

# CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

## CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results below are for [Single CPU Systems](#) only. For [Multiple CPU Systems](#), results can be found on the CPU Mega List page.



## Single CPU Systems

Last updated on the 6th of October 2022

Column

| CPU Name                                | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AArch64 rev 0 (aarch64)</a> | 2,902                          | 1799                      | NA                              | NA             |
| <a href="#">AArch64 rev 1 (aarch64)</a> | 2,469                          | 1957                      | NA                              | NA             |
| <a href="#">AArch64 rev 2 (aarch64)</a> | 2,173                          | 2122                      | NA                              | NA             |
| <a href="#">AArch64 rev 4 (aarch64)</a> | 1,761                          | 2362                      | NA                              | NA             |
| <a href="#">AC8257V/WAB</a>             | 740                            | 3189                      | NA                              | NA             |
| <a href="#">AMD 3015Ce</a>              | 2,105                          | 2153                      | NA                              | NA             |
| <a href="#">AMD 3015e</a>               | 2,661                          | 1882                      | NA                              | NA             |
| <a href="#">AMD 3020e</a>               | 2,460                          | 1961                      | NA                              | NA             |
| <a href="#">AMD 4700S</a>               | 18,098                         | 390                       | NA                              | NA             |
| <a href="#">AMD A4 Micro-6400T APU</a>  | 1,004                          | 2930                      | NA                              | NA             |
| <a href="#">AMD A4 PRO-3340B</a>        | 1,645                          | 2430                      | NA                              | NA             |
| <a href="#">AMD A4 PRO-7300B APU</a>    | 1,481                          | 2545                      | NA                              | NA             |
| <a href="#">AMD A4 PRO-7350B</a>        | 1,544                          | 2498                      | NA                              | NA             |
| <a href="#">AMD A4-1200 APU</a>         | 366                            | 3590                      | NA                              | NA             |
| <a href="#">AMD A4-1250 APU</a>         | 415                            | 3531                      | NA                              | NA             |
| <a href="#">AMD A4-3300 APU</a>         | 979                            | 2954                      | 17.30                           | \$56.61        |
| <a href="#">AMD A4-3300M APU</a>        | 692                            | 3244                      | 23.07                           | \$29.99*       |

| CPU Name                               | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A4-331UMX APU</a>      | 709                            | 3133                      | NA                              | NA             |
| <a href="#">AMD A4-3320M APU</a>       | 640                            | 3301                      | 16.42                           | \$39.00*       |
| <a href="#">AMD A4-3330MX APU</a>      | 752                            | 3177                      | NA                              | NA             |
| <a href="#">AMD A4-3400 APU</a>        | 1,077                          | 2857                      | 53.83                           | \$20.00        |
| <a href="#">AMD A4-3420 APU</a>        | 1,094                          | 2842                      | 8.04                            | \$136.00*      |
| <a href="#">AMD A4-4000 APU</a>        | 1,166                          | 2774                      | 58.58                           | \$19.91        |
| <a href="#">AMD A4-4020 APU</a>        | 1,225                          | 2724                      | 13.47                           | \$91.00*       |
| <a href="#">AMD A4-4300M APU</a>       | 980                            | 2953                      | 32.82                           | \$29.86*       |
| <a href="#">AMD A4-4355M APU</a>       | 818                            | 3109                      | NA                              | NA             |
| <a href="#">AMD A4-5000 APU</a>        | 1,291                          | 2670                      | NA                              | NA             |
| <a href="#">AMD A4-5050 APU</a>        | 1,328                          | 2644                      | NA                              | NA             |
| <a href="#">AMD A4-5100 APU</a>        | 1,346                          | 2633                      | NA                              | NA             |
| <a href="#">AMD A4-5150M APU</a>       | 765                            | 3162                      | NA                              | NA             |
| <a href="#">AMD A4-5300 APU</a>        | 1,356                          | 2625                      | 50.30                           | \$26.95*       |
| <a href="#">AMD A4-5300B APU</a>       | 1,227                          | 2723                      | 47.28                           | \$25.95*       |
| <a href="#">AMD A4-6210 APU</a>        | 1,486                          | 2540                      | NA                              | NA             |
| <a href="#">AMD A4-6250J APU</a>       | 1,656                          | 2421                      | NA                              | NA             |
| <a href="#">AMD A4-6300 APU</a>        | 1,433                          | 2575                      | 34.10                           | \$42.02        |
| <a href="#">AMD A4-6300B APU</a>       | 1,328                          | 2645                      | 47.51                           | \$27.95*       |
| <a href="#">AMD A4-6320 APU</a>        | 1,543                          | 2499                      | 22.05                           | \$69.99*       |
| <a href="#">AMD A4-7210 APU</a>        | 1,669                          | 2416                      | NA                              | NA             |
| <a href="#">AMD A4-7300 APU</a>        | 1,495                          | 2532                      | 76.48                           | \$19.55        |
| <a href="#">AMD A4-9120</a>            | 1,208                          | 2738                      | NA                              | NA             |
| <a href="#">AMD A4-9120C</a>           | 819                            | 3107                      | NA                              | NA             |
| <a href="#">AMD A4-9120e</a>           | 877                            | 3046                      | NA                              | NA             |
| <a href="#">AMD A4-9125</a>            | 1,209                          | 2736                      | NA                              | NA             |
| <a href="#">AMD A6 Micro-6500T APU</a> | 1,146                          | 2792                      | NA                              | NA             |
| <a href="#">AMD A6 PRO-7050B APU</a>   | 1,027                          | 2907                      | NA                              | NA             |
| <a href="#">AMD A6 PRO-7400B</a>       | 1,641                          | 2435                      | NA                              | NA             |
| <a href="#">AMD A6-1450 APU</a>        | 1,117                          | 2820                      | NA                              | NA             |
| <a href="#">AMD A6-3400M APU</a>       | 1,190                          | 2751                      | 48.67                           | \$24.45*       |
| <a href="#">AMD A6-3410MX APU</a>      | 1,216                          | 2729                      | 304.78                          | \$3.99*        |
| <a href="#">AMD A6-3420M APU</a>       | 1,282                          | 2676                      | NA                              | NA             |

 CPU Benchmarks 

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|----------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A6-3500 APU</a>  | 1,402                          | 2339                      | 10.71                           | \$14.99        |
| <a href="#">AMD A6-3600 APU</a>  | 1,633                          | 2441                      | 65.45                           | \$24.95*       |
| <a href="#">AMD A6-3620 APU</a>  | 1,852                          | 2301                      | 82.36                           | \$22.49*       |
| <a href="#">AMD A6-3650 APU</a>  | 1,995                          | 2210                      | 15.59                           | \$128.00*      |
| <a href="#">AMD A6-3670 APU</a>  | 2,070                          | 2175                      | 11.72                           | \$176.59*      |
| <a href="#">AMD A6-4400M APU</a> | 1,020                          | 2912                      | 37.78                           | \$27.00*       |
| <a href="#">AMD A6-4455M APU</a> | 774                            | 3151                      | NA                              | NA             |
| <a href="#">AMD A6-5200 APU</a>  | 1,647                          | 2429                      | NA                              | NA             |
| <a href="#">AMD A6-5345M APU</a> | 1,122                          | 2815                      | NA                              | NA             |
| <a href="#">AMD A6-5350M APU</a> | 1,120                          | 2817                      | 33.83                           | \$33.12        |
| <a href="#">AMD A6-5357M APU</a> | 1,260                          | 2697                      | NA                              | NA             |
| <a href="#">AMD A6-5400B APU</a> | 1,439                          | 2569                      | 49.72                           | \$28.94*       |
| <a href="#">AMD A6-5400K APU</a> | 1,254                          | 2701                      | 24.11                           | \$52.02        |
| <a href="#">AMD A6-6310 APU</a>  | 1,665                          | 2417                      | NA                              | NA             |
| <a href="#">AMD A6-6400B APU</a> | 1,616                          | 2451                      | NA                              | NA             |
| <a href="#">AMD A6-6400K APU</a> | 1,460                          | 2557                      | 28.23                           | \$51.72*       |
| <a href="#">AMD A6-6420B APU</a> | 1,550                          | 2492                      | NA                              | NA             |
| <a href="#">AMD A6-6420K APU</a> | 1,539                          | 2500                      | 10.26                           | \$149.99*      |
| <a href="#">AMD A6-7000</a>      | 1,010                          | 2922                      | NA                              | NA             |
| <a href="#">AMD A6-7310 APU</a>  | 1,737                          | 2375                      | NA                              | NA             |
| <a href="#">AMD A6-7400K APU</a> | 1,588                          | 2467                      | 39.71                           | \$39.99        |
| <a href="#">AMD A6-7470K</a>     | 1,799                          | 2333                      | 9.68                            | \$185.94       |
| <a href="#">AMD A6-7480</a>      | 1,880                          | 2282                      | 50.96                           | \$36.89*       |
| <a href="#">AMD A6-8500P</a>     | 1,469                          | 2553                      | NA                              | NA             |
| <a href="#">AMD A6-8550</a>      | 1,604                          | 2458                      | NA                              | NA             |
| <a href="#">AMD A6-9200</a>      | 1,061                          | 2876                      | NA                              | NA             |
| <a href="#">AMD A6-9210</a>      | 1,260                          | 2698                      | NA                              | NA             |
| <a href="#">AMD A6-9220</a>      | 1,288                          | 2674                      | NA                              | NA             |
| <a href="#">AMD A6-9220C</a>     | 1,070                          | 2864                      | NA                              | NA             |
| <a href="#">AMD A6-9220e</a>     | 971                            | 2962                      | NA                              | NA             |
| <a href="#">AMD A6-9225</a>      | 1,343                          | 2636                      | NA                              | NA             |
| <a href="#">AMD A6-9230</a>      | 1,279                          | 2679                      | NA                              | NA             |
| <a href="#">AMD A6-9400</a>      | 2,717                          | 1861                      | NA                              | NA             |

 CPU Benchmarks ▼

| CPU Name                             | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--------------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A8-3500E</a>         | 1,041                          | 2312                      | 30.00                           | 339.99         |
| <a href="#">AMD A8 PRO-7150B APU</a> | 1,557                          | 2485                      | NA                              | NA             |
| <a href="#">AMD A8 PRO-7600B APU</a> | 2,852                          | 1816                      | NA                              | NA             |
| <a href="#">AMD A8-3500M APU</a>     | 1,308                          | 2661                      | 21.81                           | \$59.95        |
| <a href="#">AMD A8-3510MX APU</a>    | 1,622                          | 2446                      | 21.03                           | \$77.11*       |
| <a href="#">AMD A8-3520M APU</a>     | 1,401                          | 2600                      | 25.47                           | \$55.00*       |
| <a href="#">AMD A8-3530MX APU</a>    | 1,570                          | 2476                      | NA                              | NA             |
| <a href="#">AMD A8-3550MX APU</a>    | 1,579                          | 2472                      | NA                              | NA             |
| <a href="#">AMD A8-3800 APU</a>      | 1,971                          | 2223                      | 17.92                           | \$109.95*      |
| <a href="#">AMD A8-3820 APU</a>      | 2,187                          | 2118                      | 48.64                           | \$44.95*       |
| <a href="#">AMD A8-3850 APU</a>      | 2,315                          | 2035                      | 34.03                           | \$68.02        |
| <a href="#">AMD A8-3870K APU</a>     | 2,346                          | 2019                      | 34.48                           | \$68.04        |
| <a href="#">AMD A8-4500M APU</a>     | 1,639                          | 2437                      | 29.17                           | \$56.21*       |
| <a href="#">AMD A8-4555M APU</a>     | 1,307                          | 2662                      | NA                              | NA             |
| <a href="#">AMD A8-5500 APU</a>      | 2,587                          | 1909                      | 43.89                           | \$58.95*       |
| <a href="#">AMD A8-5500B APU</a>     | 2,644                          | 1888                      | 53.91                           | \$49.04*       |
| <a href="#">AMD A8-5545M APU</a>     | 1,625                          | 2445                      | NA                              | NA             |
| <a href="#">AMD A8-5550M APU</a>     | 1,854                          | 2298                      | NA                              | NA             |
| <a href="#">AMD A8-5557M APU</a>     | 1,734                          | 2376                      | NA                              | NA             |
| <a href="#">AMD A8-5600K APU</a>     | 2,809                          | 1829                      | 40.71                           | \$69.01        |
| <a href="#">AMD A8-6410 APU</a>      | 1,769                          | 2355                      | NA                              | NA             |
| <a href="#">AMD A8-6500 APU</a>      | 2,823                          | 1825                      | 94.43                           | \$29.89        |
| <a href="#">AMD A8-6500B APU</a>     | 2,870                          | 1811                      | 57.46                           | \$49.95*       |
| <a href="#">AMD A8-6500T APU</a>     | 1,816                          | 2325                      | 30.29                           | \$59.95*       |
| <a href="#">AMD A8-6600K APU</a>     | 2,971                          | 1768                      | 129.62                          | \$22.92        |
| <a href="#">AMD A8-7050</a>          | 1,074                          | 2862                      | NA                              | NA             |
| <a href="#">AMD A8-7100 APU</a>      | 1,644                          | 2431                      | NA                              | NA             |
| <a href="#">AMD A8-7200P</a>         | 2,154                          | 2127                      | NA                              | NA             |
| <a href="#">AMD A8-7410 APU</a>      | 1,819                          | 2322                      | NA                              | NA             |
| <a href="#">AMD A8-7500</a>          | 3,878                          | 1497                      | NA                              | NA             |
| <a href="#">AMD A8-7600 APU</a>      | 3,215                          | 1680                      | 100.49                          | \$31.99        |
| <a href="#">AMD A8-7650K</a>         | 3,027                          | 1751                      | 77.64                           | \$38.99        |
| <a href="#">AMD A8-7670K</a>         | 3,182                          | 1694                      | 40.02                           | \$79.50*       |

 CPU Benchmarks ▼

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|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A8-3850U</a>            | 2,240                          | 2009                      | NA                              | NA             |
| <a href="#">AMD A8-8650</a>             | 2,774                          | 1840                      | NA                              | NA             |
| <a href="#">AMD A8-9600</a>             | 3,293                          | 1648                      | 49.15                           | \$66.99        |
| <a href="#">AMD A9-9400</a>             | 1,356                          | 2624                      | NA                              | NA             |
| <a href="#">AMD A9-9410</a>             | 1,516                          | 2516                      | NA                              | NA             |
| <a href="#">AMD A9-9420</a>             | 1,502                          | 2527                      | NA                              | NA             |
| <a href="#">AMD A9-9420e</a>            | 1,114                          | 2826                      | NA                              | NA             |
| <a href="#">AMD A9-9425</a>             | 1,519                          | 2513                      | NA                              | NA             |
| <a href="#">AMD A9-9430</a>             | 1,620                          | 2447                      | NA                              | NA             |
| <a href="#">AMD A9-9820</a>             | 3,662                          | 1552                      | NA                              | NA             |
| <a href="#">AMD A10 Micro-6700T APU</a> | 1,426                          | 2580                      | NA                              | NA             |
| <a href="#">AMD A10 PRO-7350B APU</a>   | 1,942                          | 2241                      | NA                              | NA             |
| <a href="#">AMD A10 PRO-7800B APU</a>   | 3,184                          | 1691                      | NA                              | NA             |
| <a href="#">AMD A10 PRO-7850B APU</a>   | 3,458                          | 1602                      | 23.36                           | \$148.02*      |
| <a href="#">AMD A10-4600M APU</a>       | 1,919                          | 2255                      | 24.59                           | \$78.02        |
| <a href="#">AMD A10-4655M APU</a>       | 1,637                          | 2438                      | NA                              | NA             |
| <a href="#">AMD A10-4657M APU</a>       | 1,759                          | 2363                      | NA                              | NA             |
| <a href="#">AMD A10-5700 APU</a>        | 2,747                          | 1848                      | 45.83                           | \$59.95*       |
| <a href="#">AMD A10-5745M APU</a>       | 1,731                          | 2379                      | NA                              | NA             |
| <a href="#">AMD A10-5750M APU</a>       | 1,935                          | 2244                      | 20.58                           | \$94.02        |
| <a href="#">AMD A10-5757M APU</a>       | 2,031                          | 2194                      | NA                              | NA             |
| <a href="#">AMD A10-5800B APU</a>       | 2,897                          | 1802                      | 64.40                           | \$44.99*       |
| <a href="#">AMD A10-5800K APU</a>       | 2,947                          | 1781                      | 63.96                           | \$46.07*       |
| <a href="#">AMD A10-6700 APU</a>        | 3,097                          | 1725                      | 72.35                           | \$42.81        |
| <a href="#">AMD A10-6700T APU</a>       | 2,311                          | 2037                      | 15.66                           | \$147.61*      |
| <a href="#">AMD A10-6790K APU</a>       | 3,072                          | 1733                      | 76.30                           | \$40.26        |
| <a href="#">AMD A10-6800B APU</a>       | 3,114                          | 1717                      | 24.32                           | \$128.02*      |
| <a href="#">AMD A10-6800K APU</a>       | 3,169                          | 1703                      | 55.37                           | \$57.23        |
| <a href="#">AMD A10-7300 APU</a>        | 1,731                          | 2381                      | NA                              | NA             |
| <a href="#">AMD A10-7400P</a>           | 2,126                          | 2141                      | NA                              | NA             |
| <a href="#">AMD A10-7700K APU</a>       | 3,149                          | 1707                      | 89.23                           | \$35.29        |
| <a href="#">AMD A10-7800 APU</a>        | 3,172                          | 1701                      | 79.43                           | \$39.94        |
| <a href="#">AMD A10-7850K APU</a>       | 3,364                          | 1628                      | 60.09                           | \$55.98        |

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|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A10-7870K</a>                   | 3,409                          | 1390                      | 9.12                            | \$302.40       |
| <a href="#">AMD A10-7890K</a>                   | 3,465                          | 1598                      | 24.29                           | \$142.66       |
| <a href="#">AMD A10-8700P</a>                   | 2,246                          | 2086                      | NA                              | NA             |
| <a href="#">AMD A10-8750</a>                    | 3,300                          | 1644                      | NA                              | NA             |
| <a href="#">AMD A10-8850</a>                    | 3,214                          | 1681                      | NA                              | NA             |
| <a href="#">AMD A10-9600P</a>                   | 2,262                          | 2076                      | NA                              | NA             |
| <a href="#">AMD A10-9620P</a>                   | 2,541                          | 1931                      | NA                              | NA             |
| <a href="#">AMD A10-9630P</a>                   | 2,899                          | 1801                      | NA                              | NA             |
| <a href="#">AMD A10-9700</a>                    | 3,547                          | 1574                      | 27.00                           | \$131.39       |
| <a href="#">AMD A10-9700E</a>                   | 2,947                          | 1779                      | 32.21                           | \$91.50        |
| <a href="#">AMD A12-9700P</a>                   | 2,435                          | 1974                      | NA                              | NA             |
| <a href="#">AMD A12-9720P</a>                   | 2,603                          | 1901                      | NA                              | NA             |
| <a href="#">AMD A12-9730P</a>                   | 3,172                          | 1702                      | NA                              | NA             |
| <a href="#">AMD A12-9800</a>                    | 3,499                          | 1586                      | 29.65                           | \$117.99       |
| <a href="#">AMD A12-9800E</a>                   | 3,447                          | 1603                      | 5.14                            | \$670.15*      |
| <a href="#">AMD Athlon64 X2 Dual Core 4600+</a> | 803                            | 3122                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2000+</a>             | 154                            | 3887                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2600+</a>             | 243                            | 3759                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2800+</a>             | 295                            | 3680                      | 2.95                            | \$99.99*       |
| <a href="#">AMD Athlon 64 3000+</a>             | 303                            | 3667                      | 15.13                           | \$20.00*       |
| <a href="#">AMD Athlon 64 3100+</a>             | 484                            | 3466                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3200+</a>             | 340                            | 3620                      | 2.27                            | \$149.95*      |
| <a href="#">AMD Athlon 64 3300+</a>             | 375                            | 3580                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3400+</a>             | 317                            | 3646                      | 3.17                            | \$99.95*       |
| <a href="#">AMD Athlon 64 3500+</a>             | 396                            | 3556                      | 4.95                            | \$79.95*       |
| <a href="#">AMD Athlon 64 3700+</a>             | 394                            | 3558                      | 4.38                            | \$89.95*       |
| <a href="#">AMD Athlon 64 3800+</a>             | 292                            | 3686                      | 2.23                            | \$131.01*      |
| <a href="#">AMD Athlon 64 4000+</a>             | 340                            | 3619                      | 3.40                            | \$99.95*       |
| <a href="#">AMD Athlon 64 FX-55</a>             | 404                            | 3542                      | 6.22                            | \$65.00*       |
| <a href="#">AMD Athlon 64 FX-57</a>             | 517                            | 3436                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-59</a>             | 465                            | 3492                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-60 Dual Core</a>   | 709                            | 3225                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-62 Dual Core</a>   | 943                            | 2989                      | 3.15                            | \$299.00       |

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|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon 64 X2 3800+</a>             | 500                            | 3302                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core 3400+</a>   | 531                            | 3420                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core 3600+</a>   | 575                            | 3373                      | 8.43                            | \$68.25*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 3800+</a>   | 622                            | 3325                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core 4000+</a>   | 656                            | 3286                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core 4200+</a>   | 679                            | 3263                      | 6.18                            | \$109.95*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 4400+</a>   | 698                            | 3238                      | 2.34                            | \$298.95*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 4600+</a>   | 716                            | 3220                      | 2.05                            | \$349.95*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 4800+</a>   | 652                            | 3290                      | 4.35                            | \$149.95*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 5000+</a>   | 779                            | 3147                      | 2.35                            | \$331.49*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 5200+</a>   | 807                            | 3117                      | 13.46                           | \$60.00*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 5400+</a>   | 907                            | 3024                      | 17.11                           | \$52.99*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 5600+</a>   | 912                            | 3018                      | 8.51                            | \$107.21*      |
| <a href="#">AMD Athlon 64 X2 Dual Core 5800+</a>   | 797                            | 3130                      | 26.60                           | \$29.95*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 6000+</a>   | 918                            | 3014                      | 23.83                           | \$38.50*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 6400+</a>   | 967                            | 2967                      | 3.87                            | \$249.95*      |
| <a href="#">AMD Athlon 64 X2 Dual Core BE-2300</a> | 594                            | 3348                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core BE-2350</a> | 573                            | 3376                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-42</a>   | 577                            | 3371                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-53</a>   | 535                            | 3416                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-55</a>   | 518                            | 3435                      | 7.13                            | \$72.74*       |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-57</a>   | 634                            | 3310                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 QL-60</a>             | 547                            | 3405                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 QL-62</a>             | 580                            | 3369                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 QL-64</a>             | 622                            | 3323                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 QL-65</a>             | 609                            | 3333                      | 27.69                           | \$22.00*       |
| <a href="#">AMD Athlon 64 X2 QL-66</a>             | 641                            | 3300                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 QL-67</a>             | 582                            | 3365                      | NA                              | NA             |
| <a href="#">AMD Athlon 200GE</a>                   | 4,109                          | 1453                      | 33.16                           | \$123.89*      |
| <a href="#">AMD Athlon 220GE</a>                   | 4,424                          | 1390                      | 34.29                           | \$129.00*      |
| <a href="#">AMD Athlon 240GE</a>                   | 4,551                          | 1368                      | 27.71                           | \$164.21       |
| <a href="#">AMD Athlon 300GE</a>                   | 4,301                          | 1414                      | NA                              | NA             |
| <a href="#">AMD Athlon 300U</a>                    | 3,970                          | 1483                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name                                   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon 1500+</a>           | 191                            | 3034                      | NA                              | NA             |
| <a href="#">AMD Athlon 1640B</a>           | 412                            | 3535                      | 8.23                            | \$50.00*       |
| <a href="#">AMD Athlon 2650e</a>           | 274                            | 3714                      | 14.43                           | \$19.00*       |
| <a href="#">AMD Athlon 2800+</a>           | 291                            | 3691                      | 2.65                            | \$109.95*      |
| <a href="#">AMD Athlon 2850e</a>           | 333                            | 3636                      | NA                              | NA             |
| <a href="#">AMD Athlon 3000G</a>           | 4,483                          | 1380                      | 49.82                           | \$89.99*       |
| <a href="#">AMD Athlon 5000 Dual-Core</a>  | 872                            | 3049                      | 7.94                            | \$109.95       |
| <a href="#">AMD Athlon 5150 APU</a>        | 1,378                          | 2614                      | 13.94                           | \$98.86*       |
| <a href="#">AMD Athlon 5200 Dual-Core</a>  | 869                            | 3052                      | 4.58                            | \$189.95       |
| <a href="#">AMD Athlon 5350 APU</a>        | 1,744                          | 2371                      | 11.63                           | \$149.99*      |
| <a href="#">AMD Athlon 5370 APU</a>        | 1,867                          | 2291                      | 3.12                            | \$598.68*      |
| <a href="#">AMD Athlon 7450 Dual-Core</a>  | 789                            | 3141                      | NA                              | NA             |
| <a href="#">AMD Athlon 7550 Dual-Core</a>  | 859                            | 3058                      | 57.47                           | \$14.95*       |
| <a href="#">AMD Athlon 7750 Dual-Core</a>  | 951                            | 2983                      | 11.88                           | \$79.99        |
| <a href="#">AMD Athlon 7850 Dual-Core</a>  | 1,037                          | 2896                      | 10.37                           | \$99.99        |
| <a href="#">AMD Athlon Dual Core 4050e</a> | 616                            | 3328                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 4450B</a> | 684                            | 3258                      | 22.05                           | \$31.00*       |
| <a href="#">AMD Athlon Dual Core 4450e</a> | 705                            | 3230                      | 48.71                           | \$14.48*       |
| <a href="#">AMD Athlon Dual Core 4850B</a> | 727                            | 3205                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 4850e</a> | 738                            | 3191                      | 18.93                           | \$39.00*       |
| <a href="#">AMD Athlon Dual Core 5000B</a> | 835                            | 3092                      | 8.79                            | \$95.00*       |
| <a href="#">AMD Athlon Dual Core 5050e</a> | 816                            | 3111                      | 13.60                           | \$60.00*       |
| <a href="#">AMD Athlon Dual Core 5200B</a> | 823                            | 3101                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 5400B</a> | 826                            | 3097                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 5600B</a> | 737                            | 3193                      | NA                              | NA             |
| <a href="#">AMD Athlon Gold 3150C</a>      | 3,205                          | 1686                      | NA                              | NA             |
| <a href="#">AMD Athlon Gold 3150G</a>      | 7,093                          | 977                       | NA                              | NA             |
| <a href="#">AMD Athlon Gold 3150U</a>      | 3,988                          | 1480                      | NA                              | NA             |
| <a href="#">AMD Athlon Gold PRO 3150G</a>  | 7,702                          | 899                       | NA                              | NA             |
| <a href="#">AMD Athlon Gold PRO 3150GE</a> | 7,068                          | 982                       | NA                              | NA             |
| <a href="#">AMD Athlon Gold PRO 4150GE</a> | 8,070                          | 868                       | NA                              | NA             |
| <a href="#">AMD Athlon II 160u</a>         | 358                            | 3597                      | 11.93                           | \$29.99*       |
| <a href="#">AMD Athlon II 170u</a>         | 357                            | 3600                      | 14.86                           | \$24.00*       |



## CPU Benchmarks





| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon II Dual-Core M320</a>     | 719                            | 3210                      | 23.90                           | \$50.00        |
| <a href="#">AMD Athlon II Dual-Core M340</a>     | 676                            | 3265                      | NA                              | NA             |
| <a href="#">AMD Athlon II N330 Dual-Core</a>     | 665                            | 3277                      | NA                              | NA             |
| <a href="#">AMD Athlon II N350 Dual-Core</a>     | 767                            | 3160                      | NA                              | NA             |
| <a href="#">AMD Athlon II N370 Dual-Core</a>     | 899                            | 3031                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo K125</a>           | 302                            | 3669                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo K145</a>           | 298                            | 3676                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo K325 Dual-Core</a> | 417                            | 3528                      | 16.04                           | \$25.99*       |
| <a href="#">AMD Athlon II Neo K345 Dual-Core</a> | 527                            | 3426                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo N36L Dual-Core</a> | 478                            | 3474                      | NA                              | NA             |
| <a href="#">AMD Athlon II P320 Dual-Core</a>     | 684                            | 3256                      | 34.29                           | \$19.95        |
| <a href="#">AMD Athlon II P340 Dual-Core</a>     | 681                            | 3260                      | 17.04                           | \$39.95        |
| <a href="#">AMD Athlon II P360 Dual-Core</a>     | 711                            | 3224                      | 35.65                           | \$19.95*       |
| <a href="#">AMD Athlon II X2 210e</a>            | 1,105                          | 2833                      | 38.79                           | \$28.49*       |
| <a href="#">AMD Athlon II X2 215</a>             | 952                            | 2981                      | 32.85                           | \$28.97*       |
| <a href="#">AMD Athlon II X2 220</a>             | 1,028                          | 2905                      | 17.15                           | \$59.95        |
| <a href="#">AMD Athlon II X2 235e</a>            | 1,049                          | 2889                      | 10.75                           | \$97.50*       |
| <a href="#">AMD Athlon II X2 240</a>             | 969                            | 2963                      | 38.86                           | \$24.95        |
| <a href="#">AMD Athlon II X2 240e</a>            | 1,002                          | 2933                      | 26.45                           | \$37.89*       |
| <a href="#">AMD Athlon II X2 245</a>             | 1,046                          | 2890                      | 26.22                           | \$39.88*       |
| <a href="#">AMD Athlon II X2 245e</a>            | 1,075                          | 2860                      | 53.77                           | \$19.99*       |
| <a href="#">AMD Athlon II X2 250</a>             | 1,101                          | 2838                      | 28.26                           | \$38.95        |
| <a href="#">AMD Athlon II X2 250e</a>            | 1,155                          | 2786                      | 15.05                           | \$76.73*       |
| <a href="#">AMD Athlon II X2 250u</a>            | 592                            | 3352                      | 23.71                           | \$24.95        |
| <a href="#">AMD Athlon II X2 255</a>             | 1,173                          | 2768                      | 93.45                           | \$12.55*       |
| <a href="#">AMD Athlon II X2 260</a>             | 1,103                          | 2835                      | 29.13                           | \$37.88        |
| <a href="#">AMD Athlon II X2 260u</a>            | 663                            | 3280                      | 7.94                            | \$83.44*       |
| <a href="#">AMD Athlon II X2 265</a>             | 1,233                          | 2715                      | 79.66                           | \$15.48        |
| <a href="#">AMD Athlon II X2 270</a>             | 1,250                          | 2706                      | 32.85                           | \$38.04        |
| <a href="#">AMD Athlon II X2 270u</a>            | 675                            | 3266                      | 9.98                            | \$67.67*       |
| <a href="#">AMD Athlon II X2 280</a>             | 1,355                          | 2627                      | 17.62                           | \$76.89*       |
| <a href="#">AMD Athlon II X2 4300e</a>           | 990                            | 2946                      | NA                              | NA             |
| <a href="#">AMD Athlon II X2 4400e</a>           | 1,059                          | 2879                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon II X2 B22</a>           | 1,000                          | 2839                      | 39.30                           | \$23.99        |
| <a href="#">AMD Athlon II X2 B24</a>           | 1,073                          | 2863                      | 44.53                           | \$24.10        |
| <a href="#">AMD Athlon II X2 B26</a>           | 1,190                          | 2750                      | 47.70                           | \$24.95        |
| <a href="#">AMD Athlon II X2 B28</a>           | 1,251                          | 2704                      | 32.06                           | \$39.02        |
| <a href="#">AMD Athlon II X3 400e</a>          | 1,320                          | 2652                      | 51.80                           | \$25.49*       |
| <a href="#">AMD Athlon II X3 405e</a>          | 1,331                          | 2642                      | 11.79                           | \$112.90*      |
| <a href="#">AMD Athlon II X3 415e</a>          | 1,441                          | 2567                      | 19.21                           | \$75.00*       |
| <a href="#">AMD Athlon II X3 420e</a>          | 1,557                          | 2486                      | 13.40                           | \$116.15*      |
| <a href="#">AMD Athlon II X3 425</a>           | 1,546                          | 2496                      | 26.50                           | \$58.34*       |
| <a href="#">AMD Athlon II X3 435</a>           | 1,682                          | 2409                      | 10.51                           | \$159.95*      |
| <a href="#">AMD Athlon II X3 440</a>           | 1,718                          | 2388                      | 116.42                          | \$14.76*       |
| <a href="#">AMD Athlon II X3 445</a>           | 1,811                          | 2326                      | 120.82                          | \$14.99*       |
| <a href="#">AMD Athlon II X3 450</a>           | 1,785                          | 2342                      | 93.48                           | \$19.09        |
| <a href="#">AMD Athlon II X3 455</a>           | 1,860                          | 2297                      | 72.20                           | \$25.76*       |
| <a href="#">AMD Athlon II X3 460</a>           | 1,970                          | 2224                      | 117.66                          | \$16.74*       |
| <a href="#">AMD Athlon II X4 553</a>           | 2,418                          | 1982                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 555</a>           | 2,310                          | 2039                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 557</a>           | 2,567                          | 1921                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 559</a>           | 2,602                          | 1904                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 600e</a>          | 1,711                          | 2391                      | 86.19                           | \$19.85        |
| <a href="#">AMD Athlon II X4 605e</a>          | 1,957                          | 2230                      | 103.17                          | \$18.97        |
| <a href="#">AMD Athlon II X4 610e</a>          | 1,871                          | 2289                      | 104.67                          | \$17.88        |
| <a href="#">AMD Athlon II X4 615e</a>          | 1,967                          | 2225                      | 33.34                           | \$59.00*       |
| <a href="#">AMD Athlon II X4 620</a>           | 1,930                          | 2249                      | 35.13                           | \$54.95        |
| <a href="#">AMD Athlon II X4 630</a>           | 2,109                          | 2148                      | 43.91                           | \$48.04        |
| <a href="#">AMD Athlon II X4 631 Quad-Core</a> | 2,085                          | 2164                      | 169.37                          | \$12.31*       |
| <a href="#">AMD Athlon II X4 635</a>           | 2,132                          | 2135                      | 122.69                          | \$17.38        |
| <a href="#">AMD Athlon II X4 638 Quad-Core</a> | 2,250                          | 2084                      | 35.79                           | \$62.85*       |
| <a href="#">AMD Athlon II X4 640</a>           | 2,197                          | 2109                      | 133.50                          | \$16.46        |
| <a href="#">AMD Athlon II X4 641 Quad-Core</a> | 2,143                          | 2131                      | 174.25                          | \$12.30        |
| <a href="#">AMD Athlon II X4 645</a>           | 2,331                          | 2027                      | 141.81                          | \$16.44        |
| <a href="#">AMD Athlon II X4 650</a>           | 2,440                          | 1969                      | 14.65                           | \$166.60*      |
| <a href="#">AMD Athlon II X4 651 Quad-Core</a> | 2,338                          | 2024                      | 15.59                           | \$149.95*      |

 CPU Benchmarks 

| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|  |       |      |       |          |
|--|-------|------|-------|----------|
| <u>AMD Athlon L110</u>                   | 137   | 3023 | NA    | NA       |
| <u>AMD Athlon LE-1600</u>                | 412   | 3534 | 19.63 | \$21.00* |
| <u>AMD Athlon LE-1620</u>                | 421   | 3525 | 23.40 | \$18.00* |
| <u>AMD Athlon LE-1640</u>                | 430   | 3515 | 4.78  | \$89.95* |
| <u>AMD Athlon LE-1660</u>                | 416   | 3529 | NA    | NA       |
| <u>AMD Athlon Neo MV-40</u>              | 282   | 3704 | NA    | NA       |
| <u>AMD Athlon Neo X2 Dual Core 6850e</u> | 456   | 3496 | NA    | NA       |
| <u>AMD Athlon Neo X2 Dual Core L325</u>  | 476   | 3477 | NA    | NA       |
| <u>AMD Athlon Neo X2 Dual Core L335</u>  | 529   | 3423 | NA    | NA       |
| <u>AMD Athlon PRO 200GE</u>              | 4,139 | 1449 | NA    | NA       |
| <u>AMD Athlon PRO 300GE</u>              | 4,475 | 1381 | NA    | NA       |
| <u>AMD Athlon Silver 3050e</u>           | 2,952 | 1776 | NA    | NA       |
| <u>AMD Athlon Silver 3050GE</u>          | 4,545 | 1370 | NA    | NA       |
| <u>AMD Athlon Silver 3050U</u>           | 3,040 | 1746 | NA    | NA       |
| <u>AMD Athlon Silver PRO 3125GE</u>      | 4,633 | 1355 | NA    | NA       |
| <u>AMD Athlon TF-20</u>                  | 265   | 3729 | NA    | NA       |
| <u>AMD Athlon TF-36</u>                  | 338   | 3621 | NA    | NA       |
| <u>AMD Athlon X2 215</u>                 | 996   | 2938 | NA    | NA       |
| <u>AMD Athlon X2 240</u>                 | 921   | 3013 | NA    | NA       |
| <u>AMD Athlon X2 240e</u>                | 1,015 | 2916 | NA    | NA       |
| <u>AMD Athlon X2 250</u>                 | 993   | 2941 | NA    | NA       |
| <u>AMD Athlon X2 255</u>                 | 938   | 2993 | NA    | NA       |
| <u>AMD Athlon X2 280</u>                 | 1,327 | 2646 | 39.63 | \$33.49* |
| <u>AMD Athlon X2 340 Dual Core</u>       | 1,315 | 2655 | 13.85 | \$94.97* |
| <u>AMD Athlon X2 370K Dual Core</u>      | 1,504 | 2525 | NA    | NA       |
| <u>AMD Athlon X2 450</u>                 | 1,295 | 2667 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core 3250e</u>     | 357   | 3599 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core 6850e</u>     | 564   | 3385 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core BE-2300</u>   | 570   | 3377 | 9.50  | \$60.00* |
| <u>AMD Athlon X2 Dual Core BE-2350</u>   | 591   | 3353 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core BE-2400</u>   | 688   | 3254 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core L310</u>      | 379   | 3578 | NA    | NA       |
| <u>AMD Athlon X3 425</u>                 | 1,516 | 2517 | NA    | NA       |

| CPU Name                                     | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon X3 440</a>            | 1,400                          | 2370                      | 10.00                           | \$07.99        |
| <a href="#">AMD Athlon X3 455</a>            | 1,783                          | 2345                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 530</a>            | 1,786                          | 2341                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 620</a>            | 1,810                          | 2328                      | 27.87                           | \$64.95*       |
| <a href="#">AMD Athlon X4 640</a>            | 2,115                          | 2146                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 730</a>            | 1,936                          | 2242                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 740 Quad Core</a>  | 2,664                          | 1881                      | 202.24                          | \$13.17*       |
| <a href="#">AMD Athlon X4 750 Quad Core</a>  | 1,986                          | 2216                      | 20.96                           | \$94.75*       |
| <a href="#">AMD Athlon X4 750K Quad Core</a> | 2,790                          | 1834                      | 14.65                           | \$190.44*      |
| <a href="#">AMD Athlon X4 760K Quad Core</a> | 2,927                          | 1790                      | 215.98                          | \$13.55        |
| <a href="#">AMD Athlon X4 830</a>            | 2,901                          | 1800                      | 14.34                           | \$202.32*      |
| <a href="#">AMD Athlon X4 840</a>            | 3,292                          | 1649                      | 26.35                           | \$124.95*      |
| <a href="#">AMD Athlon X4 845</a>            | 3,785                          | 1523                      | 109.73                          | \$34.49        |
| <a href="#">AMD Athlon X4 860K</a>           | 3,427                          | 1609                      | 49.83                           | \$68.76        |
| <a href="#">AMD Athlon X4 870K</a>           | 3,383                          | 1622                      | 98.19                           | \$34.45        |
| <a href="#">AMD Athlon X4 880K</a>           | 3,661                          | 1553                      | 38.70                           | \$94.61        |
| <a href="#">AMD Athlon X4 950</a>            | 3,539                          | 1575                      | 118.01                          | \$29.99        |
| <a href="#">AMD Athlon XP1600+</a>           | 183                            | 3843                      | NA                              | NA             |
| <a href="#">AMD Athlon XP2400+</a>           | 243                            | 3758                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1500+</a>          | 167                            | 3867                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1600+</a>          | 174                            | 3860                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1700+</a>          | 176                            | 3856                      | 3.44                            | \$51.25*       |
| <a href="#">AMD Athlon XP 1800+</a>          | 195                            | 3826                      | 3.83                            | \$50.95*       |
| <a href="#">AMD Athlon XP 1900+</a>          | 203                            | 3815                      | 4.44                            | \$45.80*       |
| <a href="#">AMD Athlon XP 2000+</a>          | 195                            | 3827                      | 3.31                            | \$58.99*       |
| <a href="#">AMD Athlon XP 2100+</a>          | 210                            | 3805                      | 3.30                            | \$63.75*       |
| <a href="#">AMD Athlon XP 2200+</a>          | 214                            | 3802                      | 2.52                            | \$84.95*       |
| <a href="#">AMD Athlon XP 2400+</a>          | 234                            | 3776                      | 2.93                            | \$79.99*       |
| <a href="#">AMD Athlon XP 2500+</a>          | 231                            | 3784                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 2600+</a>          | 242                            | 3761                      | 10.52                           | \$23.03*       |
| <a href="#">AMD Athlon XP 2700+</a>          | 256                            | 3738                      | 3.02                            | \$84.79*       |
| <a href="#">AMD Athlon XP 2800+</a>          | 260                            | 3735                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 2900+</a>          | 276                            | 3713                      | NA                              | NA             |

 CPU Benchmarks 

| CPU Name                               | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon XP 3100+</a>    | 202                            | 3703                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 3200+</a>    | 281                            | 3705                      | NA                              | NA             |
| <a href="#">AMD C-30</a>               | 178                            | 3853                      | NA                              | NA             |
| <a href="#">AMD C-50</a>               | 269                            | 3721                      | NA                              | NA             |
| <a href="#">AMD C-60</a>               | 290                            | 3694                      | NA                              | NA             |
| <a href="#">AMD C-60 APU</a>           | 313                            | 3657                      | NA                              | NA             |
| <a href="#">AMD C-70 APU</a>           | 314                            | 3655                      | NA                              | NA             |
| <a href="#">AMD E1 Micro-6200T APU</a> | 600                            | 3339                      | NA                              | NA             |
| <a href="#">AMD E1-1200 APU</a>        | 374                            | 3582                      | NA                              | NA             |
| <a href="#">AMD E1-1500 APU</a>        | 392                            | 3564                      | NA                              | NA             |
| <a href="#">AMD E1-2100 APU</a>        | 406                            | 3538                      | NA                              | NA             |
| <a href="#">AMD E1-2200 APU</a>        | 474                            | 3479                      | NA                              | NA             |
| <a href="#">AMD E1-2500 APU</a>        | 595                            | 3347                      | NA                              | NA             |
| <a href="#">AMD E1-6010 APU</a>        | 527                            | 3425                      | NA                              | NA             |
| <a href="#">AMD E1-6015 APU</a>        | 566                            | 3380                      | NA                              | NA             |
| <a href="#">AMD E1-6050J APU</a>       | 1,385                          | 2607                      | NA                              | NA             |
| <a href="#">AMD E1-7010 APU</a>        | 582                            | 3367                      | NA                              | NA             |
| <a href="#">AMD E2-1800 APU</a>        | 440                            | 3506                      | NA                              | NA             |
| <a href="#">AMD E2-2000 APU</a>        | 501                            | 3449                      | NA                              | NA             |
| <a href="#">AMD E2-3000 APU</a>        | 726                            | 3209                      | NA                              | NA             |
| <a href="#">AMD E2-3000M APU</a>       | 674                            | 3268                      | 15.67                           | \$42.98*       |
| <a href="#">AMD E2-3200 APU</a>        | 953                            | 2978                      | 119.23                          | \$7.99*        |
| <a href="#">AMD E2-3800 APU</a>        | 1,137                          | 2806                      | NA                              | NA             |
| <a href="#">AMD E2-6110 APU</a>        | 1,101                          | 2837                      | NA                              | NA             |
| <a href="#">AMD E2-7110 APU</a>        | 1,521                          | 2509                      | NA                              | NA             |
| <a href="#">AMD E2-9000</a>            | 923                            | 3011                      | NA                              | NA             |
| <a href="#">AMD E2-9000e</a>           | 853                            | 3067                      | NA                              | NA             |
| <a href="#">AMD E2-9010</a>            | 991                            | 2944                      | NA                              | NA             |
| <a href="#">AMD E2-9030</a>            | 922                            | 3012                      | NA                              | NA             |
| <a href="#">AMD E-240</a>              | 182                            | 3846                      | NA                              | NA             |
| <a href="#">AMD E-300 APU</a>          | 357                            | 3598                      | NA                              | NA             |
| <a href="#">AMD E-350</a>              | 417                            | 3527                      | NA                              | NA             |
| <a href="#">AMD E-350 APU</a>          | 423                            | 3524                      | NA                              | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD E-450 APU</a>                             | 423                            | 3322                      | NA                              | NA             |
| <a href="#">AMD Embedded G-Series GX-215JJ Radeon R2E</a> | 1,057                          | 2882                      | NA                              | NA             |
| <a href="#">AMD Embedded G-Series GX-224IJ Radeon R4E</a> | 1,271                          | 2690                      | NA                              | NA             |
| <a href="#">AMD Embedded G-Series GX-420GI Radeon R7E</a> | 1,554                          | 2487                      | NA                              | NA             |
| <a href="#">AMD Embedded R-Series RX-216GD</a>            | 1,628                          | 2443                      | NA                              | NA             |
| <a href="#">AMD Embedded R-Series RX-418GD Radeon R6</a>  | 3,426                          | 1610                      | NA                              | NA             |
| <a href="#">AMD Embedded R-Series RX-421BD</a>            | 3,302                          | 1643                      | NA                              | NA             |
| <a href="#">AMD Embedded R-Series RX-421ND</a>            | 3,575                          | 1569                      | NA                              | NA             |
| <a href="#">AMD EPYC 7B13</a>                             | 77,460                         | 10                        | NA                              | NA             |
| <a href="#">AMD EPYC 7F32</a>                             | 23,026                         | 242                       | 9.34                            | \$2,465.51*    |
| <a href="#">AMD EPYC 7F52</a>                             | 41,023                         | 67                        | 13.23                           | \$3,100.00*    |
| <a href="#">AMD EPYC 7J13</a>                             | 86,006                         | 3                         | NA                              | NA             |
| <a href="#">AMD EPYC 7K62</a>                             | 40,487                         | 71                        | NA                              | NA             |
| <a href="#">AMD EPYC 7R32</a>                             | 64,727                         | 18                        | NA                              | NA             |
| <a href="#">AMD EPYC 73F3</a>                             | 46,085                         | 50                        | 11.53                           | \$3,997.33     |
| <a href="#">AMD EPYC 74F3</a>                             | 60,686                         | 24                        | 12.65                           | \$4,798.95     |
| <a href="#">AMD EPYC 75F3</a>                             | 68,505                         | 15                        | 13.70                           | \$4,999.00*    |
| <a href="#">AMD EPYC 3101 4-Core</a>                      | 6,050                          | 1139                      | NA                              | NA             |
| <a href="#">AMD EPYC 3201</a>                             | 10,258                         | 719                       | NA                              | NA             |
| <a href="#">AMD EPYC 3251</a>                             | 13,965                         | 547                       | 44.33                           | \$315.00*      |
| <a href="#">AMD EPYC 7232P</a>                            | 17,017                         | 425                       | 44.49                           | \$382.46       |
| <a href="#">AMD EPYC 7251</a>                             | 14,935                         | 496                       | 29.28                           | \$510.00       |
| <a href="#">AMD EPYC 7252</a>                             | 19,550                         | 341                       | 46.56                           | \$419.91       |
| <a href="#">AMD EPYC 7262</a>                             | 20,827                         | 303                       | 36.31                           | \$573.58*      |
| <a href="#">AMD EPYC 7272</a>                             | 26,446                         | 176                       | 41.84                           | \$632.00       |
| <a href="#">AMD EPYC 7281</a>                             | 21,981                         | 274                       | 21.98                           | \$999.99*      |
| <a href="#">AMD EPYC 7282</a>                             | 30,354                         | 127                       | 65.23                           | \$465.32       |
| <a href="#">AMD EPYC 7301</a>                             | 14,991                         | 495                       | 9.99                            | \$1,499.98*    |
| <a href="#">AMD EPYC 7302</a>                             | 33,863                         | 99                        | 33.48                           | \$1,011.38     |
| <a href="#">AMD EPYC 7302P</a>                            | 32,871                         | 107                       | 55.85                           | \$588.60       |
| <a href="#">AMD EPYC 7313</a>                             | 41,060                         | 65                        | 34.80                           | \$1,179.99*    |
| <a href="#">AMD EPYC 7313P</a>                            | 41,884                         | 59                        | 45.87                           | \$913.00*      |
| <a href="#">AMD EPYC 7343</a>                             | 45,882                         | 51                        | 26.99                           | \$1,699.99*    |

 CPU Benchmarks 

| CPU Name                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD EPYC 7351P</a> | 23,404                         | 100                       | 42.34                           | \$999.00       |
| <a href="#">AMD EPYC 7352</a>  | 39,999                         | 72                        | 32.22                           | \$1,241.57     |
| <a href="#">AMD EPYC 7371</a>  | 31,094                         | 120                       | 50.98                           | \$609.97       |
| <a href="#">AMD EPYC 7401P</a> | 28,282                         | 149                       | 113.14                          | \$249.97       |
| <a href="#">AMD EPYC 7402</a>  | 47,743                         | 47                        | 27.49                           | \$1,737.00     |
| <a href="#">AMD EPYC 7402P</a> | 41,098                         | 64                        | 30.79                           | \$1,334.98     |
| <a href="#">AMD EPYC 7413</a>  | 50,223                         | 40                        | 25.14                           | \$1,997.99*    |
| <a href="#">AMD EPYC 7443P</a> | 57,490                         | 27                        | 34.14                           | \$1,683.99*    |
| <a href="#">AMD EPYC 7451</a>  | 20,471                         | 312                       | 14.63                           | \$1,399.00     |
| <a href="#">AMD EPYC 7452</a>  | 41,871                         | 60                        | 18.20                           | \$2,300.00     |
| <a href="#">AMD EPYC 7453</a>  | 55,228                         | 31                        | 30.70                           | \$1,799.00*    |
| <a href="#">AMD EPYC 7501</a>  | 24,925                         | 197                       | 6.89                            | \$3,616.00*    |
| <a href="#">AMD EPYC 7502</a>  | 49,178                         | 43                        | 23.46                           | \$2,096.10     |
| <a href="#">AMD EPYC 7502P</a> | 48,995                         | 44                        | 30.36                           | \$1,613.64     |
| <a href="#">AMD EPYC 7513</a>  | 59,988                         | 25                        | 21.12                           | \$2,840.00*    |
| <a href="#">AMD EPYC 7532</a>  | 55,358                         | 30                        | 41.31                           | \$1,339.96*    |
| <a href="#">AMD EPYC 7542</a>  | 56,728                         | 28                        | 37.82                           | \$1,499.99     |
| <a href="#">AMD EPYC 7543</a>  | 56,562                         | 29                        | 15.04                           | \$3,761.00*    |
| <a href="#">AMD EPYC 7543P</a> | 66,964                         | 17                        | 22.33                           | \$2,999.00*    |
| <a href="#">AMD EPYC 7551</a>  | 22,005                         | 272                       | 37.42                           | \$588.00       |
| <a href="#">AMD EPYC 7551P</a> | 43,878                         | 55                        | 123.26                          | \$355.99       |
| <a href="#">AMD EPYC 7571</a>  | 27,445                         | 160                       | NA                              | NA             |
| <a href="#">AMD EPYC 7601</a>  | 42,244                         | 58                        | 48.23                           | \$875.92       |
| <a href="#">AMD EPYC 7642</a>  | 59,126                         | 26                        | 31.20                           | \$1,895.00     |
| <a href="#">AMD EPYC 7643</a>  | 76,455                         | 11                        | 14.09                           | \$5,424.99*    |
| <a href="#">AMD EPYC 7662</a>  | 73,143                         | 12                        | 18.29                           | \$3,999.99*    |
| <a href="#">AMD EPYC 7702</a>  | 71,509                         | 13                        | 31.65                           | \$2,259.23     |
| <a href="#">AMD EPYC 7702P</a> | 62,278                         | 23                        | 30.62                           | \$2,034.12     |
| <a href="#">AMD EPYC 7713</a>  | 85,521                         | 5                         | 21.93                           | \$3,899.99     |
| <a href="#">AMD EPYC 7713P</a> | 83,439                         | 6                         | NA                              | NA             |
| <a href="#">AMD EPYC 7742</a>  | 68,749                         | 14                        | 13.96                           | \$4,925.00     |
| <a href="#">AMD EPYC 7763</a>  | 85,944                         | 4                         | 18.09                           | \$4,749.99     |
| <a href="#">AMD EPYC 7773X</a> | 90,731                         | 2                         | 16.50                           | \$5,499.99*    |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">AMD FirePro A320 APU</a>   | 2,133                          | 2,129                     | NA                              | NA             |
| <a href="#">AMD FX-670K Quad-Core</a>  | 2,980                          | 1765                      | NA                              | NA             |
| <a href="#">AMD FX-770K Quad-Core</a>  | 2,686                          | 1872                      | NA                              | NA             |
| <a href="#">AMD FX-870K Quad-Core</a>  | 3,094                          | 1727                      | NA                              | NA             |
| <a href="#">AMD FX-4100 Quad-Core</a>  | 2,560                          | 1923                      | 127.80                          | \$20.03        |
| <a href="#">AMD FX-4130 Quad-Core</a>  | 2,669                          | 1878                      | 113.68                          | \$23.48        |
| <a href="#">AMD FX-4150 Quad-Core</a>  | 3,327                          | 1638                      | NA                              | NA             |
| <a href="#">AMD FX-4170 Quad-Core</a>  | 3,115                          | 1716                      | 89.28                           | \$34.89        |
| <a href="#">AMD FX-4200 Quad-Core</a>  | 3,134                          | 1709                      | 52.27                           | \$59.95*       |
| <a href="#">AMD FX-4300 Quad-Core</a>  | 2,953                          | 1775                      | 144.98                          | \$20.37        |
| <a href="#">AMD FX-4320</a>  | 3,043                          | 1744                      | NA                              | NA             |
| <a href="#">AMD FX-4330</a>  | 3,248                          | 1664                      | 4.43                            | \$733.50*      |
| <a href="#">AMD FX-4350 Quad-Core</a>  | 3,224                          | 1673                      | 33.79                           | \$95.44        |
| <a href="#">AMD FX-6100 Six-Core</a>   | 3,692                          | 1545                      | 62.58                           | \$59.00        |
| <a href="#">AMD FX-6120 Six-Core</a>   | 3,857                          | 1503                      | 49.43                           | \$78.02        |
| <a href="#">AMD FX-6130 Six-Core</a>   | 4,353                          | 1405                      | NA                              | NA             |
| <a href="#">AMD FX-6200 Six-Core</a>   | 4,079                          | 1462                      | 13.60                           | \$299.95       |
| <a href="#">AMD FX-6300 Six-Core</a>   | 4,178                          | 1439                      | 130.77                          | \$31.95        |
| <a href="#">AMD FX-6330 Six-Core</a>   | 4,264                          | 1426                      | NA                              | NA             |
| <a href="#">AMD FX-6350 Six-Core</a>   | 4,484                          | 1379                      | 73.51                           | \$61.00        |
| <a href="#">AMD FX-7500 APU</a>  | 1,852                          | 2302                      | NA                              | NA             |
| <a href="#">AMD FX-7600P</a>   | 2,553                          | 1927                      | NA                              | NA             |
| <a href="#">AMD FX-7600P APU</a>   | 2,856                          | 1814                      | NA                              | NA             |
| <a href="#">AMD FX-8100 Eight-Core</a>   | 4,037                          | 1470                      | 29.25                           | \$138.02       |
| <a href="#">AMD FX-8120 Eight-Core</a>   | 4,630                          | 1357                      | 132.28                          | \$35.00        |
| <a href="#">AMD FX-8140 Eight-Core</a>   | 4,860                          | 1319                      | 32.65                           | \$148.86*      |
| <a href="#">AMD FX-8150 Eight-Core</a>   | 5,213                          | 1271                      | 89.89                           | \$58.00        |
| <a href="#">AMD FX-8300 Eight-Core</a>   | 5,298                          | 1253                      | 126.46                          | \$41.89        |
| <a href="#">AMD FX-8310 Eight-Core</a>   | 5,165                          | 1279                      | 6.21                            | \$831.15*      |
| <a href="#">AMD FX-8320 Eight-Core</a>   | 5,415                          | 1235                      | 34.27                           | \$158.02       |
| <a href="#">AMD FX-8320E Eight-Core</a>  | 5,054                          | 1298                      | 38.88                           | \$130.00       |
| <a href="#">AMD FX-8350 Eight-Core</a>   | 5,997                          | 1144                      | 76.89                           | \$78.00        |
| <a href="#">AMD FX-8370 Eight-Core</a>   | 6,146                          | 1118                      | 32.69                           | \$188.00       |



| CPU Name                               | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD FX-8800P</a>           | 2,013                          | 1021                      | NA                              | NA             |
| <a href="#">AMD FX-9370 Eight-Core</a> | 5,994                          | 1145                      | 18.79                           | \$319.00*      |
| <a href="#">AMD FX-9590 Eight-Core</a> | 6,749                          | 1038                      | 19.62                           | \$344.04       |
| <a href="#">AMD FX-9800P</a>           | 2,402                          | 1990                      | NA                              | NA             |
| <a href="#">AMD FX-9830P</a>           | 3,295                          | 1647                      | NA                              | NA             |
| <a href="#">AMD FX-B4150 Quad-Core</a> | 3,369                          | 1625                      | 37.57                           | \$89.68*       |
| <a href="#">AMD G-T40E</a>             | 289                            | 3696                      | NA                              | NA             |
| <a href="#">AMD G-T40N</a>             | 299                            | 3673                      | NA                              | NA             |
| <a href="#">AMD G-T40R</a>             | 120                            | 3928                      | NA                              | NA             |
| <a href="#">AMD G-T44R</a>             | 130                            | 3918                      | NA                              | NA             |
| <a href="#">AMD G-T48E</a>             | 437                            | 3510                      | NA                              | NA             |
| <a href="#">AMD G-T52R</a>             | 177                            | 3854                      | NA                              | NA             |
| <a href="#">AMD G-T56E</a>             | 442                            | 3504                      | NA                              | NA             |
| <a href="#">AMD G-T56N</a>             | 481                            | 3468                      | NA                              | NA             |
| <a href="#">AMD Geode NX 2400+</a>     | 400                            | 3550                      | NA                              | NA             |
| <a href="#">AMD GX-210JA SOC</a>       | 248                            | 3751                      | NA                              | NA             |
| <a href="#">AMD GX-212JC SOC</a>       | 600                            | 3341                      | NA                              | NA             |
| <a href="#">AMD GX-217GA SOC</a>       | 782                            | 3144                      | NA                              | NA             |
| <a href="#">AMD GX-218GL SOC</a>       | 754                            | 3175                      | NA                              | NA             |
| <a href="#">AMD GX-222GC SOC</a>       | 1,038                          | 2893                      | NA                              | NA             |
| <a href="#">AMD GX-412HC</a>           | 1,065                          | 2872                      | NA                              | NA             |
| <a href="#">AMD GX-415GA SOC</a>       | 1,411                          | 2591                      | NA                              | NA             |
| <a href="#">AMD GX-420CA SOC</a>       | 1,783                          | 2347                      | NA                              | NA             |
| <a href="#">AMD GX-420MC SOC</a>       | 1,796                          | 2339                      | NA                              | NA             |
| <a href="#">AMD GX-424CC SOC</a>       | 1,748                          | 2368                      | NA                              | NA             |
| <a href="#">AMD Opteron 144</a>        | 316                            | 3648                      | 10.55                           | \$29.95*       |
| <a href="#">AMD Opteron 146</a>        | 346                            | 3614                      | 9.88                            | \$35.00*       |
| <a href="#">AMD Opteron 148</a>        | 392                            | 3563                      | NA                              | NA             |
| <a href="#">AMD Opteron 150</a>        | 393                            | 3561                      | 1.11                            | \$352.94       |
| <a href="#">AMD Opteron 152</a>        | 428                            | 3516                      | NA                              | NA             |
| <a href="#">AMD Opteron 154</a>        | 457                            | 3495                      | NA                              | NA             |
| <a href="#">AMD Opteron 165</a>        | 531                            | 3421                      | 0.97                            | \$550.00*      |
| <a href="#">AMD Opteron 170</a>        | 648                            | 3296                      | NA                              | NA             |

 CPU Benchmarks ▼

| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|                                     |       |      |        |            |
|-------------------------------------|-------|------|--------|------------|
| <a href="#">AMD Opteron 180</a>     | 740   | 3103 | 0.22   | \$119.95   |
| <a href="#">AMD Opteron 185</a>     | 695   | 3241 | NA     | NA         |
| <a href="#">AMD Opteron 254</a>     | 451   | 3500 | NA     | NA         |
| <a href="#">AMD Opteron 270</a>     | 761   | 3171 | 3.04   | \$249.95*  |
| <a href="#">AMD Opteron 275</a>     | 839   | 3085 | 6.46   | \$129.95   |
| <a href="#">AMD Opteron 280</a>     | 765   | 3161 | 3.04   | \$251.35   |
| <a href="#">AMD Opteron 285</a>     | 956   | 2974 | 38.30  | \$24.95*   |
| <a href="#">AMD Opteron 290</a>     | 952   | 2979 | 7.05   | \$135.00*  |
| <a href="#">AMD Opteron 1212</a>    | 593   | 3351 | 2.04   | \$290.00*  |
| <a href="#">AMD Opteron 1212 HE</a> | 771   | 3154 | NA     | NA         |
| <a href="#">AMD Opteron 1214</a>    | 696   | 3239 | 8.30   | \$83.93    |
| <a href="#">AMD Opteron 1214 HE</a> | 806   | 3118 | NA     | NA         |
| <a href="#">AMD Opteron 1216</a>    | 781   | 3146 | 14.23  | \$54.85*   |
| <a href="#">AMD Opteron 1216 HE</a> | 727   | 3206 | NA     | NA         |
| <a href="#">AMD Opteron 1218</a>    | 910   | 3020 | NA     | NA         |
| <a href="#">AMD Opteron 1218 HE</a> | 979   | 2956 | NA     | NA         |
| <a href="#">AMD Opteron 1220</a>    | 1,036 | 2901 | NA     | NA         |
| <a href="#">AMD Opteron 1222</a>    | 1,089 | 2847 | NA     | NA         |
| <a href="#">AMD Opteron 1352</a>    | 1,464 | 2556 | 10.76  | \$135.99*  |
| <a href="#">AMD Opteron 1354</a>    | 1,620 | 2448 | 6.81   | \$238.01*  |
| <a href="#">AMD Opteron 1356</a>    | 1,703 | 2398 | 18.92  | \$89.99*   |
| <a href="#">AMD Opteron 1381</a>    | 1,797 | 2336 | NA     | NA         |
| <a href="#">AMD Opteron 1385</a>    | 1,898 | 2273 | 42.19  | \$45.00    |
| <a href="#">AMD Opteron 1389</a>    | 2,079 | 2169 | NA     | NA         |
| <a href="#">AMD Opteron 2218</a>    | 1,036 | 2898 | 10.75  | \$96.41    |
| <a href="#">AMD Opteron 2220</a>    | 1,106 | 2832 | 1.07   | \$1,038.26 |
| <a href="#">AMD Opteron 2220 SE</a> | 909   | 3022 | 36.35  | \$25.00*   |
| <a href="#">AMD Opteron 2222</a>    | 1,198 | 2745 | 63.08  | \$19.00*   |
| <a href="#">AMD Opteron 2354</a>    | 1,509 | 2522 | 5.29   | \$285.19*  |
| <a href="#">AMD Opteron 2356</a>    | 1,733 | 2377 | 21.67  | \$79.95    |
| <a href="#">AMD Opteron 2373 EE</a> | 1,635 | 2440 | NA     | NA         |
| <a href="#">AMD Opteron 2378</a>    | 1,864 | 2293 | 128.65 | \$14.49*   |
| <a href="#">AMD Opteron 2384</a>    | 2,074 | 2172 | 1.36   | \$1,528.00 |

| CPU Name                            | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|-------------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Opteron 2419 EE</a> | 1,302                          | 2270                      | NA                              | NA             |
| <a href="#">AMD Opteron 2427</a>    | 1,995                          | 2211                      | 36.28                           | \$55.00*       |
| <a href="#">AMD Opteron 2431</a>    | 2,936                          | 1788                      | 117.48                          | \$24.99*       |
| <a href="#">AMD Opteron 2435</a>    | 3,061                          | 1736                      | 279.52                          | \$10.95*       |
| <a href="#">AMD Opteron 3250 HE</a> | 2,061                          | 2180                      | 20.82                           | \$99.00*       |
| <a href="#">AMD Opteron 3260 HE</a> | 2,283                          | 2059                      | NA                              | NA             |
| <a href="#">AMD Opteron 3280</a>    | 3,720                          | 1539                      | 51.65                           | \$72.02        |
| <a href="#">AMD Opteron 3320 EE</a> | 1,918                          | 2256                      | 3.50                            | \$548.00       |
| <a href="#">AMD Opteron 3350 HE</a> | 2,825                          | 1824                      | 7.21                            | \$392.00       |
| <a href="#">AMD Opteron 3365</a>    | 3,990                          | 1479                      | NA                              | NA             |
| <a href="#">AMD Opteron 3380</a>    | 4,134                          | 1451                      | 5.11                            | \$809.00*      |
| <a href="#">AMD Opteron 4130</a>    | 2,347                          | 2018                      | 10.21                           | \$229.95*      |
| <a href="#">AMD Opteron 4162 EE</a> | 2,058                          | 2182                      | 102.97                          | \$19.99*       |
| <a href="#">AMD Opteron 4170 HE</a> | 2,382                          | 1998                      | 7.22                            | \$329.95       |
| <a href="#">AMD Opteron 4184</a>    | 2,872                          | 1809                      | 5.76                            | \$498.95       |
| <a href="#">AMD Opteron 4226</a>    | 3,400                          | 1614                      | 35.81                           | \$94.96*       |
| <a href="#">AMD Opteron 4274 HE</a> | 5,776                          | 1176                      | 75.05                           | \$76.96*       |
| <a href="#">AMD Opteron 4280</a>    | 4,504                          | 1377                      | 47.41                           | \$94.99*       |
| <a href="#">AMD Opteron 4284</a>    | 4,665                          | 1350                      | 45.79                           | \$101.88       |
| <a href="#">AMD Opteron 4332 HE</a> | 3,906                          | 1493                      | 105.59                          | \$36.99*       |
| <a href="#">AMD Opteron 4334</a>    | 3,949                          | 1485                      | 30.39                           | \$129.95       |
| <a href="#">AMD Opteron 4365 EE</a> | 3,485                          | 1592                      | NA                              | NA             |
| <a href="#">AMD Opteron 4386</a>    | 4,378                          | 1401                      | 18.27                           | \$239.67*      |
| <a href="#">AMD Opteron 6128</a>    | 2,826                          | 1822                      | 10.50                           | \$269.00       |
| <a href="#">AMD Opteron 6128 HE</a> | 2,932                          | 1789                      | NA                              | NA             |
| <a href="#">AMD Opteron 6136</a>    | 3,381                          | 1623                      | 9.69                            | \$349.00       |
| <a href="#">AMD Opteron 6164 HE</a> | 3,478                          | 1593                      | NA                              | NA             |
| <a href="#">AMD Opteron 6172</a>    | 2,789                          | 1835                      | 13.95                           | \$199.95       |
| <a href="#">AMD Opteron 6174</a>    | 3,697                          | 1544                      | 0.75                            | \$4,927.00     |
| <a href="#">AMD Opteron 6176 SE</a> | 3,564                          | 1572                      | 14.26                           | \$249.89*      |
| <a href="#">AMD Opteron 6212</a>    | 4,007                          | 1474                      | 62.86                           | \$63.74        |
| <a href="#">AMD Opteron 6220</a>    | 4,753                          | 1336                      | 366.43                          | \$12.97*       |
| <a href="#">AMD Opteron 6234</a>    | 4,072                          | 1464                      | 9.03                            | \$450.99       |

 CPU Benchmarks 

| CPU Name                                     | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Opteron 6212</a>             | 5,240                          | 1201                      | 14.03                           | \$10.00        |
| <a href="#">AMD Opteron 6274</a>             | 5,286                          | 1257                      | 5.97                            | \$885.95       |
| <a href="#">AMD Opteron 6276</a>             | 6,245                          | 1102                      | 158.74                          | \$39.34        |
| <a href="#">AMD Opteron 6281</a>             | 7,279                          | 954                       | NA                              | NA             |
| <a href="#">AMD Opteron 6282 SE</a>          | 6,385                          | 1076                      | 28.58                           | \$223.38*      |
| <a href="#">AMD Opteron 6287 SE</a>          | 6,925                          | 1007                      | NA                              | NA             |
| <a href="#">AMD Opteron 6328</a>             | 5,306                          | 1249                      | 3.32                            | \$1,599.00     |
| <a href="#">AMD Opteron 6344</a>             | 6,069                          | 1132                      | 110.44                          | \$54.95*       |
| <a href="#">AMD Opteron 6348</a>             | 8,030                          | 873                       | 4.70                            | \$1,708.64     |
| <a href="#">AMD Opteron 6366 HE</a>          | 4,858                          | 1320                      | 14.12                           | \$343.99*      |
| <a href="#">AMD Opteron 6376</a>             | 5,572                          | 1207                      | 2.71                            | \$2,055.00     |
| <a href="#">AMD Opteron 6378</a>             | 5,889                          | 1162                      | 3.44                            | \$1,709.89     |
| <a href="#">AMD Opteron 6380</a>             | 6,488                          | 1060                      | 7.58                            | \$855.79*      |
| <a href="#">AMD Opteron 6386 SE</a>          | 8,320                          | 844                       | 61.59                           | \$135.09*      |
| <a href="#">AMD Opteron 8439 SE</a>          | 2,479                          | 1955                      | 47.67                           | \$52.00*       |
| <a href="#">AMD Opteron X2170 APU</a>        | 1,911                          | 2261                      | NA                              | NA             |
| <a href="#">AMD Opteron X3216 APU</a>        | 1,420                          | 2586                      | NA                              | NA             |
| <a href="#">AMD Opteron X3418 APU</a>        | 3,137                          | 1708                      | NA                              | NA             |
| <a href="#">AMD Opteron X3421 APU</a>        | 3,375                          | 1624                      | NA                              | NA             |
| <a href="#">AMD Phenom 8250 Triple-Core</a>  | 1,114                          | 2825                      | NA                              | NA             |
| <a href="#">AMD Phenom 8250e Triple-Core</a> | 1,084                          | 2852                      | 23.08                           | \$46.99*       |
| <a href="#">AMD Phenom 8400 Triple-Core</a>  | 1,079                          | 2854                      | NA                              | NA             |
| <a href="#">AMD Phenom 8450 Triple-Core</a>  | 1,214                          | 2731                      | 71.48                           | \$16.99*       |
| <a href="#">AMD Phenom 8450e Triple-Core</a> | 1,225                          | 2725                      | NA                              | NA             |
| <a href="#">AMD Phenom 8600 Triple-Core</a>  | 1,210                          | 2735                      | 22.84                           | \$52.99*       |
| <a href="#">AMD Phenom 8600B Triple-Core</a> | 1,390                          | 2605                      | 92.96                           | \$14.95*       |
| <a href="#">AMD Phenom 8650 Triple-Core</a>  | 1,205                          | 2742                      | 63.42                           | \$19.00*       |
| <a href="#">AMD Phenom 8750 Triple-Core</a>  | 1,343                          | 2635                      | NA                              | NA             |
| <a href="#">AMD Phenom 8750B Triple-Core</a> | 1,188                          | 2755                      | NA                              | NA             |
| <a href="#">AMD Phenom 8850 Triple-Core</a>  | 1,142                          | 2797                      | NA                              | NA             |
| <a href="#">AMD Phenom 8850B Triple-Core</a> | 1,281                          | 2677                      | NA                              | NA             |
| <a href="#">AMD Phenom 9100e Quad-Core</a>   | 1,279                          | 2682                      | 36.58                           | \$34.95*       |
| <a href="#">AMD Phenom 9150e Quad-Core</a>   | 1,414                          | 2588                      | 5.71                            | \$247.50*      |

 CPU Benchmarks 

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Phenom 9450e Quad-Core</a>     | 1,433                          | 2339                      | 13.00                           | \$103.00       |
| <a href="#">AMD Phenom 9500 Quad-Core</a>      | 1,524                          | 2507                      | 50.83                           | \$29.99*       |
| <a href="#">AMD Phenom 9550 Quad-Core</a>      | 1,597                          | 2461                      | 53.25                           | \$29.99*       |
| <a href="#">AMD Phenom 9600 Quad-Core</a>      | 1,532                          | 2503                      | 38.35                           | \$39.95        |
| <a href="#">AMD Phenom 9600B Quad-Core</a>     | 1,764                          | 2358                      | 44.15                           | \$39.95*       |
| <a href="#">AMD Phenom 9650 Quad-Core</a>      | 1,694                          | 2404                      | 42.36                           | \$39.99*       |
| <a href="#">AMD Phenom 9750 Quad-Core</a>      | 1,805                          | 2331                      | 37.59                           | \$48.02        |
| <a href="#">AMD Phenom 9750B Quad-Core</a>     | 1,520                          | 2511                      | NA                              | NA             |
| <a href="#">AMD Phenom 9850 Quad-Core</a>      | 1,679                          | 2410                      | 12.92                           | \$129.99*      |
| <a href="#">AMD Phenom 9850B Quad-Core</a>     | 1,946                          | 2239                      | NA                              | NA             |
| <a href="#">AMD Phenom 9950 Quad-Core</a>      | 1,922                          | 2253                      | 19.81                           | \$97.04*       |
| <a href="#">AMD Phenom FX-5000 Quad-Core</a>   | 1,599                          | 2459                      | NA                              | NA             |
| <a href="#">AMD Phenom FX-5200 Quad-Core</a>   | 1,699                          | 2401                      | NA                              | NA             |
| <a href="#">AMD Phenom II N620 Dual-Core</a>   | 1,014                          | 2918                      | 254.11                          | \$3.99*        |
| <a href="#">AMD Phenom II N640 Dual-Core</a>   | 965                            | 2968                      | 17.57                           | \$54.95*       |
| <a href="#">AMD Phenom II N660 Dual-Core</a>   | 1,068                          | 2868                      | 12.00                           | \$89.00*       |
| <a href="#">AMD Phenom II N830 3+1</a>         | 1,768                          | 2356                      | NA                              | NA             |
| <a href="#">AMD Phenom II N830 Triple-Core</a> | 1,190                          | 2749                      | NA                              | NA             |
| <a href="#">AMD Phenom II N850 Triple-Core</a> | 1,253                          | 2702                      | 50.13                           | \$25.00*       |
| <a href="#">AMD Phenom II N870 Triple-Core</a> | 1,139                          | 2801                      | NA                              | NA             |
| <a href="#">AMD Phenom II N930 Quad-Core</a>   | 1,558                          | 2483                      | 11.99                           | \$129.95*      |
| <a href="#">AMD Phenom II N950 Quad-Core</a>   | 1,515                          | 2519                      | 13.45                           | \$112.60*      |
| <a href="#">AMD Phenom II N970 Quad-Core</a>   | 1,647                          | 2428                      | 10.98                           | \$149.99*      |
| <a href="#">AMD Phenom II P650 Dual-Core</a>   | 933                            | 2999                      | 26.66                           | \$35.00*       |
| <a href="#">AMD Phenom II P820 Triple-Core</a> | 1,068                          | 2869                      | NA                              | NA             |
| <a href="#">AMD Phenom II P840 Triple-Core</a> | 1,116                          | 2822                      | NA                              | NA             |
| <a href="#">AMD Phenom II P860 Triple-Core</a> | 1,214                          | 2732                      | NA                              | NA             |
| <a href="#">AMD Phenom II P920 Quad-Core</a>   | 1,160                          | 2781                      | 17.85                           | \$65.00*       |
| <a href="#">AMD Phenom II P940 Quad-Core</a>   | 1,319                          | 2653                      | NA                              | NA             |
| <a href="#">AMD Phenom II P960 Quad-Core</a>   | 1,412                          | 2589                      | 36.10                           | \$39.12*       |
| <a href="#">AMD Phenom II X2 511</a>           | 1,163                          | 2779                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 521</a>           | 1,279                          | 2681                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 545</a>           | 1,107                          | 2830                      | 25.18                           | \$43.98*       |

## CPU Benchmarks

| CPU Name                              | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---------------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Phenom II X2 555</a>  | 1,323                          | 2030                      | 100.09                          | \$13.14        |
| <a href="#">AMD Phenom II X2 560</a>  | 1,426                          | 2582                      | 59.53                           | \$23.96        |
| <a href="#">AMD Phenom II X2 565</a>  | 1,405                          | 2598                      | 8.32                            | \$168.87*      |
| <a href="#">AMD Phenom II X2 570</a>  | 1,360                          | 2621                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 B53</a>  | 1,137                          | 2805                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 B55</a>  | 1,151                          | 2789                      | 30.34                           | \$37.95*       |
| <a href="#">AMD Phenom II X2 B57</a>  | 1,099                          | 2839                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 B59</a>  | 1,431                          | 2577                      | 29.80                           | \$48.02*       |
| <a href="#">AMD Phenom II X3 700e</a> | 1,451                          | 2561                      | NA                              | NA             |
| <a href="#">AMD Phenom II X3 705e</a> | 1,222                          | 2726                      | 8.02                            | \$152.34*      |
| <a href="#">AMD Phenom II X3 710</a>  | 1,554                          | 2488                      | 9.20                            | \$169.00*      |
| <a href="#">AMD Phenom II X3 720</a>  | 1,494                          | 2534                      | 23.17                           | \$64.45*       |
| <a href="#">AMD Phenom II X3 740</a>  | 1,424                          | 2584                      | 16.00                           | \$88.99*       |
| <a href="#">AMD Phenom II X3 B73</a>  | 1,538                          | 2501                      | 20.50                           | \$75.00*       |
| <a href="#">AMD Phenom II X3 B75</a>  | 1,560                          | 2481                      | 31.23                           | \$49.95*       |
| <a href="#">AMD Phenom II X3 B77</a>  | 1,844                          | 2311                      | 82.71                           | \$22.29*       |
| <a href="#">AMD Phenom II X4 805</a>  | 1,931                          | 2248                      | 11.10                           | \$173.99*      |
| <a href="#">AMD Phenom II X4 810</a>  | 1,899                          | 2272                      | 8.92                            | \$213.00*      |
| <a href="#">AMD Phenom II X4 820</a>  | 2,041                          | 2189                      | 32.90                           | \$62.02*       |
| <a href="#">AMD Phenom II X4 830</a>  | 2,082                          | 2166                      | 109.54                          | \$19.01*       |
| <a href="#">AMD Phenom II X4 840</a>  | 2,361                          | 2009                      | 99.04                           | \$23.84        |
| <a href="#">AMD Phenom II X4 840T</a> | 2,279                          | 2064                      | 39.28                           | \$58.02*       |
| <a href="#">AMD Phenom II X4 850</a>  | 2,266                          | 2074                      | 34.86                           | \$64.99*       |
| <a href="#">AMD Phenom II X4 900e</a> | 1,505                          | 2524                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 905e</a> | 1,895                          | 2274                      | 35.11                           | \$53.99*       |
| <a href="#">AMD Phenom II X4 910</a>  | 1,776                          | 2350                      | 17.76                           | \$100.00*      |
| <a href="#">AMD Phenom II X4 910e</a> | 2,044                          | 2188                      | 29.24                           | \$69.90*       |
| <a href="#">AMD Phenom II X4 920</a>  | 2,031                          | 2193                      | 72.82                           | \$27.89*       |
| <a href="#">AMD Phenom II X4 925</a>  | 2,193                          | 2112                      | 105.65                          | \$20.76*       |
| <a href="#">AMD Phenom II X4 940</a>  | 2,278                          | 2068                      | 2.62                            | \$870.00*      |
| <a href="#">AMD Phenom II X4 945</a>  | 2,281                          | 2060                      | 84.52                           | \$26.99        |
| <a href="#">AMD Phenom II X4 955</a>  | 2,438                          | 1972                      | 13.84                           | \$176.18*      |
| <a href="#">AMD Phenom II X4 960T</a> | 2,259                          | 2079                      | 80.68                           | \$28.00        |





## CPU Benchmarks



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Phenom II X4 970</a>            | 2,044                          | 1009                      | 44.13                           | \$39.09        |
| <a href="#">AMD Phenom II X4 973</a>            | 2,204                          | 2107                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 975</a>            | 2,581                          | 1915                      | 36.89                           | \$69.95        |
| <a href="#">AMD Phenom II X4 977</a>            | 2,377                          | 2000                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 980</a>            | 2,839                          | 1820                      | 21.83                           | \$130.00*      |
| <a href="#">AMD Phenom II X4 B05e</a>           | 1,906                          | 2268                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B15e</a>           | 1,825                          | 2319                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B25</a>            | 2,108                          | 2151                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B35</a>            | 2,341                          | 2023                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B40</a>            | 2,238                          | 2090                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B45</a>            | 2,233                          | 2092                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B50</a>            | 2,280                          | 2062                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B55</a>            | 2,465                          | 1960                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B60</a>            | 2,546                          | 1928                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B65</a>            | 2,690                          | 1869                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B70</a>            | 2,303                          | 2045                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B93</a>            | 2,104                          | 2155                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B95</a>            | 2,342                          | 2021                      | 37.77                           | \$62.02        |
| <a href="#">AMD Phenom II X4 B97</a>            | 2,498                          | 1947                      | 31.25                           | \$79.95*       |
| <a href="#">AMD Phenom II X4 B99</a>            | 2,536                          | 1932                      | NA                              | NA             |
| <a href="#">AMD Phenom II X6 1035T</a>          | 2,962                          | 1771                      | 27.43                           | \$108.00       |
| <a href="#">AMD Phenom II X6 1045T</a>          | 3,050                          | 1738                      | 66.08                           | \$46.15        |
| <a href="#">AMD Phenom II X6 1055T</a>          | 3,218                          | 1677                      | 84.69                           | \$38.00        |
| <a href="#">AMD Phenom II X6 1065T</a>          | 3,341                          | 1633                      | 33.42                           | \$99.98*       |
| <a href="#">AMD Phenom II X6 1075T</a>          | 3,299                          | 1645                      | 49.96                           | \$66.03        |
| <a href="#">AMD Phenom II X6 1090T</a>          | 3,687                          | 1547                      | 51.40                           | \$71.73        |
| <a href="#">AMD Phenom II X6 1100T</a>          | 3,757                          | 1529                      | 25.08                           | \$149.79       |
| <a href="#">AMD Phenom II X6 1405T</a>          | 3,335                          | 1636                      | NA                              | NA             |
| <a href="#">AMD Phenom II X620 Dual-Core</a>    | 1,262                          | 2695                      | NA                              | NA             |
| <a href="#">AMD Phenom II X640 Dual-Core</a>    | 1,165                          | 2777                      | NA                              | NA             |
| <a href="#">AMD Phenom II X920 Quad-Core</a>    | 1,669                          | 2415                      | NA                              | NA             |
| <a href="#">AMD Phenom II X940 Quad-Core</a>    | 1,797                          | 2334                      | NA                              | NA             |
| <a href="#">AMD Phenom X2 Dual-Core GE-5060</a> | 1,566                          | 2478                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">AMD Phenom X2 Dual-Core GE-7000</a>  | 1,010                          | 2921                      | NA                              | NA             |
| <a href="#">AMD Phenom X2 Dual-Core GP-7730</a>  | 884                            | 3038                      | NA                              | NA             |
| <a href="#">AMD Phenom X3 8550</a>   | 976                            | 2958                      | 32.59                           | \$29.95*       |
| <a href="#">AMD Phenom X4 Quad-Core GP-9500</a>  | 1,297                          | 2665                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GP-9530</a>  | 1,228                          | 2721                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GP-9600</a>  | 1,649                          | 2427                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GP-9730</a>  | 1,784                          | 2344                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GS-6560</a>  | 1,063                          | 2875                      | NA                              | NA             |
| <a href="#">AMD PRO A4-3350B APU</a>   | 1,702                          | 2400                      | NA                              | NA             |
| <a href="#">AMD PRO A4-4350B</a>   | 1,109                          | 2829                      | NA                              | NA             |
| <a href="#">AMD PRO A4-8350B</a>   | 1,552                          | 2490                      | 53.53                           | \$28.99*       |
| <a href="#">AMD PRO A6-7350B</a>   | 1,679                          | 2412                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8500B</a>   | 1,704                          | 2395                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8530B</a>   | 1,498                          | 2530                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8550B</a>   | 1,885                          | 2277                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8570</a>  | 1,887                          | 2276                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8570E</a>   | 1,489                          | 2536                      | NA                              | NA             |
| <a href="#">AMD PRO A6-9500</a>  | 1,695                          | 2403                      | 22.91                           | \$74.00*       |
| <a href="#">AMD PRO A6-9500B</a>   | 1,371                          | 2616                      | NA                              | NA             |
| <a href="#">AMD PRO A6-9500E</a>   | 1,662                          | 2418                      | 22.46                           | \$74.00*       |
| <a href="#">AMD PRO A8-8600B</a>   | 2,122                          | 2143                      | NA                              | NA             |
| <a href="#">AMD PRO A8-8650B</a>   | 3,237                          | 1670                      | NA                              | NA             |
| <a href="#">AMD PRO A8-8670E</a>   | 2,989                          | 1759                      | NA                              | NA             |
| <a href="#">AMD PRO A8-9600</a>  | 3,285                          | 1652                      | 27.60                           | \$119.00*      |
| <a href="#">AMD PRO A8-9600B</a>   | 2,387                          | 1996                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8700B</a>  | 2,253                          | 2083                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8730B</a>  | 2,401                          | 1992                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8750B</a>  | 2,911                          | 1794                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8770</a>   | 3,465                          | 1599                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8770E</a>  | 3,083                          | 1729                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8850B</a>  | 3,752                          | 1531                      | NA                              | NA             |
| <a href="#">AMD PRO A10-9700</a>   | 3,680                          | 1549                      | 21.78                           | \$169.00*      |
| <a href="#">AMD PRO A10-9700B</a>  | 2,602                          | 1903                      | NA                              | NA             |



| CPU Name                           | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|------------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD PRO A12-8800B</a>  | 2,300                          | 1911                      | NA                              | NA             |
| <a href="#">AMD PRO A12-8830B</a>  | 2,297                          | 2049                      | NA                              | NA             |
| <a href="#">AMD PRO A12-8870</a>   | 3,848                          | 1506                      | NA                              | NA             |
| <a href="#">AMD PRO A12-8870E</a>  | 2,945                          | 1783                      | NA                              | NA             |
| <a href="#">AMD PRO A12-9800</a>   | 3,758                          | 1528                      | 22.24                           | \$169.00*      |
| <a href="#">AMD PRO A12-9800B</a>  | 2,741                          | 1850                      | NA                              | NA             |
| <a href="#">AMD PRO A12-9800E</a>  | 3,182                          | 1693                      | 18.83                           | \$169.00*      |
| <a href="#">AMD QC-4000</a>        | 1,155                          | 2785                      | NA                              | NA             |
| <a href="#">AMD R-260H APU</a>     | 954                            | 2977                      | NA                              | NA             |
| <a href="#">AMD R-272F APU</a>     | 1,215                          | 2730                      | NA                              | NA             |
| <a href="#">AMD R-460L APU</a>     | 1,183                          | 2756                      | NA                              | NA             |
| <a href="#">AMD R-464L APU</a>     | 1,773                          | 2351                      | NA                              | NA             |
| <a href="#">AMD RX-425BB</a>       | 2,724                          | 1858                      | NA                              | NA             |
| <a href="#">AMD RX-427BB</a>       | 2,729                          | 1855                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 1200</a>   | 6,314                          | 1091                      | 105.66                          | \$59.76        |
| <a href="#">AMD Ryzen 3 1300X</a>  | 6,952                          | 1004                      | 67.20                           | \$103.45       |
| <a href="#">AMD Ryzen 3 2200G</a>  | 6,772                          | 1036                      | 48.34                           | \$140.09       |
| <a href="#">AMD Ryzen 3 2200GE</a> | 6,351                          | 1079                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 2200U</a>  | 3,687                          | 1548                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 2300U</a>  | 5,557                          | 1210                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 2300X</a>  | 7,585                          | 914                       | 42.59                           | \$178.09*      |
| <a href="#">AMD Ryzen 3 3100</a>   | 11,649                         | 641                       | 77.69                           | \$149.95       |
| <a href="#">AMD Ryzen 3 3200G</a>  | 7,187                          | 964                       | 53.24                           | \$134.99       |
| <a href="#">AMD Ryzen 3 3200GE</a> | 7,317                          | 950                       | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3200U</a>  | 3,864                          | 1502                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3250C</a>  | 3,044                          | 1743                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3250U</a>  | 3,935                          | 1487                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3300U</a>  | 5,765                          | 1178                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3300X</a>  | 12,689                         | 606                       | 50.76                           | \$250.00       |
| <a href="#">AMD Ryzen 3 3350U</a>  | 5,897                          | 1161                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 4100</a>   | 11,336                         | 657                       | 94.47                           | \$119.99       |
| <a href="#">AMD Ryzen 3 4300G</a>  | 10,765                         | 687                       | NA                              | NA             |
| <a href="#">AMD Ryzen 3 4300GE</a> | 11,314                         | 662                       | NA                              | NA             |



## CPU Benchmarks



| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|  |        |      |        |          |
|--|--------|------|--------|----------|
| <a href="#">AMD Ryzen 3 3300G</a>      | 13,003 | 593  | NA     | NA       |
| <a href="#">AMD Ryzen 3 5300GE</a>     | 13,636 | 560  | NA     | NA       |
| <a href="#">AMD Ryzen 3 5300U</a>      | 9,934  | 739  | NA     | NA       |
| <a href="#">AMD Ryzen 3 5400U</a>      | 10,831 | 682  | NA     | NA       |
| <a href="#">AMD Ryzen 3 5425U</a>      | 11,331 | 658  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 1200</a>   | 6,347  | 1081 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 1300</a>   | 7,498  | 925  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 2100GE</a> | 4,187  | 1437 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 2200G</a>  | 6,710  | 1040 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 2200GE</a> | 6,021  | 1142 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 2300U</a>  | 5,975  | 1149 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 3200G</a>  | 6,912  | 1012 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 3200GE</a> | 7,071  | 981  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 3300U</a>  | 6,180  | 1112 | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 4200G</a>  | 11,315 | 661  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 4200GE</a> | 10,930 | 677  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 4350G</a>  | 10,914 | 678  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 4350GE</a> | 11,082 | 670  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 4450U</a>  | 10,056 | 724  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 5350G</a>  | 13,962 | 548  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 5350GE</a> | 13,685 | 557  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 5450U</a>  | 11,082 | 669  | NA     | NA       |
| <a href="#">AMD Ryzen 3 PRO 5475U</a>  | 12,074 | 628  | NA     | NA       |
| <a href="#">AMD Ryzen 5 1400</a>       | 7,787  | 891  | 120.36 | \$64.70  |
| <a href="#">AMD Ryzen 5 1500X</a>      | 9,111  | 792  | 118.32 | \$77.00  |
| <a href="#">AMD Ryzen 5 1600</a>       | 12,320 | 615  | 145.03 | \$84.95  |
| <a href="#">AMD Ryzen 5 1600X</a>      | 13,085 | 589  | 148.88 | \$87.89  |
| <a href="#">AMD Ryzen 5 2400G</a>      | 8,729  | 813  | 64.66  | \$134.99 |
| <a href="#">AMD Ryzen 5 2400GE</a>     | 7,661  | 905  | NA     | NA       |
| <a href="#">AMD Ryzen 5 2500U</a>      | 6,533  | 1052 | NA     | NA       |
| <a href="#">AMD Ryzen 5 2500X</a>      | 9,438  | 764  | NA     | NA       |
| <a href="#">AMD Ryzen 5 2600</a>       | 13,246 | 580  | 147.20 | \$89.99  |
| <a href="#">AMD Ryzen 5 2600H</a>      | 7,876  | 888  | NA     | NA       |

| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks



|                                    |        |      |        |          |
|------------------------------------|--------|------|--------|----------|
| <a href="#">AMD Ryzen 5 3300G</a>  | 9,113  | 730  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3350GE</a> | 9,343  | 770  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3400G</a>  | 9,338  | 771  | 40.63  | \$229.83 |
| <a href="#">AMD Ryzen 5 3400GE</a> | 8,900  | 801  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3450U</a>  | 6,773  | 1034 | NA     | NA       |
| <a href="#">AMD Ryzen 5 3500</a>   | 12,830 | 602  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3500C</a>  | 5,214  | 1270 | NA     | NA       |
| <a href="#">AMD Ryzen 5 3500U</a>  | 7,065  | 984  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3500X</a>  | 13,265 | 578  | 88.44  | \$149.99 |
| <a href="#">AMD Ryzen 5 3550H</a>  | 7,958  | 878  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3550U</a>  | 7,681  | 902  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3580U</a>  | 7,383  | 940  | NA     | NA       |
| <a href="#">AMD Ryzen 5 3600</a>   | 17,815 | 395  | 137.06 | \$129.98 |
| <a href="#">AMD Ryzen 5 3600X</a>  | 18,297 | 382  | 74.68  | \$245.00 |
| <a href="#">AMD Ryzen 5 3600XT</a> | 18,731 | 367  | 56.76  | \$329.99 |
| <a href="#">AMD Ryzen 5 4500</a>   | 15,908 | 459  | 145.94 | \$109.00 |
| <a href="#">AMD Ryzen 5 4500U</a>  | 11,054 | 672  | NA     | NA       |
| <a href="#">AMD Ryzen 5 4600G</a>  | 15,596 | 471  | 105.94 | \$147.22 |
| <a href="#">AMD Ryzen 5 4600GE</a> | 15,641 | 468  | NA     | NA       |
| <a href="#">AMD Ryzen 5 4600H</a>  | 14,679 | 510  | NA     | NA       |
| <a href="#">AMD Ryzen 5 4600HS</a> | 14,741 | 507  | NA     | NA       |
| <a href="#">AMD Ryzen 5 4600U</a>  | 13,445 | 569  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5500</a>   | 19,475 | 345  | 158.39 | \$122.96 |
| <a href="#">AMD Ryzen 5 5500U</a>  | 13,149 | 585  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5560U</a>  | 15,408 | 478  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5600</a>   | 21,499 | 283  | 135.22 | \$159.00 |
| <a href="#">AMD Ryzen 5 5600G</a>  | 19,837 | 333  | 130.52 | \$151.99 |
| <a href="#">AMD Ryzen 5 5600GE</a> | 18,879 | 362  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5600H</a>  | 17,108 | 419  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5600U</a>  | 15,307 | 482  | NA     | NA       |
| <a href="#">AMD Ryzen 5 5600X</a>  | 21,970 | 275  | 129.26 | \$169.97 |
| <a href="#">AMD Ryzen 5 5625U</a>  | 14,507 | 520  | NA     | NA       |
| <a href="#">AMD Ryzen 5 6600H</a>  | 19,148 | 355  | NA     | NA       |

| CPU Name                               | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 5 5600U</a>      | 11,004                         | 331                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 7600X</a>      | 28,615                         | 144                       | 95.70                           | \$299.00       |
| <a href="#">AMD Ryzen 5 PRO 1500</a>   | 9,336                          | 772                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 1600</a>   | 10,401                         | 706                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2400G</a>  | 8,360                          | 840                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2400GE</a> | 7,564                          | 916                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2500U</a>  | 6,809                          | 1027                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2600</a>   | 13,250                         | 579                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3350G</a>  | 9,431                          | 765                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3350GE</a> | 9,643                          | 756                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3400G</a>  | 9,295                          | 775                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3400GE</a> | 8,270                          | 849                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3500U</a>  | 6,991                          | 994                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3600</a>   | 17,813                         | 396                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4400G</a>  | 16,354                         | 446                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4400GE</a> | 14,795                         | 505                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4500U</a>  | 12,049                         | 629                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4650G</a>  | 16,321                         | 448                       | 74.20                           | \$219.96       |
| <a href="#">AMD Ryzen 5 PRO 4650GE</a> | 15,596                         | 472                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4650U</a>  | 12,818                         | 603                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5645</a>   | 21,762                         | 279                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5650G</a>  | 20,156                         | 323                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5650GE</a> | 18,657                         | 368                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5650U</a>  | 15,128                         | 490                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5675U</a>  | 14,059                         | 541                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 6650H</a>  | 20,103                         | 324                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 6650U</a>  | 17,057                         | 423                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 1700</a>       | 14,843                         | 503                       | 146.01                          | \$101.66       |
| <a href="#">AMD Ryzen 7 1700X</a>      | 15,685                         | 466                       | 93.33                           | \$168.06       |
| <a href="#">AMD Ryzen 7 1800X</a>      | 16,450                         | 442                       | 97.37                           | \$168.94       |
| <a href="#">AMD Ryzen 7 2700</a>       | 15,785                         | 463                       | 126.38                          | \$124.90       |
| <a href="#">AMD Ryzen 7 2700E</a>      | 14,657                         | 511                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 2700U</a>      | 6,855                          | 1020                      | NA                              | NA             |

 CPU Benchmarks ▼

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 7 4800H</a>                           | 7,000                          | 900                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3700C</a>                           | 7,145                          | 970                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3700U</a>                           | 7,249                          | 956                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3700X</a>                           | 22,707                         | 252                       | 87.34                           | \$260.00       |
| <a href="#">AMD Ryzen 7 3750H</a>                           | 8,261                          | 852                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3780U</a>                           | 7,651                          | 907                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3800X</a>                           | 23,313                         | 234                       | 90.36                           | \$257.99       |
| <a href="#">AMD Ryzen 7 3800XT</a>                          | 23,766                         | 219                       | 67.90                           | \$350.00       |
| <a href="#">AMD Ryzen 7 4700G</a>                           | 20,207                         | 321                       | 84.85                           | \$238.16       |
| <a href="#">AMD Ryzen 7 4700GE</a>                          | 20,218                         | 320                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4700U</a>                           | 13,544                         | 562                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4800H</a>                           | 18,952                         | 361                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4800HS</a>                          | 18,790                         | 366                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4800U</a>                           | 17,004                         | 428                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4850U Mobile</a>                    | 15,920                         | 458                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4980U Microsoft Surface Edition</a> | 17,532                         | 406                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5700</a>                            | 24,766                         | 202                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5700G</a>                           | 24,570                         | 206                       | 105.00                          | \$234.01       |
| <a href="#">AMD Ryzen 7 5700GE</a>                          | 22,484                         | 258                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5700U</a>                           | 15,889                         | 461                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5700X</a>                           | 26,639                         | 172                       | 111.46                          | \$239.00       |
| <a href="#">AMD Ryzen 7 5800</a>                            | 25,894                         | 182                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800H</a>                           | 21,353                         | 285                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800HS</a>                          | 20,673                         | 307                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800HS Creator Edition</a>          | 20,948                         | 299                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800U</a>                           | 18,811                         | 365                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800X</a>                           | 28,139                         | 151                       | 104.61                          | \$269.00       |
| <a href="#">AMD Ryzen 7 5800X3D</a>                         | 27,584                         | 158                       | 65.68                           | \$419.99       |
| <a href="#">AMD Ryzen 7 5825U</a>                           | 18,339                         | 381                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 6800H</a>                           | 23,726                         | 221                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 6800HS</a>                          | 22,734                         | 250                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 6800HS Creator Edition</a>          | 23,635                         | 223                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 6800U</a>                           | 21,036                         | 295                       | NA                              | NA             |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">AMD Ryzen 7 Extreme Edition</a>  | 10,132                         | 500                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 1700</a>   | 14,568                         | 513                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 1700X</a>  | 15,613                         | 470                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 2700</a>   | 15,203                         | 487                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 2700U</a>  | 7,321                          | 949                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 2700X</a>  | 17,221                         | 416                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 3700</a>   | 23,045                         | 241                       | 69.83                           | \$329.99*      |
| <a href="#">AMD Ryzen 7 PRO 3700U</a>  | 7,324                          | 948                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 4700G</a>  | 20,848                         | 301                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 4750G</a>  | 20,569                         | 311                       | 85.71                           | \$239.99       |
| <a href="#">AMD Ryzen 7 PRO 4750GE</a>   | 18,470                         | 375                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 4750U</a>  | 15,360                         | 480                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5750G</a>  | 24,844                         | 198                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5750GE</a>   | 22,258                         | 263                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5845</a>   | 26,807                         | 169                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5850U</a>  | 17,397                         | 411                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5875U</a>  | 16,367                         | 445                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 6850H</a>  | 23,543                         | 228                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 6850HS</a>   | 20,062                         | 328                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 6850U</a>  | 20,961                         | 297                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 6860Z</a>  | 22,026                         | 271                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 3900</a>   | 30,631                         | 125                       | 61.14                           | \$501.00       |
| <a href="#">AMD Ryzen 9 3900X</a>  | 32,764                         | 109                       | 94.97                           | \$345.00       |
| <a href="#">AMD Ryzen 9 3900XT</a>   | 32,950                         | 106                       | 89.31                           | \$368.93       |
| <a href="#">AMD Ryzen 9 3950X</a>  | 39,034                         | 76                        | 63.48                           | \$614.92       |
| <a href="#">AMD Ryzen 9 4900H</a>  | 19,224                         | 352                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 4900HS</a>   | 19,335                         | 348                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900</a>   | 34,617                         | 93                        | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900H</a>  | 20,960                         | 298                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900HS</a>   | 22,154                         | 266                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900HX</a>   | 22,992                         | 244                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900X</a>  | 39,314                         | 75                        | 112.33                          | \$349.99       |
| <a href="#">AMD Ryzen 9 5950X</a>  | 45,860                         | 52                        | 83.53                           | \$549.00       |



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 9 5980HX</a>                            | 23,117                         | 240                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 6900HS</a>                            | 24,042                         | 213                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 6900HS Creator Edition</a>            | 22,265                         | 262                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 6900HX</a>                            | 24,830                         | 199                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 7900X</a>                             | 51,725                         | 38                        | 94.22                           | \$549.00       |
| <a href="#">AMD Ryzen 9 7950X</a>                             | 64,439                         | 19                        | 92.19                           | \$699.00       |
| <a href="#">AMD Ryzen 9 PRO 3900</a>                          | 31,407                         | 118                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 PRO 5945</a>                          | 34,271                         | 97                        | NA                              | NA             |
| <a href="#">AMD Ryzen 9 PRO 6950H</a>                         | 23,822                         | 217                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 PRO 6950HS</a>                        | 23,843                         | 216                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1305G</a>                     | 3,109                          | 1719                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1505G</a>                     | 3,870                          | 1500                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1606G</a>                     | 4,166                          | 1442                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R2312</a>                      | 3,720                          | 1538                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R2314</a>                      | 6,584                          | 1046                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1202B</a>                     | 3,532                          | 1577                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1404I</a>                     | 6,241                          | 1103                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1500B</a>                     | 4,588                          | 1364                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1500B Quad-core @ 2.20GHz</a> | 5,417                          | 1233                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1605B</a>                     | 6,866                          | 1017                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1756B</a>                     | 8,339                          | 842                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1807B</a>                     | 8,491                          | 828                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V2516</a>                      | 13,225                         | 581                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V2718</a>                      | 16,500                         | 440                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V2748</a>                      | 16,241                         | 449                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper 1900X</a>                  | 16,999                         | 429                       | 70.83                           | \$239.99       |
| <a href="#">AMD Ryzen Threadripper 1920</a>                   | 22,066                         | 268                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper 1920X</a>                  | 22,773                         | 248                       | 70.07                           | \$325.00       |
| <a href="#">AMD Ryzen Threadripper 1950X</a>                  | 27,916                         | 155                       | 84.88                           | \$328.90       |
| <a href="#">AMD Ryzen Threadripper 2920X</a>                  | 24,929                         | 196                       | 24.30                           | \$1,026.00     |
| <a href="#">AMD Ryzen Threadripper 2950X</a>                  | 29,592                         | 135                       | 36.99                           | \$799.95       |
| <a href="#">AMD Ryzen Threadripper 2970WX</a>                 | 30,304                         | 128                       | 28.06                           | \$1,079.99     |
| <a href="#">AMD Ryzen Threadripper 2990WX</a>                 | 32,370                         | 111                       | 10.83                           | \$2,990.00     |

## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen Threadripper 3900X</a>      | 34,000                         | 32                        | 40.43                           | \$1,333.00     |
| <a href="#">AMD Ryzen Threadripper 3970X</a>      | 63,543                         | 20                        | 31.77                           | \$1,999.99     |
| <a href="#">AMD Ryzen Threadripper 3990X</a>      | 81,282                         | 8                         | 12.14                           | \$6,697.88     |
| <a href="#">AMD Ryzen Threadripper PRO 3945WX</a> | 33,302                         | 103                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper PRO 3955WX</a> | 39,969                         | 73                        | 30.75                           | \$1,300.00     |
| <a href="#">AMD Ryzen Threadripper PRO 3975WX</a> | 62,878                         | 21                        | 20.16                           | \$3,118.99     |
| <a href="#">AMD Ryzen Threadripper PRO 3995WX</a> | 83,153                         | 7                         | 12.07                           | \$6,888.83     |
| <a href="#">AMD Ryzen Threadripper PRO 5945WX</a> | 40,784                         | 69                        | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper PRO 5955WX</a> | 49,726                         | 41                        | 35.33                           | \$1,407.35     |
| <a href="#">AMD Ryzen Threadripper PRO 5965WX</a> | 67,610                         | 16                        | 26.31                           | \$2,570.16     |
| <a href="#">AMD Ryzen Threadripper PRO 5975WX</a> | 78,530                         | 9                         | 23.80                           | \$3,299.00     |
| <a href="#">AMD Ryzen Threadripper PRO 5995WX</a> | 98,125                         | 1                         | 12.52                           | \$7,836.53     |
| <a href="#">AMD Sempron 130</a>                   | 501                            | 3448                      | 16.69                           | \$30.00*       |
| <a href="#">AMD Sempron 140</a>                   | 472                            | 3482                      | 39.46                           | \$11.95*       |
| <a href="#">AMD Sempron 145</a>                   | 509                            | 3444                      | 12.72                           | \$39.99        |
| <a href="#">AMD Sempron 150</a>                   | 593                            | 3349                      | 39.68                           | \$14.95*       |
| <a href="#">AMD Sempron 200U</a>                  | 125                            | 3922                      | 1.43                            | \$87.00*       |
| <a href="#">AMD Sempron 210U</a>                  | 267                            | 3726                      | NA                              | NA             |
| <a href="#">AMD Sempron 240</a>                   | 1,278                          | 2685                      | 35.39                           | \$36.10*       |
| <a href="#">AMD Sempron 2200+</a>                 | 184                            | 3842                      | 4.60                            | \$39.95*       |
| <a href="#">AMD Sempron 2300+</a>                 | 207                            | 3810                      | 4.60                            | \$45.00*       |
| <a href="#">AMD Sempron 2400+</a>                 | 205                            | 3814                      | 15.74                           | \$12.99*       |
| <a href="#">AMD Sempron 2500+</a>                 | 207                            | 3809                      | 3.45                            | \$59.95*       |
| <a href="#">AMD Sempron 2600+</a>                 | 253                            | 3743                      | 7.23                            | \$34.95*       |
| <a href="#">AMD Sempron 2650 APU</a>              | 561                            | 3391                      | 4.92                            | \$114.00*      |
| <a href="#">AMD Sempron 2800+</a>                 | 243                            | 3760                      | 8.11                            | \$29.95*       |
| <a href="#">AMD Sempron 3000+</a>                 | 268                            | 3725                      | 7.66                            | \$34.95*       |
| <a href="#">AMD Sempron 3100+</a>                 | 298                            | 3675                      | 4.58                            | \$65.00*       |
| <a href="#">AMD Sempron 3200+</a>                 | 251                            | 3749                      | 2.01                            | \$124.68*      |
| <a href="#">AMD Sempron 3300+</a>                 | 315                            | 3654                      | 15.74                           | \$20.00*       |
| <a href="#">AMD Sempron 3400+</a>                 | 292                            | 3687                      | 3.37                            | \$86.68*       |
| <a href="#">AMD Sempron 3500+</a>                 | 232                            | 3783                      | 9.28                            | \$24.99*       |
| <a href="#">AMD Sempron 3600+</a>                 | 364                            | 3592                      | 24.24                           | \$15.00*       |

## CPU Benchmarks





| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">AMD Sempron 3850 APU</a>   | 1,133                          | 2100                      | 24.23                           | \$41.31        |
| <a href="#">AMD Sempron Dual Core 2100</a>   | 533                            | 3417                      | 14.04                           | \$37.99*       |
| <a href="#">AMD Sempron Dual Core 2200</a>   | 563                            | 3386                      | 14.09                           | \$39.95*       |
| <a href="#">AMD Sempron Dual Core 2300</a>   | 555                            | 3397                      | 13.22                           | \$41.99*       |
| <a href="#">AMD Sempron LE-1100</a>  | 315                            | 3650                      | 9.02                            | \$34.95*       |
| <a href="#">AMD Sempron LE-1150</a>  | 251                            | 3747                      | 16.82                           | \$14.94*       |
| <a href="#">AMD Sempron LE-1200</a>  | 349                            | 3609                      | 23.32                           | \$14.95*       |
| <a href="#">AMD Sempron LE-1250</a>  | 301                            | 3671                      | 3.01                            | \$99.99*       |
| <a href="#">AMD Sempron LE-1300</a>  | 400                            | 3551                      | 14.81                           | \$27.00*       |
| <a href="#">AMD Sempron M100</a>   | 338                            | 3622                      | 28.15                           | \$12.00*       |
| <a href="#">AMD Sempron M120</a>   | 247                            | 3754                      | NA                              | NA             |
| <a href="#">AMD Sempron SI-40</a>  | 288                            | 3697                      | 24.02                           | \$12.00*       |
| <a href="#">AMD Sempron SI-42</a>  | 261                            | 3734                      | 8.70                            | \$29.99*       |
| <a href="#">AMD Sempron X2 180</a>   | 826                            | 3098                      | 11.90                           | \$69.40*       |
| <a href="#">AMD Sempron X2 190</a>   | 879                            | 3040                      | 10.53                           | \$83.44*       |
| <a href="#">AMD Sempron X2 198 Dual-Core</a>   | 930                            | 3002                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MK-36</a>   | 334                            | 3634                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MK-38</a>   | 362                            | 3593                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-28</a>   | 254                            | 3740                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-30</a>   | 277                            | 3711                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-32</a>   | 285                            | 3700                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-34</a>   | 277                            | 3712                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-37</a>   | 334                            | 3631                      | 12.86                           | \$25.99*       |
| <a href="#">AMD Turion 64 Mobile ML-40</a>   | 336                            | 3626                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-42</a>   | 400                            | 3549                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-44</a>   | 384                            | 3571                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MT-30</a>   | 246                            | 3755                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MT-32</a>   | 286                            | 3699                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MT-34</a>   | 279                            | 3708                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MT-37</a>   | 315                            | 3652                      | NA                              | NA             |
| <a href="#">AMD Turion 64 X2 Mobile TL-50</a>  | 466                            | 3491                      | 24.56                           | \$18.99*       |
| <a href="#">AMD Turion 64 X2 Mobile TL-52</a>  | 498                            | 3453                      | NA                              | NA             |
| <a href="#">AMD Turion 64 X2 Mobile TL-56</a>  | 451                            | 3499                      | 6.90                            | \$65.40*       |



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Turion 64 X2 Mobile TL-60</a>             | 600                            | 3330                      | 31.37                           | \$13.95        |
| <a href="#">AMD Turion 64 X2 Mobile TL-62</a>             | 756                            | 3173                      | 26.06                           | \$29.00*       |
| <a href="#">AMD Turion 64 X2 Mobile TL-64</a>             | 675                            | 3267                      | 17.14                           | \$39.39*       |
| <a href="#">AMD Turion 64 X2 Mobile TL-66</a>             | 696                            | 3240                      | 7.82                            | \$89.00*       |
| <a href="#">AMD Turion 64 X2 Mobile TL-68</a>             | 866                            | 3055                      | 9.62                            | \$90.00*       |
| <a href="#">AMD Turion Dual-Core RM-70</a>                | 561                            | 3389                      | 22.46                           | \$25.00*       |
| <a href="#">AMD Turion Dual-Core RM-72</a>                | 649                            | 3294                      | 21.63                           | \$29.99*       |
| <a href="#">AMD Turion Dual-Core RM-74</a>                | 588                            | 3356                      | NA                              | NA             |
| <a href="#">AMD Turion Dual-Core RM-75</a>                | 659                            | 3283                      | 30.65                           | \$21.49*       |
| <a href="#">AMD Turion II Dual-Core Mobile M500</a>       | 716                            | 3221                      | NA                              | NA             |
| <a href="#">AMD Turion II Dual-Core Mobile M520</a>       | 835                            | 3091                      | 12.09                           | \$69.10*       |
| <a href="#">AMD Turion II Dual-Core Mobile M540</a>       | 912                            | 3019                      | NA                              | NA             |
| <a href="#">AMD Turion II N530 Dual-Core</a>              | 855                            | 3065                      | 28.51                           | \$30.00*       |
| <a href="#">AMD Turion II N550 Dual-Core</a>              | 877                            | 3047                      | NA                              | NA             |
| <a href="#">AMD Turion II Neo K625 Dual-Core</a>          | 565                            | 3384                      | NA                              | NA             |
| <a href="#">AMD Turion II Neo K685 Dual-Core</a>          | 684                            | 3257                      | NA                              | NA             |
| <a href="#">AMD Turion II Neo N40L Dual-Core</a>          | 589                            | 3355                      | NA                              | NA             |
| <a href="#">AMD Turion II Neo N54L Dual-Core</a>          | 798                            | 3129                      | NA                              | NA             |
| <a href="#">AMD Turion II P520 Dual-Core</a>              | 778                            | 3148                      | NA                              | NA             |
| <a href="#">AMD Turion II P540 Dual-Core</a>              | 937                            | 2994                      | 18.76                           | \$49.95*       |
| <a href="#">AMD Turion II P560 Dual-Core</a>              | 818                            | 3108                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M600</a> | 923                            | 3008                      | 55.10                           | \$16.76        |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M620</a> | 814                            | 3113                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M640</a> | 1,016                          | 2914                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M660</a> | 1,011                          | 2920                      | NA                              | NA             |
| <a href="#">AMD Turion Neo X2 Dual Core L625</a>          | 432                            | 3514                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual Core L510</a>              | 603                            | 3338                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual Core Mobile RM-70</a>      | 497                            | 3455                      | 3.75                            | \$132.56*      |
| <a href="#">AMD Turion X2 Dual Core Mobile RM-76</a>      | 691                            | 3246                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-70</a>      | 624                            | 3318                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-72</a>      | 666                            | 3274                      | 2.97                            | \$224.26*      |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-74</a>      | 623                            | 3320                      | 41.71                           | \$14.95*       |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-75</a>      | 708                            | 3227                      | NA                              | NA             |

## CPU Benchmarks



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-80</a> | 521                            | 3431                      | 10.44                           | \$49.95        |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-82</a> | 707                            | 3229                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-84</a> | 793                            | 3136                      | 15.87                           | \$49.95*       |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-85</a> | 730                            | 3202                      | 16.22                           | \$45.00*       |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-86</a> | 695                            | 3242                      | 11.39                           | \$61.00*       |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-87</a> | 689                            | 3250                      | 17.25                           | \$39.95*       |
| <a href="#">AMD TurionX2 Dual Core Mobile RM-70</a>        | 536                            | 3415                      | NA                              | NA             |
| <a href="#">AMD TurionX2 Dual Core Mobile RM-72</a>        | 471                            | 3483                      | NA                              | NA             |
| <a href="#">AMD TurionX2 Ultra DualCore Mobile ZM-85</a>   | 841                            | 3081                      | NA                              | NA             |
| <a href="#">AMD TurionX2 Ultra DualCore Mobile ZM-87</a>   | 599                            | 3342                      | NA                              | NA             |
| <a href="#">AMD V105</a>                                   | 184                            | 3841                      | NA                              | NA             |
| <a href="#">AMD V120</a>                                   | 352                            | 3608                      | NA                              | NA             |
| <a href="#">AMD V140</a>                                   | 379                            | 3577                      | 9.48                            | \$39.95*       |
| <a href="#">AMD V160</a>                                   | 337                            | 3623                      | NA                              | NA             |
| <a href="#">AMD Z-01</a>                                   | 308                            | 3662                      | NA                              | NA             |
| <a href="#">AMD Z-60 APU</a>                               | 262                            | 3732                      | NA                              | NA             |
| <a href="#">Amlogic</a>                                    | 546                            | 3407                      | NA                              | NA             |
| <a href="#">Apple A8</a>                                   | 1,532                          | 2504                      | NA                              | NA             |
| <a href="#">Apple A8X</a>                                  | 2,356                          | 2012                      | NA                              | NA             |
| <a href="#">Apple A9</a>                                   | 2,054                          | 2183                      | NA                              | NA             |
| <a href="#">Apple A9X</a>                                  | 2,510                          | 1941                      | NA                              | NA             |
| <a href="#">Apple A11 Bionic</a>                           | 4,299                          | 1415                      | NA                              | NA             |
| <a href="#">Apple A12 Bionic</a>                           | 4,768                          | 1333                      | NA                              | NA             |
| <a href="#">Apple A12X Bionic</a>                          | 10,854                         | 680                       | NA                              | NA             |
| <a href="#">Apple A13 Bionic</a>                           | 5,251                          | 1264                      | NA                              | NA             |
| <a href="#">Apple A14 Bionic</a>                           | 8,528                          | 824                       | NA                              | NA             |
| <a href="#">Apple M1 8 Core 3200 MHz</a>                   | 14,451                         | 522                       | NA                              | NA             |
| <a href="#">Apple M1 Max 10 Core 3200 MHz</a>              | 22,247                         | 264                       | NA                              | NA             |
| <a href="#">Apple M1 Pro 8 Core 3200 MHz</a>               | 17,291                         | 413                       | NA                              | NA             |
| <a href="#">Apple M1 Pro 10 Core 3200 MHz</a>              | 22,035                         | 270                       | NA                              | NA             |
| <a href="#">Apple M1 Ultra 20 Core</a>                     | 41,049                         | 66                        | NA                              | NA             |
| <a href="#">Apple M2 8 Core 3500 MHz</a>                   | 15,554                         | 474                       | NA                              | NA             |
| <a href="#">ARM - 8 Core 1766 MHz</a>                      | 4,080                          | 1461                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#"><u>ARM ARMv7 rev 4 (v7I) 4 Core 1200 MHz</u></a>   | 390                            | 3551                      | NA                              | NA             |
| <a href="#"><u>ARM ARMv7 rev 4 (v7I) 4 Core 1400 MHz</u></a>   | 399                            | 3554                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 2 Core 960 MHz</u></a>  | 93                             | 3947                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 2 Core 1080 MHz</u></a>   | 142                            | 3903                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 4 Core 900 MHz</u></a>  | 244                            | 3757                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 4 Core 1200 MHz</u></a>   | 270                            | 3716                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 4 Core 1300 MHz</u></a>   | 326                            | 3640                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A7 4 Core 1368 MHz</u></a>   | 353                            | 3607                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A17 4 Core 1800 MHz</u></a>  | 662                            | 3282                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A35 4 Core 1296 MHz</u></a>  | 334                            | 3633                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1152 MHz</u></a>  | 347                            | 3612                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1200 MHz</u></a>  | 306                            | 3665                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1296 MHz</u></a>  | 425                            | 3518                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1392 MHz</u></a>  | 397                            | 3555                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1400 MHz</u></a>  | 377                            | 3579                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1500 MHz</u></a>  | 355                            | 3604                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1512 MHz</u></a>  | 464                            | 3493                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1536 MHz</u></a>  | 202                            | 3816                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1600 MHz</u></a>  | 400                            | 3548                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1704 MHz</u></a>  | 562                            | 3387                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1800 MHz</u></a>  | 477                            | 3476                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 4 Core 1908 MHz</u></a>  | 638                            | 3303                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A53 6 Core 1896 MHz</u></a>  | 1,851                          | 2304                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A55 4 Core 1800 MHz</u></a>  | 658                            | 3285                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A55 4 Core 1992 MHz</u></a>  | 721                            | 3212                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A55 4 Core 2100 MHz</u></a>  | 719                            | 3215                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A55 4 Core 2124 MHz</u></a>  | 742                            | 3188                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A57 4 Core 1479 MHz</u></a>  | 951                            | 2982                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A57 4 Core 1734 MHz</u></a>  | 1,170                          | 2772                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A57 4 Core 2014 MHz</u></a>  | 1,153                          | 2787                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A57 4 Core 2091 MHz</u></a>  | 1,311                          | 2658                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A57 8 Core 1500 MHz</u></a>  | 1,022                          | 2911                      | NA                              | NA             |
| <a href="#"><u>ARM Cortex-A72 4 Core 800 MHz</u></a>   | 279                            | 3707                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">ARM Cortex-A72 4 Core 1500 MHz</a>   | 552                            | 3400                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1600 MHz</a>   | 552                            | 3400                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1750 MHz</a>   | 335                            | 3628                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1800 MHz</a>   | 789                            | 3139                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1850 MHz</a>   | 199                            | 3818                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1900 MHz</a>   | 1,120                          | 2816                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2000 MHz</a>   | 736                            | 3197                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2100 MHz</a>   | 648                            | 3295                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2200 MHz</a>   | 819                            | 3105                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2300 MHz</a>   | 1,075                          | 2861                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2394 MHz</a>   | 1,254                          | 2700                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2400 MHz</a>   | 1,295                          | 2666                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 6 Core 1416 MHz</a>   | 1,038                          | 2894                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 6 Core 1512 MHz</a>   | 1,190                          | 2752                      | NA                              | NA             |
| <a href="#">ARM Cortex-A73 6 Core 1992 MHz</a>   | 1,311                          | 2659                      | NA                              | NA             |
| <a href="#">ARM Cortex-A73 6 Core 2016 MHz</a>   | 1,428                          | 2579                      | NA                              | NA             |
| <a href="#">ARM D2000/8 8 Core 2300 MHz</a>  | 2,674                          | 1876                      | NA                              | NA             |
| <a href="#">ARM Falkor V1/Kryo 8 Core 1900 MHz</a>   | 1,475                          | 2547                      | NA                              | NA             |
| <a href="#">ARM FT-2000/4 4 Core 2200 MHz</a>  | 881                            | 3039                      | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 64 Core 0 MHz</a>  | 28,079                         | 153                       | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 80 Core 2600 MHz</a>   | 18,823                         | 364                       | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 80 Core 3000 MHz</a>   | 37,760                         | 79                        | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 128 Core 3000 MHz</a>  | 46,271                         | 49                        | NA                              | NA             |
| <a href="#">ARM phytium FT1500a 4 Core 2000 MHz</a>  | 1,579                          | 2471                      | NA                              | NA             |
| <a href="#">ARM Phytium_D2000/8 E8C 8 Core 2300 MHz</a>  | 2,005                          | 2207                      | NA                              | NA             |
| <a href="#">ARM X-Gene 32 Core 3300 MHz</a>  | 8,684                          | 817                       | NA                              | NA             |
| <a href="#">ASUS Tinker Board 2/2S</a>   | 1,771                          | 2353                      | NA                              | NA             |
| <a href="#">Athlon 64 Dual Core 3800+</a>  | 736                            | 3196                      | NA                              | NA             |
| <a href="#">Athlon 64 Dual Core 5000+</a>  | 850                            | 3071                      | NA                              | NA             |
| <a href="#">Athlon 64 Dual Core 5600+</a>  | 875                            | 3048                      | NA                              | NA             |
| <a href="#">Athlon Dual Core 4050e</a>   | 670                            | 3271                      | NA                              | NA             |
| <a href="#">Athlon Dual Core 4450e</a>   | 681                            | 3261                      | NA                              | NA             |
| <a href="#">Athlon Dual Core 4850e</a>   | 769                            | 3157                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">CPU Benchmarks</a> ▼                                 |                                |                           |                                 |                |
| <a href="#">CUM2832</a>  | 1,231                          | 2111                      | NA                              | NA             |
| <a href="#">Celeron Dual-Core T3000 @ 1.80GHz</a>                | 665                            | 3278                      | NA                              | NA             |
| <a href="#">Celeron Dual-Core T3100 @ 1.90GHz</a>                | 519                            | 3434                      | 16.22                           | \$32.00        |
| <a href="#">Celeron Dual-Core T3300 @ 2.00GHz</a>                | 623                            | 3322                      | 41.62                           | \$14.97*       |
| <a href="#">Celeron Dual-Core T3500 @ 2.10GHz</a>                | 747                            | 3182                      | NA                              | NA             |
| <a href="#">CentaurHauls @2500MHz</a>                            | 7,969                          | 877                       | NA                              | NA             |
| <a href="#">DG1301SML87HY</a>                                    | 3,624                          | 1560                      | NA                              | NA             |
| <a href="#">DO-Regular</a>                                       | 819                            | 3106                      | NA                              | NA             |
| <a href="#">Dual-Core AMD Opteron 1220 SE</a>                    | 748                            | 3180                      | NA                              | NA             |
| <a href="#">Generic DT based system</a>                          | 612                            | 3331                      | NA                              | NA             |
| <a href="#">Hardkernel ODROID-N2Plus</a>                         | 2,115                          | 2147                      | NA                              | NA             |
| <a href="#">Haydn based on Qualcomm Technologies, Inc SM8350</a> | 5,211                          | 1272                      | NA                              | NA             |
| <a href="#">hi6210sft</a>  | 796                            | 3131                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin710</a>                               | 2,387                          | 1997                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin810</a>                               | 2,986                          | 1762                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin820</a>                               | 3,974                          | 1482                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin970</a>                               | 2,652                          | 1885                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin980</a>                               | 4,273                          | 1422                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin985</a>                               | 4,162                          | 1443                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin9000</a>                              | 5,083                          | 1292                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 659</a>                              | 1,703                          | 2397                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin 930</a>                              | 1,415                          | 2587                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin 935</a>                              | 1,291                          | 2671                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 950</a>                              | 1,991                          | 2214                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin 955</a>                              | 2,936                          | 1787                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 960</a>                              | 2,401                          | 1991                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 970</a>                              | 2,908                          | 1797                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin 990</a>                              | 3,794                          | 1521                      | NA                              | NA             |
| <a href="#">HP Hexa-Core 2.0GHz</a>                              | 1,741                          | 2373                      | 3.45                            | \$504.27*      |
| <a href="#">Hygon C86 7255 16-core</a>                           | 18,831                         | 363                       | NA                              | NA             |
| <a href="#">Intel 2.80GHz</a>                                    | 341                            | 3618                      | NA                              | NA             |
| <a href="#">Intel Atom 230 @ 1.60GHz</a>                         | 210                            | 3804                      | NA                              | NA             |
| <a href="#">Intel Atom 330 @ 1.60GHz</a>                         | 371                            | 3586                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Atom C235U @ 1.74GHz</a>   | 520                            | 3420                      | 12.24                           | \$43.00        |
| <a href="#">Intel Atom C2358 @ 1.74GHz</a>   | 625                            | 3316                      | NA                              | NA             |
| <a href="#">Intel Atom C2538 @ 2.40GHz</a>   | 960                            | 2973                      | 9.23                            | \$104.00*      |
| <a href="#">Intel Atom C2550 @ 2.40GHz</a>   | 1,422                          | 2585                      | NA                              | NA             |
| <a href="#">Intel Atom C2558 @ 2.40GHz</a>   | 1,410                          | 2592                      | 10.37                           | \$136.00*      |
| <a href="#">Intel Atom C2750 @ 2.40GHz</a>   | 2,748                          | 1847                      | 11.85                           | \$232.00*      |
| <a href="#">Intel Atom C2750 @ 2.41GHz</a>   | 2,174                          | 2121                      | NA                              | NA             |
| <a href="#">Intel Atom C2758 @ 2.40GHz</a>   | 2,356                          | 2013                      | 10.96                           | \$214.86*      |
| <a href="#">Intel Atom C3338 @ 1.50GHz</a>   | 1,245                          | 2707                      | NA                              | NA             |
| <a href="#">Intel Atom C3538 @ 2.10GHz</a>   | 1,756                          | 2364                      | 23.41                           | \$75.00*       |
| <a href="#">Intel Atom C3558 @ 2.20GHz</a>   | 2,405                          | 1988                      | 27.96                           | \$86.00*       |
| <a href="#">Intel Atom C3758 @ 2.20GHz</a>   | 4,745                          | 1337                      | 24.59                           | \$193.00*      |
| <a href="#">Intel Atom C3858 @ 2.00GHz</a>   | 4,707                          | 1344                      | 14.18                           | \$332.00*      |
| <a href="#">Intel Atom C3958 @ 2.00GHz</a>   | 4,281                          | 1420                      | 9.53                            | \$449.00*      |
| <a href="#">Intel Atom D410 @ 1.66GHz</a>  | 177                            | 3855                      | 0.28                            | \$635.99*      |
| <a href="#">Intel Atom D425 @ 1.80GHz</a>  | 222                            | 3794                      | 0.22                            | \$992.98*      |
| <a href="#">Intel Atom D510 @ 1.66GHz</a>  | 404                            | 3541                      | 4.16                            | \$97.16*       |
| <a href="#">Intel Atom D525 @ 1.80GHz</a>  | 390                            | 3566                      | NA                              | NA             |
| <a href="#">Intel Atom D2500 @ 1.86GHz</a>   | 248                            | 3752                      | NA                              | NA             |
| <a href="#">Intel Atom D2550 @ 1.86GHz</a>   | 423                            | 3523                      | NA                              | NA             |
| <a href="#">Intel Atom D2560 @ 2.00GHz</a>   | 433                            | 3513                      | NA                              | NA             |
| <a href="#">Intel Atom D2700 @ 2.13GHz</a>   | 492                            | 3459                      | NA                              | NA             |
| <a href="#">Intel Atom D2701 @ 2.13GHz</a>   | 511                            | 3441                      | NA                              | NA             |
| <a href="#">Intel Atom E3805 @ 1.33GHz</a>   | 407                            | 3537                      | 20.37                           | \$20.00*       |
| <a href="#">Intel Atom E3815 @ 1.46GHz</a>   | 175                            | 3859                      | 1.29                            | \$135.00*      |
| <a href="#">Intel Atom E3825 @ 1.33GHz</a>   | 385                            | 3570                      | 5.47                            | \$70.32*       |
| <a href="#">Intel Atom E3826 @ 1.46GHz</a>   | 304                            | 3666                      | NA                              | NA             |
| <a href="#">Intel Atom E3827 @ 1.74GHz</a>   | 460                            | 3494                      | NA                              | NA             |
| <a href="#">Intel Atom E3840 @ 1.91GHz</a>   | 704                            | 3233                      | NA                              | NA             |
| <a href="#">Intel Atom E3845 @ 1.91GHz</a>   | 1,058                          | 2881                      | NA                              | NA             |
| <a href="#">Intel Atom E3900 @ 1.60GHz</a>   | 1,953                          | 2232                      | NA                              | NA             |
| <a href="#">Intel Atom E3940 @ 1.60GHz</a>   | 1,973                          | 2222                      | NA                              | NA             |
| <a href="#">Intel Atom E3950 @ 1.60GHz</a>   | 2,105                          | 2154                      | NA                              | NA             |

| CPU Name                                      | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom N280 @ 1.66GHz</a>     | 113                            | 3000                      | NA                              | NA             |
| <a href="#">Intel Atom N435 @ 1.33GHz</a>     | 153                            | 3890                      | NA                              | NA             |
| <a href="#">Intel Atom N450 @ 1.66GHz</a>     | 198                            | 3820                      | NA                              | NA             |
| <a href="#">Intel Atom N455 @ 1.66GHz</a>     | 179                            | 3852                      | NA                              | NA             |
| <a href="#">Intel Atom N470 @ 1.83GHz</a>     | 224                            | 3792                      | NA                              | NA             |
| <a href="#">Intel Atom N475 @ 1.83GHz</a>     | 179                            | 3850                      | NA                              | NA             |
| <a href="#">Intel Atom N550 @ 1.50GHz</a>     | 295                            | 3681                      | 3.43                            | \$86.00*       |
| <a href="#">Intel Atom N570 @ 1.66GHz</a>     | 335                            | 3630                      | 3.89                            | \$86.00*       |
| <a href="#">Intel Atom N2100 @ 1.60GHz</a>    | 188                            | 3837                      | NA                              | NA             |
| <a href="#">Intel Atom N2600 @ 1.60GHz</a>    | 323                            | 3643                      | NA                              | NA             |
| <a href="#">Intel Atom N2800 @ 1.86GHz</a>    | 438                            | 3509                      | NA                              | NA             |
| <a href="#">Intel Atom S1260 @ 2.00GHz</a>    | 596                            | 3345                      | 9.31                            | \$64.00*       |
| <a href="#">Intel Atom T5700 @ 1.70GHz</a>    | 2,101                          | 2157                      | NA                              | NA             |
| <a href="#">Intel Atom x5-E3930 @ 1.30GHz</a> | 878                            | 3044                      | NA                              | NA             |
| <a href="#">Intel Atom x5-E8000 @ 1.04GHz</a> | 1,008                          | 2926                      | NA                              | NA             |
| <a href="#">Intel Atom x5-Z8300 @ 1.44GHz</a> | 823                            | 3100                      | 6.19                            | \$132.99*      |
| <a href="#">Intel Atom x5-Z8330 @ 1.44GHz</a> | 813                            | 3114                      | NA                              | NA             |
| <a href="#">Intel Atom x5-Z8350 @ 1.44GHz</a> | 908                            | 3023                      | 43.26                           | \$21.00*       |
| <a href="#">Intel Atom x5-Z8500 @ 1.44GHz</a> | 1,234                          | 2714                      | 19.72                           | \$62.57*       |
| <a href="#">Intel Atom x5-Z8550 @ 1.44GHz</a> | 1,145                          | 2794                      | NA                              | NA             |
| <a href="#">Intel Atom x7-Z8700 @ 1.60GHz</a> | 1,323                          | 2649                      | 17.97                           | \$73.63*       |
| <a href="#">Intel Atom x7-Z8750 @ 1.60GHz</a> | 1,391                          | 2604                      | NA                              | NA             |
| <a href="#">Intel Atom x6211E @ 1.20GHz</a>   | 1,695                          | 2402                      | 48.43                           | \$35.00*       |
| <a href="#">Intel Atom x6211E @ 1.30GHz</a>   | 1,599                          | 2460                      | 45.69                           | \$35.00*       |
| <a href="#">Intel Atom x6413E @ 1.50GHz</a>   | 4,228                          | 1431                      | 98.32                           | \$43.00*       |
| <a href="#">Intel Atom x6425E @ 2.00GHz</a>   | 3,829                          | 1513                      | 68.38                           | \$56.00*       |
| <a href="#">Intel Atom x6425RE @ 1.90GHz</a>  | 2,903                          | 1798                      | 49.20                           | \$59.00*       |
| <a href="#">Intel Atom Z520 @ 1.33GHz</a>     | 122                            | 3925                      | NA                              | NA             |
| <a href="#">Intel Atom Z530 @ 1.60GHz</a>     | 183                            | 3844                      | NA                              | NA             |
| <a href="#">Intel Atom Z670 @ 1.50GHz</a>     | 158                            | 3880                      | NA                              | NA             |
| <a href="#">Intel Atom Z2760 @ 1.80GHz</a>    | 298                            | 3674                      | NA                              | NA             |
| <a href="#">Intel Atom Z3530 @ 1.33GHz</a>    | 565                            | 3383                      | NA                              | NA             |
| <a href="#">Intel Atom Z3560 @ 1.00GHz</a>    | 717                            | 3219                      | NA                              | NA             |



## CPU Benchmarks





| CPU Name                                    | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom Z3580 @ 1.33GHz</a>  | 507                            | 3000                      | NA                              | NA             |
| <a href="#">Intel Atom Z3735D @ 1.33GHz</a> | 761                            | 3170                      | NA                              | NA             |
| <a href="#">Intel Atom Z3735E @ 1.33GHz</a> | 557                            | 3395                      | 4.76                            | \$117.00*      |
| <a href="#">Intel Atom Z3735F @ 1.33GHz</a> | 539                            | 3410                      | 1.08                            | \$500.00*      |
| <a href="#">Intel Atom Z3735G @ 1.33GHz</a> | 772                            | 3153                      | NA                              | NA             |
| <a href="#">Intel Atom Z3736F @ 1.33GHz</a> | 502                            | 3447                      | NA                              | NA             |
| <a href="#">Intel Atom Z3740 @ 1.33GHz</a>  | 649                            | 3293                      | NA                              | NA             |
| <a href="#">Intel Atom Z3740D @ 1.33GHz</a> | 614                            | 3330                      | NA                              | NA             |
| <a href="#">Intel Atom Z3745 @ 1.33GHz</a>  | 621                            | 3326                      | 20.72                           | \$30.00*       |
| <a href="#">Intel Atom Z3745D @ 1.33GHz</a> | 585                            | 3360                      | NA                              | NA             |
| <a href="#">Intel Atom Z3770 @ 1.46GHz</a>  | 737                            | 3194                      | 4.93                            | \$149.44*      |
| <a href="#">Intel Atom Z3770D @ 1.49GHz</a> | 488                            | 3463                      | NA                              | NA             |
| <a href="#">Intel Atom Z3775 @ 1.46GHz</a>  | 726                            | 3207                      | 1.45                            | \$500.00*      |
| <a href="#">Intel Atom Z3775D @ 1.49GHz</a> | 794                            | 3135                      | NA                              | NA             |
| <a href="#">Intel Atom Z3795 @ 1.60GHz</a>  | 1,167                          | 2773                      | NA                              | NA             |
| <a href="#">Intel Celeron 1.70GHz</a>       | 101                            | 3942                      | NA                              | NA             |
| <a href="#">Intel Celeron 1.80GHz</a>       | 96                             | 3945                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.00GHz</a>       | 125                            | 3921                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.13GHz</a>       | 166                            | 3868                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.20GHz</a>       | 139                            | 3908                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.26GHz</a>       | 182                            | 3848                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.30GHz</a>       | 148                            | 3896                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.40GHz</a>       | 143                            | 3902                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.50GHz</a>       | 164                            | 3871                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.53GHz</a>       | 222                            | 3793                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.60GHz</a>       | 143                            | 3901                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.66GHz</a>       | 154                            | 3888                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.70GHz</a>       | 159                            | 3878                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.80GHz</a>       | 190                            | 3836                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.93GHz</a>       | 230                            | 3785                      | NA                              | NA             |
| <a href="#">Intel Celeron 3.06GHz</a>       | 234                            | 3778                      | NA                              | NA             |
| <a href="#">Intel Celeron 3.20GHz</a>       | 267                            | 3727                      | NA                              | NA             |
| <a href="#">Intel Celeron 3.33GHz</a>       | 263                            | 3730                      | NA                              | NA             |

 CPU Benchmarks 

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron 220 @ 1.20GHz</a>    | 209                            | 3007                      | NA                              | NA             |
| <a href="#">Intel Celeron 420 @ 1.60GHz</a>    | 235                            | 3775                      | 4.71                            | \$49.95*       |
| <a href="#">Intel Celeron 430 @ 1.80GHz</a>    | 293                            | 3685                      | 5.86                            | \$49.99        |
| <a href="#">Intel Celeron 440 @ 2.00GHz</a>    | 368                            | 3589                      | 8.19                            | \$44.95        |
| <a href="#">Intel Celeron 450 @ 2.20GHz</a>    | 454                            | 3497                      | 1.52                            | \$299.00*      |
| <a href="#">Intel Celeron 530 @ 1.73GHz</a>    | 268                            | 3722                      | 20.62                           | \$13.00        |
| <a href="#">Intel Celeron 540 @ 1.86GHz</a>    | 283                            | 3702                      | 13.50                           | \$20.95        |
| <a href="#">Intel Celeron 550 @ 2.00GHz</a>    | 301                            | 3670                      | 5.47                            | \$54.95*       |
| <a href="#">Intel Celeron 560 @ 2.13GHz</a>    | 365                            | 3591                      | 5.21                            | \$69.95*       |
| <a href="#">Intel Celeron 570 @ 2.26GHz</a>    | 344                            | 3617                      | NA                              | NA             |
| <a href="#">Intel Celeron 723 @ 1.20GHz</a>    | 213                            | 3803                      | NA                              | NA             |
| <a href="#">Intel Celeron 743 @ 1.30GHz</a>    | 268                            | 3724                      | NA                              | NA             |
| <a href="#">Intel Celeron 807 @ 1.50GHz</a>    | 392                            | 3565                      | NA                              | NA             |
| <a href="#">Intel Celeron 807UE @ 1.00GHz</a>  | 241                            | 3764                      | NA                              | NA             |
| <a href="#">Intel Celeron 827E @ 1.40GHz</a>   | 371                            | 3587                      | NA                              | NA             |
| <a href="#">Intel Celeron 847 @ 1.10GHz</a>    | 470                            | 3485                      | 1.49                            | \$315.00*      |
| <a href="#">Intel Celeron 847E @ 1.10GHz</a>   | 584                            | 3362                      | NA                              | NA             |
| <a href="#">Intel Celeron 857 @ 1.20GHz</a>    | 569                            | 3379                      | NA                              | NA             |
| <a href="#">Intel Celeron 867 @ 1.30GHz</a>    | 562                            | 3388                      | 10.08                           | \$55.69*       |
| <a href="#">Intel Celeron 877 @ 1.40GHz</a>    | 632                            | 3311                      | NA                              | NA             |
| <a href="#">Intel Celeron 887 @ 1.50GHz</a>    | 735                            | 3198                      | NA                              | NA             |
| <a href="#">Intel Celeron 900 @ 2.20GHz</a>    | 400                            | 3552                      | 21.06                           | \$18.99        |
| <a href="#">Intel Celeron 925 @ 2.30GHz</a>    | 477                            | 3475                      | NA                              | NA             |
| <a href="#">Intel Celeron 1000M @ 1.80GHz</a>  | 1,065                          | 2870                      | NA                              | NA             |
| <a href="#">Intel Celeron 1000MHz</a>          | 139                            | 3906                      | NA                              | NA             |
| <a href="#">Intel Celeron 1005M @ 1.90GHz</a>  | 1,076                          | 2858                      | NA                              | NA             |
| <a href="#">Intel Celeron 1007U @ 1.50GHz</a>  | 818                            | 3110                      | 4.42                            | \$184.99*      |
| <a href="#">Intel Celeron 1017U @ 1.60GHz</a>  | 866                            | 3056                      | NA                              | NA             |
| <a href="#">Intel Celeron 1019Y @ 1.00GHz</a>  | 576                            | 3372                      | NA                              | NA             |
| <a href="#">Intel Celeron 1020E @ 2.20GHz</a>  | 1,406                          | 2597                      | NA                              | NA             |
| <a href="#">Intel Celeron 1020M @ 2.10GHz</a>  | 1,275                          | 2687                      | NA                              | NA             |
| <a href="#">Intel Celeron 1037U @ 1.80GHz</a>  | 969                            | 2964                      | NA                              | NA             |
| <a href="#">Intel Celeron 1047UE @ 1.40GHz</a> | 748                            | 3179                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron 1200MHz</a>          | 109                            | 3079                      | NA                              | NA             |
| <a href="#">Intel Celeron 2000E @ 2.20GHz</a>  | 1,607                          | 2456                      | NA                              | NA             |
| <a href="#">Intel Celeron 2002E @ 1.50GHz</a>  | 1,091                          | 2844                      | 12.68                           | \$86.00*       |
| <a href="#">Intel Celeron 2950M @ 2.00GHz</a>  | 1,278                          | 2683                      | NA                              | NA             |
| <a href="#">Intel Celeron 2955U @ 1.40GHz</a>  | 842                            | 3079                      | NA                              | NA             |
| <a href="#">Intel Celeron 2957U @ 1.40GHz</a>  | 847                            | 3073                      | NA                              | NA             |
| <a href="#">Intel Celeron 2961Y @ 1.10GHz</a>  | 732                            | 3201                      | NA                              | NA             |
| <a href="#">Intel Celeron 2970M @ 2.20GHz</a>  | 1,501                          | 2529                      | NA                              | NA             |
| <a href="#">Intel Celeron 2980U @ 1.60GHz</a>  | 1,056                          | 2887                      | NA                              | NA             |
| <a href="#">Intel Celeron 2981U @ 1.60GHz</a>  | 991                            | 2943                      | NA                              | NA             |
| <a href="#">Intel Celeron 3205U @ 1.50GHz</a>  | 933                            | 2998                      | 3.25                            | \$287.04*      |
| <a href="#">Intel Celeron 3215U @ 1.70GHz</a>  | 1,144                          | 2795                      | NA                              | NA             |
| <a href="#">Intel Celeron 3755U @ 1.70GHz</a>  | 1,182                          | 2757                      | NA                              | NA             |
| <a href="#">Intel Celeron 3765U @ 1.90GHz</a>  | 1,252                          | 2703                      | NA                              | NA             |
| <a href="#">Intel Celeron 3855U @ 1.60GHz</a>  | 1,237                          | 2713                      | NA                              | NA             |
| <a href="#">Intel Celeron 3865U @ 1.80GHz</a>  | 1,271                          | 2689                      | NA                              | NA             |
| <a href="#">Intel Celeron 3867U @ 1.80GHz</a>  | 1,488                          | 2537                      | 13.90                           | \$107.00*      |
| <a href="#">Intel Celeron 3955U @ 2.00GHz</a>  | 1,490                          | 2535                      | NA                              | NA             |
| <a href="#">Intel Celeron 3965U @ 2.20GHz</a>  | 1,728                          | 2383                      | 16.15                           | \$107.00*      |
| <a href="#">Intel Celeron 3965Y @ 1.50GHz</a>  | 1,179                          | 2760                      | 11.02                           | \$107.00*      |
| <a href="#">Intel Celeron 4205U @ 1.80GHz</a>  | 1,336                          | 2640                      | 12.48                           | \$107.00*      |
| <a href="#">Intel Celeron 4305U @ 2.20GHz</a>  | 1,694                          | 2405                      | 15.83                           | \$107.00*      |
| <a href="#">Intel Celeron 4305UE @ 2.00GHz</a> | 1,876                          | 2286                      | NA                              | NA             |
| <a href="#">Intel Celeron 5205U @ 1.90GHz</a>  | 1,448                          | 2564                      | 13.53                           | \$107.00*      |
| <a href="#">Intel Celeron 6305 @ 1.80GHz</a>   | 2,062                          | 2179                      | NA                              | NA             |
| <a href="#">Intel Celeron 6305E @ 1.80GHz</a>  | 1,797                          | 2338                      | 16.79                           | \$107.00*      |
| <a href="#">Intel Celeron 7305</a>             | 2,665                          | 1880                      | 24.91                           | \$107.00*      |
| <a href="#">Intel Celeron @ 1.30GHz</a>        | 548                            | 3403                      | NA                              | NA             |
| <a href="#">Intel Celeron B710 @ 1.60GHz</a>   | 106                            | 3939                      | NA                              | NA             |
| <a href="#">Intel Celeron B800 @ 1.50GHz</a>   | 658                            | 3284                      | 26.35                           | \$24.99*       |
| <a href="#">Intel Celeron B810 @ 1.60GHz</a>   | 775                            | 3150                      | 9.69                            | \$79.95        |
| <a href="#">Intel Celeron B815 @ 1.60GHz</a>   | 720                            | 3213                      | NA                              | NA             |
| <a href="#">Intel Celeron B820 @ 1.70GHz</a>   | 800                            | 3127                      | 27.30                           | \$29.29*       |



## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron B340 @ 1.90GHz</a>   | 300                            | 3000                      | NA                              | NA             |
| <a href="#">Intel Celeron D 347 @ 3.06GHz</a>  | 232                            | 3781                      | NA                              | NA             |
| <a href="#">Intel Celeron D 352 @ 3.20GHz</a>  | 283                            | 3701                      | NA                              | NA             |
| <a href="#">Intel Celeron D 356 @ 3.33GHz</a>  | 251                            | 3748                      | NA                              | NA             |
| <a href="#">Intel Celeron D 360 @ 3.46GHz</a>  | 372                            | 3584                      | NA                              | NA             |
| <a href="#">Intel Celeron D 420 @ 1.60GHz</a>  | 313                            | 3656                      | NA                              | NA             |
| <a href="#">Intel Celeron E1200 @ 1.60GHz</a>  | 492                            | 3458                      | 4.93                            | \$99.95*       |
| <a href="#">Intel Celeron E1400 @ 2.00GHz</a>  | 671                            | 3269                      | 47.91                           | \$14.00*       |
| <a href="#">Intel Celeron E1500 @ 2.20GHz</a>  | 626                            | 3314                      | 31.86                           | \$19.65*       |
| <a href="#">Intel Celeron E1600 @ 2.40GHz</a>  | 712                            | 3223                      | NA                              | NA             |
| <a href="#">Intel Celeron E3200 @ 2.40GHz</a>  | 858                            | 3059                      | 42.92                           | \$19.99*       |
| <a href="#">Intel Celeron E3300 @ 2.50GHz</a>  | 822                            | 3103                      | 13.71                           | \$59.95*       |
| <a href="#">Intel Celeron E3400 @ 2.60GHz</a>  | 829                            | 3096                      | 20.74                           | \$39.99        |
| <a href="#">Intel Celeron E3500 @ 2.70GHz</a>  | 935                            | 2995                      | 9.64                            | \$97.00        |
| <a href="#">Intel Celeron G440 @ 1.60GHz</a>   | 425                            | 3519                      | 4.67                            | \$91.00        |
| <a href="#">Intel Celeron G460 @ 1.80GHz</a>   | 489                            | 3461                      | 8.90                            | \$55.00*       |
| <a href="#">Intel Celeron G465 @ 1.90GHz</a>   | 524                            | 3430                      | 13.09                           | \$40.00        |
| <a href="#">Intel Celeron G470 @ 2.00GHz</a>   | 609                            | 3334                      | 17.33                           | \$35.15*       |
| <a href="#">Intel Celeron G530 @ 2.40GHz</a>   | 1,119                          | 2818                      | 44.77                           | \$24.99        |
| <a href="#">Intel Celeron G530T @ 2.00GHz</a>  | 1,056                          | 2886                      | 62.15                           | \$16.99*       |
| <a href="#">Intel Celeron G540 @ 2.50GHz</a>   | 1,128                          | 2809                      | 102.23                          | \$11.03*       |
| <a href="#">Intel Celeron G540T @ 2.10GHz</a>  | 1,174                          | 2765                      | NA                              | NA             |
| <a href="#">Intel Celeron G550 @ 2.60GHz</a>   | 1,206                          | 2740                      | 24.61                           | \$49.00        |
| <a href="#">Intel Celeron G550T @ 2.20GHz</a>  | 1,102                          | 2836                      | NA                              | NA             |
| <a href="#">Intel Celeron G555 @ 2.70GHz</a>   | 1,268                          | 2693                      | 23.49                           | \$53.98        |
| <a href="#">Intel Celeron G1101 @ 2.27GHz</a>  | 1,086                          | 2850                      | 54.92                           | \$19.77*       |
| <a href="#">Intel Celeron G1610 @ 2.60GHz</a>  | 1,495                          | 2533                      | 40.40                           | \$37.00        |
| <a href="#">Intel Celeron G1610T @ 2.30GHz</a> | 1,365                          | 2619                      | 91.12                           | \$14.98*       |
| <a href="#">Intel Celeron G1620 @ 2.70GHz</a>  | 1,497                          | 2531                      | 21.31                           | \$70.27        |
| <a href="#">Intel Celeron G1620T @ 2.40GHz</a> | 1,507                          | 2523                      | 35.88                           | \$42.00*       |
| <a href="#">Intel Celeron G1630 @ 2.80GHz</a>  | 1,707                          | 2393                      | 15.53                           | \$109.95       |
| <a href="#">Intel Celeron G1820 @ 2.70GHz</a>  | 1,656                          | 2422                      | 55.21                           | \$29.99        |
| <a href="#">Intel Celeron G1820T @ 2.40GHz</a> | 1,614                          | 2452                      | 38.43                           | \$42.00*       |

## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron G1830 @ 2.80GHz</a>   | 1,300                          | 2400                      | 17.33                           | \$09.00        |
| <a href="#">Intel Celeron G1840 @ 2.80GHz</a>   | 1,763                          | 2359                      | 25.56                           | \$68.95        |
| <a href="#">Intel Celeron G1840T @ 2.50GHz</a>  | 1,576                          | 2473                      | NA                              | NA             |
| <a href="#">Intel Celeron G1850 @ 2.90GHz</a>   | 1,926                          | 2252                      | 15.40                           | \$125.10       |
| <a href="#">Intel Celeron G3900 @ 2.80GHz</a>   | 2,193                          | 2113                      | 33.77                           | \$64.95        |
| <a href="#">Intel Celeron G3900E @ 2.40GHz</a>  | 2,034                          | 2192                      | 19.01                           | \$107.00*      |
| <a href="#">Intel Celeron G3900T @ 2.60GHz</a>  | 2,081                          | 2168                      | 18.50                           | \$112.46*      |
| <a href="#">Intel Celeron G3900TE @ 2.30GHz</a> | 1,850                          | 2305                      | 29.39                           | \$62.95*       |
| <a href="#">Intel Celeron G3920 @ 2.90GHz</a>   | 2,310                          | 2038                      | 2.27                            | \$1,017.98     |
| <a href="#">Intel Celeron G3930 @ 2.90GHz</a>   | 2,272                          | 2072                      | 75.76                           | \$29.99        |
| <a href="#">Intel Celeron G3930T @ 2.70GHz</a>  | 2,109                          | 2149                      | 22.44                           | \$94.00*       |
| <a href="#">Intel Celeron G3930TE @ 2.70GHz</a> | 2,218                          | 2101                      | 52.82                           | \$42.00*       |
| <a href="#">Intel Celeron G3950 @ 3.00GHz</a>   | 2,369                          | 2005                      | 16.56                           | \$143.00*      |
| <a href="#">Intel Celeron G4900 @ 3.10GHz</a>   | 2,448                          | 1965                      | 34.87                           | \$70.19        |
| <a href="#">Intel Celeron G4900T @ 2.90GHz</a>  | 2,277                          | 2069                      | 32.56                           | \$69.95*       |
| <a href="#">Intel Celeron G4920 @ 3.20GHz</a>   | 2,406                          | 1987                      | 24.31                           | \$99.00        |
| <a href="#">Intel Celeron G4930 @ 3.20GHz</a>   | 2,571                          | 1919                      | 52.47                           | \$49.00        |
| <a href="#">Intel Celeron G4930T @ 3.00GHz</a>  | 2,280                          | 2063                      | 54.29                           | \$42.00*       |
| <a href="#">Intel Celeron G4950 @ 3.30GHz</a>   | 2,714                          | 1864                      | 2.69                            | \$1,008.65*    |
| <a href="#">Intel Celeron G5900 @ 3.40GHz</a>   | 2,672                          | 1877                      | 46.08                           | \$57.99        |
| <a href="#">Intel Celeron G5900T @ 3.20GHz</a>  | 2,620                          | 1898                      | 62.39                           | \$42.00*       |
| <a href="#">Intel Celeron G5905 @ 3.50GHz</a>   | 2,816                          | 1826                      | 58.67                           | \$48.00        |
| <a href="#">Intel Celeron G5905T @ 3.30GHz</a>  | 2,313                          | 2036                      | 55.08                           | \$42.00*       |
| <a href="#">Intel Celeron G5920 @ 3.50GHz</a>   | 2,482                          | 1953                      | 45.97                           | \$53.99        |
| <a href="#">Intel Celeron G5925 @ 3.60GHz</a>   | 2,721                          | 1859                      | 41.87                           | \$64.99        |
| <a href="#">Intel Celeron G6900</a>             | 4,333                          | 1410                      | 58.02                           | \$74.68        |
| <a href="#">Intel Celeron G6900T</a>            | 4,024                          | 1471                      | 95.80                           | \$42.00*       |
| <a href="#">Intel Celeron J1750 @ 2.41GHz</a>   | 595                            | 3346                      | NA                              | NA             |
| <a href="#">Intel Celeron J1800 @ 2.41GHz</a>   | 579                            | 3370                      | NA                              | NA             |
| <a href="#">Intel Celeron J1850 @ 1.99GHz</a>   | 942                            | 2990                      | NA                              | NA             |
| <a href="#">Intel Celeron J1900 @ 1.99GHz</a>   | 1,138                          | 2803                      | NA                              | NA             |
| <a href="#">Intel Celeron J3060 @ 1.60GHz</a>   | 668                            | 3273                      | NA                              | NA             |
| <a href="#">Intel Celeron J3160 @ 1.60GHz</a>   | 1,233                          | 2716                      | NA                              | NA             |

 CPU Benchmarks 



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron J3455 @ 1.50GHz</a>  | 2,240                          | 2000                      | 0.44                            | \$349.00       |
| <a href="#">Intel Celeron J3455E @ 1.50GHz</a> | 2,139                          | 2133                      | NA                              | NA             |
| <a href="#">Intel Celeron J4005 @ 2.00GHz</a>  | 1,588                          | 2466                      | 9.41                            | \$168.75*      |
| <a href="#">Intel Celeron J4025 @ 2.00GHz</a>  | 1,687                          | 2407                      | NA                              | NA             |
| <a href="#">Intel Celeron J4105 @ 1.50GHz</a>  | 2,888                          | 1804                      | 26.99                           | \$107.00*      |
| <a href="#">Intel Celeron J4115 @ 1.80GHz</a>  | 2,707                          | 1865                      | NA                              | NA             |
| <a href="#">Intel Celeron J4125 @ 2.00GHz</a>  | 2,986                          | 1761                      | NA                              | NA             |
| <a href="#">Intel Celeron J6412 @ 2.00GHz</a>  | 3,898                          | 1495                      | 72.19                           | \$54.00*       |
| <a href="#">Intel Celeron J6413 @ 1.80GHz</a>  | 4,075                          | 1463                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.00GHz</a>        | 149                            | 3895                      | 10.65                           | \$13.99        |
| <a href="#">Intel Celeron M 1.30GHz</a>        | 205                            | 3811                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.50GHz</a>        | 216                            | 3799                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.60GHz</a>        | 190                            | 3835                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.70GHz</a>        | 252                            | 3744                      | NA                              | NA             |
| <a href="#">Intel Celeron M 360 1.40GHz</a>    | 221                            | 3795                      | NA                              | NA             |
| <a href="#">Intel Celeron M 410 @ 1.46GHz</a>  | 123                            | 3923                      | NA                              | NA             |
| <a href="#">Intel Celeron M 420 @ 1.60GHz</a>  | 139                            | 3907                      | NA                              | NA             |
| <a href="#">Intel Celeron M 430 @ 1.73GHz</a>  | 169                            | 3865                      | NA                              | NA             |
| <a href="#">Intel Celeron M 440 @ 1.86GHz</a>  | 169                            | 3864                      | NA                              | NA             |
| <a href="#">Intel Celeron M 443 @ 1.20GHz</a>  | 125                            | 3920                      | NA                              | NA             |
| <a href="#">Intel Celeron M 450 @ 2.00GHz</a>  | 230                            | 3786                      | NA                              | NA             |
| <a href="#">Intel Celeron M 520 @ 1.60GHz</a>  | 215                            | 3800                      | NA                              | NA             |
| <a href="#">Intel Celeron M 530 @ 1.73GHz</a>  | 291                            | 3693                      | NA                              | NA             |
| <a href="#">Intel Celeron M 723 @ 1.20GHz</a>  | 267                            | 3728                      | NA                              | NA             |
| <a href="#">Intel Celeron M 900MHz</a>         | 123                            | 3924                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1300MHz</a>        | 197                            | 3822                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1500MHz</a>        | 217                            | 3798                      | NA                              | NA             |
| <a href="#">Intel Celeron N2805 @ 1.46GHz</a>  | 335                            | 3629                      | NA                              | NA             |
| <a href="#">Intel Celeron N2806 @ 1.60GHz</a>  | 487                            | 3464                      | NA                              | NA             |
| <a href="#">Intel Celeron N2807 @ 1.58GHz</a>  | 467                            | 3490                      | NA                              | NA             |
| <a href="#">Intel Celeron N2808 @ 1.58GHz</a>  | 491                            | 3460                      | NA                              | NA             |
| <a href="#">Intel Celeron N2810 @ 2.00GHz</a>  | 420                            | 3526                      | 3.00                            | \$139.99*      |
| <a href="#">Intel Celeron N2815 @ 1.86GHz</a>  | 499                            | 3450                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Celeron N2830 @ 2.16GHz</a>  | 343                            | 3402                      | 3.00                            | \$149.99       |
| <a href="#">Intel Celeron N2840 @ 2.16GHz</a>  | 583                            | 3364                      | NA                              | NA             |
| <a href="#">Intel Celeron N2910 @ 1.60GHz</a>  | 742                            | 3187                      | NA                              | NA             |
| <a href="#">Intel Celeron N2920 @ 1.86GHz</a>  | 926                            | 3006                      | NA                              | NA             |
| <a href="#">Intel Celeron N2930 @ 1.83GHz</a>  | 1,008                          | 2925                      | NA                              | NA             |
| <a href="#">Intel Celeron N2940 @ 1.83GHz</a>  | 1,037                          | 2897                      | NA                              | NA             |
| <a href="#">Intel Celeron N3000 @ 1.04GHz</a>  | 604                            | 3337                      | NA                              | NA             |
| <a href="#">Intel Celeron N3010 @ 1.04GHz</a>  | 553                            | 3399                      | NA                              | NA             |
| <a href="#">Intel Celeron N3050 @ 1.60GHz</a>  | 593                            | 3350                      | 3.49                            | \$170.00*      |
| <a href="#">Intel Celeron N3060 @ 1.60GHz</a>  | 664                            | 3279                      | 2.35                            | \$282.00*      |
| <a href="#">Intel Celeron N3150 @ 1.60GHz</a>  | 1,207                          | 2739                      | NA                              | NA             |
| <a href="#">Intel Celeron N3160 @ 1.60GHz</a>  | 1,145                          | 2793                      | 3.28                            | \$349.00*      |
| <a href="#">Intel Celeron N3350 @ 1.10GHz</a>  | 1,111                          | 2828                      | 4.03                            | \$275.49*      |
| <a href="#">Intel Celeron N3450 @ 1.10GHz</a>  | 1,944                          | 2240                      | 10.50                           | \$185.08*      |
| <a href="#">Intel Celeron N4000 @ 1.10GHz</a>  | 1,412                          | 2590                      | 13.20                           | \$107.00*      |
| <a href="#">Intel Celeron N4000C @ 1.10GHz</a> | 1,360                          | 2622                      | NA                              | NA             |
| <a href="#">Intel Celeron N4020 @ 1.10GHz</a>  | 1,563                          | 2479                      | NA                              | NA             |
| <a href="#">Intel Celeron N4020C @ 1.10GHz</a> | 1,652                          | 2426                      | NA                              | NA             |
| <a href="#">Intel Celeron N4100 @ 1.10GHz</a>  | 2,439                          | 1970                      | 22.80                           | \$107.00*      |
| <a href="#">Intel Celeron N4120 @ 1.10GHz</a>  | 2,502                          | 1946                      | NA                              | NA             |
| <a href="#">Intel Celeron N4500 @ 1.10GHz</a>  | 1,961                          | 2228                      | NA                              | NA             |
| <a href="#">Intel Celeron N4505 @ 2.00GHz</a>  | 2,367                          | 2007                      | NA                              | NA             |
| <a href="#">Intel Celeron N5095 @ 2.00GHz</a>  | 4,014                          | 1473                      | NA                              | NA             |
| <a href="#">Intel Celeron N5095A @ 2.00GHz</a> | 4,466                          | 1383                      | NA                              | NA             |
| <a href="#">Intel Celeron N5100 @ 1.10GHz</a>  | 3,339                          | 1635                      | NA                              | NA             |
| <a href="#">Intel Celeron N5105 @ 2.00GHz</a>  | 4,051                          | 1467                      | 13.55                           | \$299.00*      |
| <a href="#">Intel Celeron N6210 @ 1.20GHz</a>  | 1,679                          | 2413                      | NA                              | NA             |
| <a href="#">Intel Celeron N6211 @ 1.20GHz</a>  | 2,207                          | 2105                      | 40.88                           | \$54.00*       |
| <a href="#">Intel Celeron P4500 @ 1.87GHz</a>  | 816                            | 3112                      | NA                              | NA             |
| <a href="#">Intel Celeron P4505 @ 1.87GHz</a>  | 689                            | 3249                      | NA                              | NA             |
| <a href="#">Intel Celeron P4600 @ 2.00GHz</a>  | 862                            | 3057                      | NA                              | NA             |
| <a href="#">Intel Celeron SU2300 @ 1.20GHz</a> | 445                            | 3503                      | NA                              | NA             |
| <a href="#">Intel Celeron T1600 @ 1.66GHz</a>  | 519                            | 3433                      | 25.99                           | \$19.99*       |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Celeron U3400 @ 1.07GHz</a>  | 470                            | 3400                      | NA                              | NA             |
| <a href="#">Intel Celeron U3600 @ 1.20GHz</a>  | 560                            | 3393                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E4300 @ 1.80GHz</a>  | 558                            | 3394                      | 13.12                           | \$42.50*       |
| <a href="#">Intel Core2 Duo E4400 @ 2.00GHz</a>  | 650                            | 3291                      | 15.29                           | \$42.50*       |
| <a href="#">Intel Core2 Duo E4500 @ 2.20GHz</a>  | 734                            | 3199                      | 66.72                           | \$11.00*       |
| <a href="#">Intel Core2 Duo E4600 @ 2.40GHz</a>  | 841                            | 3083                      | 5.32                            | \$157.95*      |
| <a href="#">Intel Core2 Duo E4700 @ 2.60GHz</a>  | 811                            | 3115                      | 30.04                           | \$26.99*       |
| <a href="#">Intel Core2 Duo E6300 @ 1.86GHz</a>  | 586                            | 3359                      | 4.59                            | \$127.61*      |
| <a href="#">Intel Core2 Duo E6320 @ 1.86GHz</a>  | 639                            | 3302                      | 15.99                           | \$39.99*       |
| <a href="#">Intel Core2 Duo E6400 @ 2.13GHz</a>  | 753                            | 3176                      | 25.15                           | \$29.94*       |
| <a href="#">Intel Core2 Duo E6420 @ 2.13GHz</a>  | 718                            | 3217                      | 17.96                           | \$39.99*       |
| <a href="#">Intel Core2 Duo E6540 @ 2.33GHz</a>  | 808                            | 3116                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E6550 @ 2.33GHz</a>  | 878                            | 3042                      | 66.02                           | \$13.30*       |
| <a href="#">Intel Core2 Duo E6600 @ 2.40GHz</a>  | 916                            | 3015                      | 4.69                            | \$195.36       |
| <a href="#">Intel Core2 Duo E6700 @ 2.66GHz</a>  | 983                            | 2952                      | 32.77                           | \$29.99*       |
| <a href="#">Intel Core2 Duo E6750 @ 2.66GHz</a>  | 1,006                          | 2927                      | 97.68                           | \$10.30*       |
| <a href="#">Intel Core2 Duo E6850 @ 3.00GHz</a>  | 1,140                          | 2799                      | 22.26                           | \$51.20*       |
| <a href="#">Intel Core2 Duo E7200 @ 2.53GHz</a>  | 962                            | 2972                      | 20.48                           | \$47.00*       |
| <a href="#">Intel Core2 Duo E7300 @ 2.66GHz</a>  | 964                            | 2970                      | 17.34                           | \$55.59*       |
| <a href="#">Intel Core2 Duo E7400 @ 2.80GHz</a>  | 997                            | 2937                      | 20.36                           | \$48.99*       |
| <a href="#">Intel Core2 Duo E7500 @ 2.93GHz</a>  | 1,107                          | 2831                      | 11.11                           | \$99.63*       |
| <a href="#">Intel Core2 Duo E7600 @ 3.06GHz</a>  | 1,127                          | 2810                      | 9.40                            | \$119.95*      |
| <a href="#">Intel Core2 Duo E8135 @ 2.40GHz</a>  | 973                            | 2960                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8135 @ 2.66GHz</a>  | 1,112                          | 2827                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8200 @ 2.66GHz</a>  | 1,075                          | 2859                      | 14.15                           | \$75.99*       |
| <a href="#">Intel Core2 Duo E8235 @ 2.80GHz</a>  | 995                            | 2939                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8290 @ 2.83GHz</a>  | 1,408                          | 2595                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8300 @ 2.83GHz</a>  | 1,034                          | 2902                      | 51.71                           | \$19.99*       |
| <a href="#">Intel Core2 Duo E8335 @ 2.66GHz</a>  | 1,172                          | 2769                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8335 @ 2.93GHz</a>  | 1,064                          | 2874                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8400 @ 3.00GHz</a>  | 1,171                          | 2771                      | 8.37                            | \$140.00       |
| <a href="#">Intel Core2 Duo E8435 @ 3.06GHz</a>  | 1,157                          | 2784                      | 19.29                           | \$59.99*       |
| <a href="#">Intel Core2 Duo E8500 @ 3.16GHz</a>  | 1,244                          | 2709                      | 9.57                            | \$129.95*      |



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Duo L7100 @ 1.20GHz</a>  | 407                            | 3409                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7300 @ 1.40GHz</a>  | 489                            | 3462                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7400 @ 1.50GHz</a>  | 516                            | 3439                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7500 @ 1.60GHz</a>  | 575                            | 3374                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7700 @ 1.80GHz</a>  | 607                            | 3335                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7800 @ 2.00GHz</a>  | 680                            | 3262                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L9300 @ 1.60GHz</a>  | 666                            | 3275                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L9600 @ 2.13GHz</a>  | 900                            | 3030                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P7350 @ 2.00GHz</a>  | 748                            | 3181                      | 37.41                           | \$19.99*       |
| <a href="#">Intel Core2 Duo P7370 @ 2.00GHz</a>  | 790                            | 3138                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P7450 @ 2.13GHz</a>  | 755                            | 3174                      | 18.88                           | \$39.99*       |
| <a href="#">Intel Core2 Duo P7550 @ 2.26GHz</a>  | 877                            | 3045                      | 3.81                            | \$229.99*      |
| <a href="#">Intel Core2 Duo P7570 @ 2.26GHz</a>  | 804                            | 3121                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P8400 @ 2.26GHz</a>  | 830                            | 3095                      | 2.80                            | \$297.01*      |
| <a href="#">Intel Core2 Duo P8600 @ 2.40GHz</a>  | 841                            | 3080                      | 17.11                           | \$49.18*       |
| <a href="#">Intel Core2 Duo P8700 @ 2.53GHz</a>  | 967                            | 2966                      | 11.39                           | \$84.95*       |
| <a href="#">Intel Core2 Duo P8800 @ 2.66GHz</a>  | 955                            | 2976                      | 16.76                           | \$56.99*       |
| <a href="#">Intel Core2 Duo P9300 @ 2.26GHz</a>  | 909                            | 3021                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P9500 @ 2.53GHz</a>  | 993                            | 2942                      | 0.99                            | \$998.99*      |
| <a href="#">Intel Core2 Duo P9600 @ 2.53GHz</a>  | 1,012                          | 2919                      | 10.22                           | \$99.00*       |
| <a href="#">Intel Core2 Duo P9600 @ 2.66GHz</a>  | 1,078                          | 2855                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P9700 @ 2.80GHz</a>  | 1,125                          | 2811                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo SL9400 @ 1.86GHz</a> | 764                            | 3164                      | 3.02                            | \$253.00*      |
| <a href="#">Intel Core2 Duo SP9400 @ 2.40GHz</a> | 948                            | 2985                      | 3.34                            | \$284.00*      |
| <a href="#">Intel Core2 Duo SU9400 @ 1.40GHz</a> | 509                            | 3442                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5200 @ 1.60GHz</a>  | 438                            | 3507                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5250 @ 1.50GHz</a>  | 509                            | 3443                      | 5.66                            | \$89.95*       |
| <a href="#">Intel Core2 Duo T5270 @ 1.40GHz</a>  | 468                            | 3487                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5300 @ 1.73GHz</a>  | 569                            | 3378                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5450 @ 1.66GHz</a>  | 538                            | 3411                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5470 @ 1.60GHz</a>  | 531                            | 3419                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5500 @ 1.66GHz</a>  | 513                            | 3440                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5550 @ 1.83GHz</a>  | 590                            | 3354                      | NA                              | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Duo 1567U @ 1.80GHz</a> | 513                            | 3373                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5750 @ 2.00GHz</a> | 690                            | 3248                      | 69.06                           | \$9.99*        |
| <a href="#">Intel Core2 Duo T5800 @ 2.00GHz</a> | 635                            | 3306                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5850 @ 2.16GHz</a> | 687                            | 3255                      | 24.73                           | \$27.79*       |
| <a href="#">Intel Core2 Duo T5870 @ 2.00GHz</a> | 723                            | 3210                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5900 @ 2.20GHz</a> | 652                            | 3289                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T6400 @ 2.00GHz</a> | 705                            | 3231                      | 47.01                           | \$14.99*       |
| <a href="#">Intel Core2 Duo T6500 @ 2.10GHz</a> | 720                            | 3214                      | 48.01                           | \$14.99*       |
| <a href="#">Intel Core2 Duo T6570 @ 2.10GHz</a> | 728                            | 3204                      | 18.90                           | \$38.50*       |
| <a href="#">Intel Core2 Duo T6600 @ 2.20GHz</a> | 764                            | 3163                      | 19.12                           | \$39.97*       |
| <a href="#">Intel Core2 Duo T6670 @ 2.20GHz</a> | 767                            | 3159                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T7100 @ 1.80GHz</a> | 649                            | 3292                      | 43.32                           | \$14.99*       |
| <a href="#">Intel Core2 Duo T7200 @ 2.00GHz</a> | 723                            | 3211                      | 13.35                           | \$54.19        |
| <a href="#">Intel Core2 Duo T7250 @ 2.00GHz</a> | 688                            | 3251                      | 3.42                            | \$201.48*      |
| <a href="#">Intel Core2 Duo T7300 @ 2.00GHz</a> | 688                            | 3253                      | 12.74                           | \$53.99*       |
| <a href="#">Intel Core2 Duo T7400 @ 2.16GHz</a> | 702                            | 3235                      | 4.68                            | \$149.95*      |
| <a href="#">Intel Core2 Duo T7500 @ 2.20GHz</a> | 821                            | 3104                      | 19.11                           | \$42.99*       |
| <a href="#">Intel Core2 Duo T7600 @ 2.33GHz</a> | 795                            | 3133                      | 7.96                            | \$99.95*       |
| <a href="#">Intel Core2 Duo T7700 @ 2.40GHz</a> | 853                            | 3068                      | 6.56                            | \$129.95       |
| <a href="#">Intel Core2 Duo T7800 @ 2.60GHz</a> | 976                            | 2959                      | 1.60                            | \$607.99*      |
| <a href="#">Intel Core2 Duo T8100 @ 2.10GHz</a> | 740                            | 3190                      | 0.74                            | \$999.99*      |
| <a href="#">Intel Core2 Duo T8300 @ 2.40GHz</a> | 886                            | 3037                      | 8.13                            | \$108.95*      |
| <a href="#">Intel Core2 Duo T9300 @ 2.50GHz</a> | 952                            | 2980                      | 10.03                           | \$94.95*       |
| <a href="#">Intel Core2 Duo T9400 @ 2.53GHz</a> | 943                            | 2988                      | 20.98                           | \$44.95*       |
| <a href="#">Intel Core2 Duo T9500 @ 2.60GHz</a> | 1,024                          | 2910                      | 9.48                            | \$108.02*      |
| <a href="#">Intel Core2 Duo T9550 @ 2.66GHz</a> | 923                            | 3009                      | 3.09                            | \$298.95*      |
| <a href="#">Intel Core2 Duo T9600 @ 2.80GHz</a> | 1,057                          | 2883                      | 19.24                           | \$54.95*       |
| <a href="#">Intel Core2 Duo T9800 @ 2.93GHz</a> | 1,178                          | 2763                      | 2.78                            | \$423.89*      |
| <a href="#">Intel Core2 Duo T9900 @ 3.06GHz</a> | 1,180                          | 2758                      | 2.96                            | \$398.95*      |
| <a href="#">Intel Core2 Duo U7300 @ 1.30GHz</a> | 503                            | 3446                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo U7500 @ 1.06GHz</a> | 405                            | 3539                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo U7600 @ 1.20GHz</a> | 316                            | 3649                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo U7700 @ 1.33GHz</a> | 345                            | 3615                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Core2 Duo U9600 @ 1.60GHz</a>  | 304                            | 3301                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme Q6800 @ 2.93GHz</a>  | 2,093                          | 2160                      | 1.86                            | \$1,125.00*    |
| <a href="#">Intel Core2 Extreme Q6850 @ 3.00GHz</a>  | 2,292                          | 2055                      | 1.53                            | \$1,495.95*    |
| <a href="#">Intel Core2 Extreme Q9200 @ 2.40GHz</a>  | 2,011                          | 2205                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme Q9300 @ 2.53GHz</a>  | 1,918                          | 2257                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme X6800 @ 2.93GHz</a>  | 823                            | 3102                      | 3.12                            | \$263.64*      |
| <a href="#">Intel Core2 Extreme X7800 @ 2.60GHz</a>  | 1,138                          | 2802                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme X7900 @ 2.80GHz</a>  | 1,093                          | 2843                      | 6.83                            | \$159.95*      |
| <a href="#">Intel Core2 Extreme X9000 @ 2.80GHz</a>  | 1,135                          | 2807                      | 2.77                            | \$409.95*      |
| <a href="#">Intel Core2 Extreme X9100 @ 3.06GHz</a>  | 1,122                          | 2814                      | 1.32                            | \$851.00*      |
| <a href="#">Intel Core2 Extreme X9650 @ 3.00GHz</a>  | 2,435                          | 1973                      | 2.83                            | \$859.99*      |
| <a href="#">Intel Core2 Extreme X9750 @ 3.16GHz</a>  | 2,348                          | 2017                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme X9770 @ 3.20GHz</a>  | 2,658                          | 1884                      | 1.65                            | \$1,608.95*    |
| <a href="#">Intel Core2 Extreme X9775 @ 3.20GHz</a>  | 2,780                          | 1839                      | 1.54                            | \$1,805.95*    |
| <a href="#">Intel Core2 Quad Q6600 @ 2.40GHz</a>   | 1,783                          | 2346                      | 18.65                           | \$95.60*       |
| <a href="#">Intel Core2 Quad Q6700 @ 2.66GHz</a>   | 2,072                          | 2174                      | 20.73                           | \$99.95*       |
| <a href="#">Intel Core2 Quad Q8200 @ 2.33GHz</a>   | 1,797                          | 2337                      | 28.08                           | \$63.99*       |
| <a href="#">Intel Core2 Quad Q8300 @ 2.50GHz</a>   | 1,828                          | 2318                      | 54.20                           | \$33.72        |
| <a href="#">Intel Core2 Quad Q8400 @ 2.66GHz</a>   | 2,044                          | 2187                      | 15.86                           | \$128.88*      |
| <a href="#">Intel Core2 Quad Q9000 @ 2.00GHz</a>   | 1,480                          | 2546                      | 3.80                            | \$389.00*      |
| <a href="#">Intel Core2 Quad Q9100 @ 2.26GHz</a>   | 1,764                          | 2357                      | 4.57                            | \$385.89*      |
| <a href="#">Intel Core2 Quad Q9300 @ 2.50GHz</a>   | 1,955                          | 2231                      | 28.74                           | \$68.02*       |
| <a href="#">Intel Core2 Quad Q9400 @ 2.66GHz</a>   | 2,074                          | 2173                      | 54.57                           | \$38.01*       |
| <a href="#">Intel Core2 Quad Q9450 @ 2.66GHz</a>   | 2,116                          | 2145                      | 59.28                           | \$35.70*       |
| <a href="#">Intel Core2 Quad Q9500 @ 2.83GHz</a>   | 2,212                          | 2103                      | 45.13                           | \$49.01*       |
| <a href="#">Intel Core2 Quad Q9505 @ 2.83GHz</a>   | 2,027                          | 2197                      | 6.14                            | \$329.99       |
| <a href="#">Intel Core2 Quad Q9550 @ 2.83GHz</a>   | 2,294                          | 2052                      | 76.51                           | \$29.98        |
| <a href="#">Intel Core2 Quad Q9650 @ 3.00GHz</a>   | 2,423                          | 1977                      | 48.47                           | \$49.98        |
| <a href="#">Intel Core2 Solo U2100 @ 1.06GHz</a>   | 233                            | 3779                      | NA                              | NA             |
| <a href="#">Intel Core2 Solo U3500 @ 1.40GHz</a>   | 252                            | 3746                      | NA                              | NA             |
| <a href="#">Intel Core 860 @ 2.80GHz</a>   | 2,754                          | 1845                      | 10.20                           | \$270.00       |
| <a href="#">Intel Core Duo L2300 @ 1.50GHz</a>   | 387                            | 3567                      | NA                              | NA             |
| <a href="#">Intel Core Duo L2400 @ 1.66GHz</a>   | 348                            | 3611                      | NA                              | NA             |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core Duo T2050 @ 1.60GHz</a>  | 320                            | 3044                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2250 @ 1.73GHz</a>  | 347                            | 3613                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2300 @ 1.66GHz</a>  | 334                            | 3632                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2350 @ 1.86GHz</a>  | 384                            | 3572                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2400 @ 1.83GHz</a>  | 359                            | 3595                      | 22.41                           | \$16.00*       |
| <a href="#">Intel Core Duo T2450 @ 2.00GHz</a>  | 404                            | 3543                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2500 @ 2.00GHz</a>  | 408                            | 3536                      | 3.40                            | \$119.99*      |
| <a href="#">Intel Core Duo T2600 @ 2.16GHz</a>  | 450                            | 3501                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2700 @ 2.33GHz</a>  | 498                            | 3451                      | NA                              | NA             |
| <a href="#">Intel Core Duo U2400 @ 1.06GHz</a>  | 255                            | 3739                      | NA                              | NA             |
| <a href="#">Intel Core Duo U2500 @ 1.20GHz</a>  | 220                            | 3796                      | NA                              | NA             |
| <a href="#">Intel Core i3-330E @ 2.13GHz</a>    | 1,260                          | 2699                      | NA                              | NA             |
| <a href="#">Intel Core i3-330M @ 2.13GHz</a>    | 1,000                          | 2935                      | 6.67                            | \$149.95       |
| <a href="#">Intel Core i3-330UM @ 1.20GHz</a>   | 484                            | 3467                      | NA                              | NA             |
| <a href="#">Intel Core i3-350M @ 2.27GHz</a>    | 1,057                          | 2884                      | 36.43                           | \$29.00*       |
| <a href="#">Intel Core i3-370M @ 2.40GHz</a>    | 1,128                          | 2808                      | 37.65                           | \$29.96        |
| <a href="#">Intel Core i3-380M @ 2.53GHz</a>    | 1,173                          | 2767                      | 23.49                           | \$49.95        |
| <a href="#">Intel Core i3-380UM @ 1.33GHz</a>   | 699                            | 3237                      | NA                              | NA             |
| <a href="#">Intel Core i3-390M @ 2.67GHz</a>    | 1,178                          | 2762                      | 30.25                           | \$38.95*       |
| <a href="#">Intel Core i3-530 @ 2.93GHz</a>     | 1,468                          | 2555                      | 73.51                           | \$19.97        |
| <a href="#">Intel Core i3-540 @ 3.07GHz</a>     | 1,514                          | 2520                      | 8.41                            | \$179.95       |
| <a href="#">Intel Core i3-550 @ 3.20GHz</a>     | 1,594                          | 2463                      | 7.24                            | \$219.99       |
| <a href="#">Intel Core i3-560 @ 3.33GHz</a>     | 1,704                          | 2396                      | 8.97                            | \$189.95       |
| <a href="#">Intel Core i3-1000NG4 @ 1.10GHz</a> | 3,870                          | 1501                      | NA                              | NA             |
| <a href="#">Intel Core i3-1005G1 @ 1.20GHz</a>  | 5,067                          | 1296                      | 18.03                           | \$281.00*      |
| <a href="#">Intel Core i3-1110G4 @ 1.80GHz</a>  | 3,421                          | 1611                      | 12.18                           | \$281.00*      |
| <a href="#">Intel Core i3-1115G4 @ 3.00GHz</a>  | 6,237                          | 1104                      | 22.20                           | \$281.00*      |
| <a href="#">Intel Core i3-1115G4E @ 3.00GHz</a> | 5,810                          | 1172                      | 20.38                           | \$285.00*      |
| <a href="#">Intel Core i3-1115GRE @ 3.00GHz</a> | 3,918                          | 1491                      | 11.59                           | \$338.00*      |
| <a href="#">Intel Core i3-1125G4 @ 2.00GHz</a>  | 9,964                          | 736                       | NA                              | NA             |
| <a href="#">Intel Core i3-1210U</a>             | 12,130                         | 621                       | NA                              | NA             |
| <a href="#">Intel Core i3-1215U</a>             | 11,603                         | 644                       | NA                              | NA             |
| <a href="#">Intel Core i3-1220P</a>             | 15,659                         | 467                       | 55.73                           | \$281.00*      |

## CPU Benchmarks

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Core i3-2100T @ 2.50GHz</a>  | 1,407                          | 2330                      | 31.24                           | \$47.00        |
| <a href="#">Intel Core i3-2102 @ 3.10GHz</a>   | 2,029                          | 2195                      | 34.98                           | \$58.00*       |
| <a href="#">Intel Core i3-2105 @ 3.10GHz</a>   | 1,835                          | 2315                      | 16.24                           | \$112.97*      |
| <a href="#">Intel Core i3-2120 @ 3.30GHz</a>   | 1,934                          | 2246                      | 21.73                           | \$89.00        |
| <a href="#">Intel Core i3-2120T @ 2.60GHz</a>  | 1,486                          | 2539                      | 19.82                           | \$75.00        |
| <a href="#">Intel Core i3-2125 @ 3.30GHz</a>   | 2,093                          | 2161                      | 13.95                           | \$149.99       |
| <a href="#">Intel Core i3-2130 @ 3.40GHz</a>   | 2,002                          | 2208                      | 33.26                           | \$60.19        |
| <a href="#">Intel Core i3-2140 @ 3.50GHz</a>   | 2,307                          | 2041                      | NA                              | NA             |
| <a href="#">Intel Core i3-2310E @ 2.10GHz</a>  | 1,845                          | 2309                      | 8.20                            | \$225.00*      |
| <a href="#">Intel Core i3-2310M @ 2.10GHz</a>  | 1,203                          | 2743                      | 30.11                           | \$39.95*       |
| <a href="#">Intel Core i3-2312M @ 2.10GHz</a>  | 1,138                          | 2804                      | NA                              | NA             |
| <a href="#">Intel Core i3-2328M @ 2.20GHz</a>  | 1,227                          | 2722                      | 8.17                            | \$150.11*      |
| <a href="#">Intel Core i3-2330E @ 2.20GHz</a>  | 1,823                          | 2321                      | NA                              | NA             |
| <a href="#">Intel Core i3-2330M @ 2.20GHz</a>  | 1,230                          | 2718                      | 30.80                           | \$39.95        |
| <a href="#">Intel Core i3-2332M @ 2.20GHz</a>  | 1,353                          | 2629                      | NA                              | NA             |
| <a href="#">Intel Core i3-2340UE @ 1.30GHz</a> | 976                            | 2957                      | NA                              | NA             |
| <a href="#">Intel Core i3-2348M @ 2.30GHz</a>  | 1,270                          | 2691                      | NA                              | NA             |
| <a href="#">Intel Core i3-2350M @ 2.30GHz</a>  | 1,244                          | 2708                      | 46.42                           | \$26.81        |
| <a href="#">Intel Core i3-2357M @ 1.30GHz</a>  | 763                            | 3165                      | NA                              | NA             |
| <a href="#">Intel Core i3-2365M @ 1.40GHz</a>  | 825                            | 3099                      | NA                              | NA             |
| <a href="#">Intel Core i3-2367M @ 1.40GHz</a>  | 836                            | 3090                      | NA                              | NA             |
| <a href="#">Intel Core i3-2370M @ 2.40GHz</a>  | 1,345                          | 2634                      | 36.37                           | \$36.99        |
| <a href="#">Intel Core i3-2375M @ 1.50GHz</a>  | 894                            | 3034                      | NA                              | NA             |
| <a href="#">Intel Core i3-2377M @ 1.50GHz</a>  | 857                            | 3061                      | NA                              | NA             |
| <a href="#">Intel Core i3-3110M @ 2.40GHz</a>  | 1,620                          | 2449                      | 23.16                           | \$69.95*       |
| <a href="#">Intel Core i3-3120M @ 2.50GHz</a>  | 1,652                          | 2424                      | 12.81                           | \$129.00*      |
| <a href="#">Intel Core i3-3130M @ 2.60GHz</a>  | 1,824                          | 2320                      | NA                              | NA             |
| <a href="#">Intel Core i3-3210 @ 3.20GHz</a>   | 2,126                          | 2142                      | 30.37                           | \$70.00        |
| <a href="#">Intel Core i3-3217U @ 1.80GHz</a>  | 1,198                          | 2746                      | 6.02                            | \$199.00*      |
| <a href="#">Intel Core i3-3217UE @ 1.60GHz</a> | 1,362                          | 2620                      | NA                              | NA             |
| <a href="#">Intel Core i3-3220 @ 3.30GHz</a>   | 2,229                          | 2096                      | 50.70                           | \$43.96        |
| <a href="#">Intel Core i3-3220T @ 2.80GHz</a>  | 1,933                          | 2247                      | 7.13                            | \$270.88       |
| <a href="#">Intel Core i3-3225 @ 3.30GHz</a>   | 2,231                          | 2094                      | 12.12                           | \$184.00       |

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-3229Y @ 1.40GHz</a>  | 1,004                          | 2931                      | NA                              | NA             |
| <a href="#">Intel Core i3-3240 @ 3.40GHz</a>   | 2,292                          | 2053                      | 52.08                           | \$44.02        |
| <a href="#">Intel Core i3-3240T @ 2.90GHz</a>  | 2,007                          | 2206                      | NA                              | NA             |
| <a href="#">Intel Core i3-3245 @ 3.40GHz</a>   | 2,295                          | 2050                      | 15.83                           | \$145.00       |
| <a href="#">Intel Core i3-3250 @ 3.50GHz</a>   | 2,389                          | 1995                      | 29.79                           | \$80.20        |
| <a href="#">Intel Core i3-3250T @ 3.00GHz</a>  | 2,650                          | 1886                      | NA                              | NA             |
| <a href="#">Intel Core i3-4000M @ 2.40GHz</a>  | 1,772                          | 2352                      | 30.49                           | \$58.11*       |
| <a href="#">Intel Core i3-4005U @ 1.70GHz</a>  | 1,643                          | 2432                      | NA                              | NA             |
| <a href="#">Intel Core i3-4010U @ 1.70GHz</a>  | 1,626                          | 2444                      | 13.01                           | \$124.95*      |
| <a href="#">Intel Core i3-4010Y @ 1.30GHz</a>  | 1,350                          | 2631                      | NA                              | NA             |
| <a href="#">Intel Core i3-4012Y @ 1.50GHz</a>  | 1,208                          | 2737                      | NA                              | NA             |
| <a href="#">Intel Core i3-4020Y @ 1.50GHz</a>  | 1,441                          | 2568                      | NA                              | NA             |
| <a href="#">Intel Core i3-4025U @ 1.90GHz</a>  | 1,979                          | 2219                      | NA                              | NA             |
| <a href="#">Intel Core i3-4030U @ 1.90GHz</a>  | 1,867                          | 2292                      | NA                              | NA             |
| <a href="#">Intel Core i3-4030Y @ 1.60GHz</a>  | 1,654                          | 2423                      | NA                              | NA             |
| <a href="#">Intel Core i3-4100E @ 2.40GHz</a>  | 1,848                          | 2306                      | 8.22                            | \$225.00*      |
| <a href="#">Intel Core i3-4100M @ 2.50GHz</a>  | 2,482                          | 1954                      | 11.36                           | \$218.57*      |
| <a href="#">Intel Core i3-4110M @ 2.60GHz</a>  | 2,678                          | 1875                      | NA                              | NA             |
| <a href="#">Intel Core i3-4110U @ 1.90GHz</a>  | 1,853                          | 2300                      | NA                              | NA             |
| <a href="#">Intel Core i3-4120U @ 2.00GHz</a>  | 1,948                          | 2234                      | NA                              | NA             |
| <a href="#">Intel Core i3-4130 @ 3.40GHz</a>   | 3,311                          | 1641                      | 84.89                           | \$39.00        |
| <a href="#">Intel Core i3-4130T @ 2.90GHz</a>  | 2,882                          | 1806                      | 11.60                           | \$248.56*      |
| <a href="#">Intel Core i3-4150 @ 3.50GHz</a>   | 3,350                          | 1630                      | 43.67                           | \$76.71        |
| <a href="#">Intel Core i3-4150T @ 3.00GHz</a>  | 2,867                          | 1812                      | 6.87                            | \$417.42*      |
| <a href="#">Intel Core i3-4158U @ 2.00GHz</a>  | 1,718                          | 2389                      | NA                              | NA             |
| <a href="#">Intel Core i3-4160 @ 3.60GHz</a>   | 3,504                          | 1584                      | 45.43                           | \$77.14        |
| <a href="#">Intel Core i3-4160T @ 3.10GHz</a>  | 3,133                          | 1710                      | 52.22                           | \$59.99*       |
| <a href="#">Intel Core i3-4170 @ 3.70GHz</a>   | 3,571                          | 1570                      | 61.71                           | \$57.87        |
| <a href="#">Intel Core i3-4170T @ 3.20GHz</a>  | 3,181                          | 1695                      | 15.91                           | \$199.95*      |
| <a href="#">Intel Core i3-4330 @ 3.50GHz</a>   | 3,539                          | 1576                      | 20.82                           | \$169.95*      |
| <a href="#">Intel Core i3-4330T @ 3.00GHz</a>  | 3,098                          | 1724                      | NA                              | NA             |
| <a href="#">Intel Core i3-4330TE @ 2.40GHz</a> | 2,255                          | 2082                      | NA                              | NA             |
| <a href="#">Intel Core i3-4340 @ 3.60GHz</a>   | 3,512                          | 1582                      | 23.41                           | \$149.99*      |

## CPU Benchmarks

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Core i3-4350U @ 3.10GHz</a>  | 2,000                          | 1055                      | NA                              | NA             |
| <a href="#">Intel Core i3-4360 @ 3.70GHz</a>   | 3,634                          | 1557                      | 60.57                           | \$59.99        |
| <a href="#">Intel Core i3-4360T @ 3.20GHz</a>  | 3,393                          | 1616                      | NA                              | NA             |
| <a href="#">Intel Core i3-4370 @ 3.80GHz</a>   | 3,805                          | 1519                      | 12.73                           | \$299.00*      |
| <a href="#">Intel Core i3-4370T @ 3.30GHz</a>  | 3,361                          | 1629                      | 24.35                           | \$138.00*      |
| <a href="#">Intel Core i3-4570T @ 2.90GHz</a>  | 3,244                          | 1667                      | NA                              | NA             |
| <a href="#">Intel Core i3-5005U @ 2.00GHz</a>  | 2,020                          | 2199                      | 6.56                            | \$308.00*      |
| <a href="#">Intel Core i3-5010U @ 2.10GHz</a>  | 2,187                          | 2117                      | 7.29                            | \$299.86*      |
| <a href="#">Intel Core i3-5015U @ 2.10GHz</a>  | 1,947                          | 2235                      | NA                              | NA             |
| <a href="#">Intel Core i3-5020U @ 2.20GHz</a>  | 2,225                          | 2099                      | 4.85                            | \$459.00*      |
| <a href="#">Intel Core i3-5157U @ 2.50GHz</a>  | 2,588                          | 1908                      | NA                              | NA             |
| <a href="#">Intel Core i3-6006U @ 2.00GHz</a>  | 2,269                          | 2073                      | NA                              | NA             |
| <a href="#">Intel Core i3-6098P @ 3.60GHz</a>  | 4,158                          | 1446                      | 50.94                           | \$81.63        |
| <a href="#">Intel Core i3-6100 @ 3.70GHz</a>   | 4,153                          | 1447                      | 39.55                           | \$105.00       |
| <a href="#">Intel Core i3-6100E @ 2.70GHz</a>  | 3,315                          | 1640                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100H @ 2.70GHz</a>  | 3,041                          | 1745                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100T @ 3.20GHz</a>  | 3,628                          | 1558                      | 31.97                           | \$113.50       |
| <a href="#">Intel Core i3-6100TE @ 2.70GHz</a> | 3,085                          | 1728                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100U @ 2.30GHz</a>  | 2,624                          | 1894                      | 4.95                            | \$529.99*      |
| <a href="#">Intel Core i3-6102E @ 1.90GHz</a>  | 2,349                          | 2016                      | 10.44                           | \$225.00*      |
| <a href="#">Intel Core i3-6157U @ 2.40GHz</a>  | 2,787                          | 1837                      | NA                              | NA             |
| <a href="#">Intel Core i3-6300 @ 3.80GHz</a>   | 4,401                          | 1394                      | 49.46                           | \$88.99        |
| <a href="#">Intel Core i3-6300T @ 3.30GHz</a>  | 4,040                          | 1469                      | 44.88                           | \$90.03        |
| <a href="#">Intel Core i3-6320 @ 3.90GHz</a>   | 4,389                          | 1399                      | 45.44                           | \$96.60        |
| <a href="#">Intel Core i3-7020U @ 2.30GHz</a>  | 2,563                          | 1922                      | 9.12                            | \$281.00*      |
| <a href="#">Intel Core i3-7100 @ 3.90GHz</a>   | 4,341                          | 1408                      | 41.75                           | \$103.99       |
| <a href="#">Intel Core i3-7100H @ 3.00GHz</a>  | 3,430                          | 1608                      | 15.25                           | \$225.00*      |
| <a href="#">Intel Core i3-7100T @ 3.40GHz</a>  | 3,760                          | 1527                      | 25.08                           | \$149.88       |
| <a href="#">Intel Core i3-7100U @ 2.40GHz</a>  | 2,717                          | 1860                      | 5.88                            | \$462.00*      |
| <a href="#">Intel Core i3-7101TE @ 3.40GHz</a> | 3,911                          | 1492                      | 33.43                           | \$117.00*      |
| <a href="#">Intel Core i3-7102E @ 2.10GHz</a>  | 2,521                          | 1936                      | 11.21                           | \$225.00*      |
| <a href="#">Intel Core i3-7130U @ 2.70GHz</a>  | 2,970                          | 1770                      | 6.46                            | \$459.99*      |
| <a href="#">Intel Core i3-7167U @ 2.80GHz</a>  | 3,280                          | 1654                      | NA                              | NA             |

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Core i3-7300T @ 3.50GHz</a>  | 4,139                          | 1443                      | 22.30                           | \$101.33       |
| <a href="#">Intel Core i3-7320 @ 4.10GHz</a>   | 4,848                          | 1321                      | 37.60                           | \$128.94       |
| <a href="#">Intel Core i3-7350K @ 4.20GHz</a>  | 4,819                          | 1328                      | 41.23                           | \$116.90       |
| <a href="#">Intel Core i3-8100 @ 3.60GHz</a>   | 6,165                          | 1115                      | 51.37                           | \$120.00       |
| <a href="#">Intel Core i3-8100B @ 3.60GHz</a>  | 6,053                          | 1138                      | 45.51                           | \$133.00*      |
| <a href="#">Intel Core i3-8100T @ 3.10GHz</a>  | 5,260                          | 1263                      | 24.01                           | \$219.05*      |
| <a href="#">Intel Core i3-8109U @ 3.00GHz</a>  | 4,283                          | 1419                      | 8.57                            | \$499.99*      |
| <a href="#">Intel Core i3-8121U @ 2.20GHz</a>  | 4,382                          | 1400                      | 15.11                           | \$290.00*      |
| <a href="#">Intel Core i3-8130U @ 2.20GHz</a>  | 3,635                          | 1556                      | 12.94                           | \$281.00*      |
| <a href="#">Intel Core i3-8140U @ 2.10GHz</a>  | 4,227                          | 1432                      | NA                              | NA             |
| <a href="#">Intel Core i3-8145U @ 2.10GHz</a>  | 3,856                          | 1504                      | 13.72                           | \$281.00*      |
| <a href="#">Intel Core i3-8145UE @ 2.20GHz</a> | 4,087                          | 1460                      | 14.54                           | \$281.00*      |
| <a href="#">Intel Core i3-8300 @ 3.70GHz</a>   | 6,231                          | 1106                      | 34.61                           | \$180.05       |
| <a href="#">Intel Core i3-8300T @ 3.20GHz</a>  | 5,848                          | 1170                      | 36.79                           | \$158.95*      |
| <a href="#">Intel Core i3-8350K @ 4.00GHz</a>  | 6,891                          | 1015                      | 47.50                           | \$145.07       |
| <a href="#">Intel Core i3-9100 @ 3.60GHz</a>   | 6,636                          | 1044                      | 44.54                           | \$149.00       |
| <a href="#">Intel Core i3-9100F @ 3.60GHz</a>  | 6,773                          | 1035                      | 64.00                           | \$105.82       |
| <a href="#">Intel Core i3-9100T @ 3.10GHz</a>  | 5,553                          | 1212                      | 45.51                           | \$122.00*      |
| <a href="#">Intel Core i3-9100TE @ 2.20GHz</a> | 4,501                          | 1378                      | 36.89                           | \$122.00*      |
| <a href="#">Intel Core i3-9300 @ 3.70GHz</a>   | 7,279                          | 955                       | 28.55                           | \$255.00       |
| <a href="#">Intel Core i3-9300T @ 3.20GHz</a>  | 6,162                          | 1116                      | 43.09                           | \$143.00*      |
| <a href="#">Intel Core i3-9320 @ 3.70GHz</a>   | 7,358                          | 943                       | 34.12                           | \$215.67*      |
| <a href="#">Intel Core i3-9350K @ 4.00GHz</a>  | 7,722                          | 897                       | 26.33                           | \$293.22*      |
| <a href="#">Intel Core i3-9350KF @ 4.00GHz</a> | 7,394                          | 938                       | 67.06                           | \$110.26       |
| <a href="#">Intel Core i3-10100 @ 3.60GHz</a>  | 8,767                          | 810                       | 83.49                           | \$105.00       |
| <a href="#">Intel Core i3-10100E @ 3.20GHz</a> | 8,229                          | 854                       | 65.83                           | \$125.00*      |
| <a href="#">Intel Core i3-10100F @ 3.60GHz</a> | 8,849                          | 806                       | 119.60                          | \$73.99        |
| <a href="#">Intel Core i3-10100T @ 3.00GHz</a> | 7,363                          | 942                       | 60.35                           | \$122.00*      |
| <a href="#">Intel Core i3-10100Y @ 1.30GHz</a> | 3,098                          | 1723                      | NA                              | NA             |
| <a href="#">Intel Core i3-10105 @ 3.70GHz</a>  | 8,826                          | 808                       | 80.97                           | \$109.00       |
| <a href="#">Intel Core i3-10105F @ 3.70GHz</a> | 9,107                          | 793                       | 115.30                          | \$78.99        |
| <a href="#">Intel Core i3-10105T @ 3.00GHz</a> | 7,904                          | 885                       | 64.79                           | \$122.00*      |
| <a href="#">Intel Core i3-10110U @ 2.10GHz</a> | 3,982                          | 1481                      | 9.17                            | \$434.17*      |



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Core i3-10300 @ 3.70GHz</a>  | 9,133                          | 101                       | 33.04                           | \$109.99       |
| <a href="#">Intel Core i3-10300T @ 3.00GHz</a> | 8,119                          | 861                       | 45.68                           | \$177.72*      |
| <a href="#">Intel Core i3-10305 @ 3.80GHz</a>  | 9,689                          | 753                       | 60.56                           | \$159.99       |
| <a href="#">Intel Core i3-10305T @ 3.00GHz</a> | 8,136                          | 859                       | 56.90                           | \$143.00*      |
| <a href="#">Intel Core i3-10320 @ 3.80GHz</a>  | 10,037                         | 727                       | 71.70                           | \$139.99       |
| <a href="#">Intel Core i3-10325 @ 3.90GHz</a>  | 10,362                         | 710                       | 54.51                           | \$190.10*      |
| <a href="#">Intel Core i3-11100B @ 3.60GHz</a> | 11,357                         | 653                       | NA                              | NA             |
| <a href="#">Intel Core i3-12100</a>            | 14,344                         | 530                       | 117.57                          | \$122.00*      |
| <a href="#">Intel Core i3-12100F</a>           | 14,376                         | 527                       | 135.65                          | \$105.98       |
| <a href="#">Intel Core i3-12100T</a>           | 12,840                         | 601                       | 105.25                          | \$122.00*      |
| <a href="#">Intel Core i3-12100TE</a>          | 12,961                         | 595                       | 103.68                          | \$125.00*      |
| <a href="#">Intel Core i3-12300</a>            | 15,023                         | 494                       | 105.06                          | \$143.00*      |
| <a href="#">Intel Core i3-21050 @ 3.10GHz</a>  | 2,193                          | 2111                      | NA                              | NA             |
| <a href="#">Intel Core i5 750S @ 2.40GHz</a>   | 1,326                          | 2647                      | 6.31                            | \$210.19       |
| <a href="#">Intel Core i5 E 520 @ 2.40GHz</a>  | 1,619                          | 2450                      | NA                              | NA             |
| <a href="#">Intel Core i5-7Y54 @ 1.20GHz</a>   | 2,726                          | 1857                      | NA                              | NA             |
| <a href="#">Intel Core i5-7Y57 @ 1.20GHz</a>   | 2,789                          | 1836                      | NA                              | NA             |
| <a href="#">Intel Core i5-430M @ 2.27GHz</a>   | 1,201                          | 2744                      | 9.24                            | \$129.95*      |
| <a href="#">Intel Core i5-430UM @ 1.20GHz</a>  | 836                            | 3089                      | NA                              | NA             |
| <a href="#">Intel Core i5-450M @ 2.40GHz</a>   | 1,221                          | 2727                      | 38.20                           | \$31.95*       |
| <a href="#">Intel Core i5-460M @ 2.53GHz</a>   | 1,280                          | 2678                      | 19.71                           | \$64.95*       |
| <a href="#">Intel Core i5-470UM @ 1.33GHz</a>  | 762                            | 3168                      | NA                              | NA             |
| <a href="#">Intel Core i5-480M @ 2.67GHz</a>   | 1,312                          | 2657                      | 16.28                           | \$80.60*       |
| <a href="#">Intel Core i5-520M @ 2.40GHz</a>   | 1,731                          | 2380                      | 20.24                           | \$85.52*       |
| <a href="#">Intel Core i5-520UM @ 1.07GHz</a>  | 902                            | 3027                      | NA                              | NA             |
| <a href="#">Intel Core i5-540M @ 2.53GHz</a>   | 1,795                          | 2340                      | 36.65                           | \$48.99*       |
| <a href="#">Intel Core i5-540UM @ 1.20GHz</a>  | 1,002                          | 2934                      | NA                              | NA             |
| <a href="#">Intel Core i5-560M @ 2.67GHz</a>   | 1,878                          | 2283                      | 21.12                           | \$88.92*       |
| <a href="#">Intel Core i5-560UM @ 1.33GHz</a>  | 1,015                          | 2917                      | NA                              | NA             |
| <a href="#">Intel Core i5-580M @ 2.67GHz</a>   | 1,946                          | 2237                      | 19.47                           | \$99.95*       |
| <a href="#">Intel Core i5-650 @ 3.20GHz</a>    | 2,221                          | 2100                      | 11.80                           | \$188.19       |
| <a href="#">Intel Core i5-655K @ 3.20GHz</a>   | 2,017                          | 2202                      | 26.24                           | \$76.87*       |
| <a href="#">Intel Core i5-660 @ 3.33GHz</a>    | 2,358                          | 2011                      | 7.15                            | \$329.99       |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-67U @ 3.47GHz</a>     | 2,311                          | 1940                      | 0.00                            | \$291.00       |
| <a href="#">Intel Core i5-680 @ 3.60GHz</a>     | 2,580                          | 1916                      | 67.90                           | \$38.00        |
| <a href="#">Intel Core i5-750 @ 2.67GHz</a>     | 2,491                          | 1950                      | 15.30                           | \$162.82*      |
| <a href="#">Intel Core i5-760 @ 2.80GHz</a>     | 2,620                          | 1899                      | 9.89                            | \$265.00       |
| <a href="#">Intel Core i5-760S @ 2.53GHz</a>    | 5,440                          | 1227                      | NA                              | NA             |
| <a href="#">Intel Core i5-1030NG7 @ 1.10GHz</a> | 5,900                          | 1159                      | NA                              | NA             |
| <a href="#">Intel Core i5-1035G1 @ 1.00GHz</a>  | 7,592                          | 912                       | 25.56                           | \$297.00*      |
| <a href="#">Intel Core i5-1035G4 @ 1.10GHz</a>  | 8,110                          | 863                       | 26.25                           | \$309.00*      |
| <a href="#">Intel Core i5-1035G7 @ 1.20GHz</a>  | 8,483                          | 830                       | 26.51                           | \$320.00*      |
| <a href="#">Intel Core i5-1038NG7 @ 2.00GHz</a> | 9,527                          | 761                       | 29.77                           | \$320.00*      |
| <a href="#">Intel Core i5-1130G7 @ 1.10GHz</a>  | 8,853                          | 805                       | 28.65                           | \$309.00*      |
| <a href="#">Intel Core i5-1135G7 @ 2.40GHz</a>  | 10,047                         | 725                       | 32.51                           | \$309.00*      |
| <a href="#">Intel Core i5-1140G7 @ 1.10GHz</a>  | 9,865                          | 746                       | NA                              | NA             |
| <a href="#">Intel Core i5-1145G7 @ 2.60GHz</a>  | 10,191                         | 722                       | NA                              | NA             |
| <a href="#">Intel Core i5-1145G7E @ 2.60GHz</a> | 10,454                         | 703                       | 33.51                           | \$312.00*      |
| <a href="#">Intel Core i5-1145GRE @ 2.60GHz</a> | 10,003                         | 730                       | 27.63                           | \$362.00*      |
| <a href="#">Intel Core i5-1155G7 @ 2.50GHz</a>  | 10,018                         | 729                       | 32.42                           | \$309.00*      |
| <a href="#">Intel Core i5-1230U</a>             | 10,583                         | 696                       | 34.25                           | \$309.00*      |
| <a href="#">Intel Core i5-1235U</a>             | 13,478                         | 567                       | 43.62                           | \$309.00*      |
| <a href="#">Intel Core i5-1240P</a>             | 17,174                         | 418                       | NA                              | NA             |
| <a href="#">Intel Core i5-1245U</a>             | 13,008                         | 591                       | NA                              | NA             |
| <a href="#">Intel Core i5-1245UE</a>            | 11,991                         | 631                       | 38.43                           | \$312.00*      |
| <a href="#">Intel Core i5-1250P</a>             | 17,330                         | 412                       | NA                              | NA             |
| <a href="#">Intel Core i5-2300 @ 2.80GHz</a>    | 3,388                          | 1620                      | 84.15                           | \$40.26*       |
| <a href="#">Intel Core i5-2310 @ 2.90GHz</a>    | 3,638                          | 1555                      | 3.58                            | \$1,015.00     |
| <a href="#">Intel Core i5-2320 @ 3.00GHz</a>    | 3,655                          | 1554                      | 90.40                           | \$40.43        |
| <a href="#">Intel Core i5-2380P @ 3.10GHz</a>   | 3,797                          | 1520                      | 20.70                           | \$183.43       |
| <a href="#">Intel Core i5-2390T @ 2.70GHz</a>   | 2,375                          | 2002                      | 23.77                           | \$99.90*       |
| <a href="#">Intel Core i5-2400 @ 3.10GHz</a>    | 3,848                          | 1507                      | 35.63                           | \$108.00       |
| <a href="#">Intel Core i5-2400S @ 2.50GHz</a>   | 3,183                          | 1692                      | 27.88                           | \$114.19       |
| <a href="#">Intel Core i5-2405S @ 2.50GHz</a>   | 2,980                          | 1764                      | 25.79                           | \$115.56       |
| <a href="#">Intel Core i5-2410M @ 2.30GHz</a>   | 1,963                          | 2227                      | 46.61                           | \$42.12        |
| <a href="#">Intel Core i5-2415M @ 2.30GHz</a>   | 2,086                          | 2163                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name                                      | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼         |                                |                           |                                 |                |
| <a href="#">Intel Core i5-2435M @ 2.40GHz</a> | 2,120                          | 2144                      | NA                              | NA             |
| <a href="#">Intel Core i5-2450M @ 2.50GHz</a> | 2,059                          | 2181                      | 7.36                            | \$279.95*      |
| <a href="#">Intel Core i5-2450P @ 3.20GHz</a> | 4,175                          | 1440                      | 32.12                           | \$129.99       |
| <a href="#">Intel Core i5-2467M @ 1.60GHz</a> | 1,442                          | 2566                      | NA                              | NA             |
| <a href="#">Intel Core i5-2500 @ 3.30GHz</a>  | 4,107                          | 1454                      | 87.41                           | \$46.99        |
| <a href="#">Intel Core i5-2500K @ 3.30GHz</a> | 4,107                          | 1455                      | 72.05                           | \$57.00        |
| <a href="#">Intel Core i5-2500S @ 2.70GHz</a> | 3,460                          | 1600                      | 62.53                           | \$55.34*       |
| <a href="#">Intel Core i5-2500T @ 2.30GHz</a> | 2,942                          | 1785                      | 32.69                           | \$89.99*       |
| <a href="#">Intel Core i5-2510E @ 2.50GHz</a> | 1,889                          | 2275                      | NA                              | NA             |
| <a href="#">Intel Core i5-2515E @ 2.50GHz</a> | 1,882                          | 2280                      | NA                              | NA             |
| <a href="#">Intel Core i5-2520M @ 2.50GHz</a> | 2,243                          | 2087                      | 53.29                           | \$42.10*       |
| <a href="#">Intel Core i5-2537M @ 1.40GHz</a> | 1,150                          | 2790                      | NA                              | NA             |
| <a href="#">Intel Core i5-2540M @ 2.60GHz</a> | 2,292                          | 2054                      | 28.66                           | \$79.97        |
| <a href="#">Intel Core i5-2550K @ 3.40GHz</a> | 4,184                          | 1438                      | 38.40                           | \$108.98       |
| <a href="#">Intel Core i5-2557M @ 1.70GHz</a> | 1,797                          | 2335                      | NA                              | NA             |
| <a href="#">Intel Core i5-2560M @ 2.70GHz</a> | 2,131                          | 2136                      | NA                              | NA             |
| <a href="#">Intel Core i5-3170K @ 3.20GHz</a> | 8,882                          | 803                       | NA                              | NA             |
| <a href="#">Intel Core i5-3210M @ 2.50GHz</a> | 2,467                          | 1959                      | 47.42                           | \$52.02        |
| <a href="#">Intel Core i5-3230M @ 2.60GHz</a> | 2,522                          | 1934                      | 25.23                           | \$99.99        |
| <a href="#">Intel Core i5-3317U @ 1.70GHz</a> | 1,985                          | 2217                      | 8.82                            | \$225.00*      |
| <a href="#">Intel Core i5-3320M @ 2.60GHz</a> | 2,640                          | 1890                      | 59.95                           | \$44.04        |
| <a href="#">Intel Core i5-3330 @ 3.00GHz</a>  | 4,092                          | 1457                      | 35.07                           | \$116.69       |
| <a href="#">Intel Core i5-3330S @ 2.70GHz</a> | 3,820                          | 1515                      | 19.10                           | \$199.95*      |
| <a href="#">Intel Core i5-3335S @ 2.70GHz</a> | 3,754                          | 1530                      | NA                              | NA             |
| <a href="#">Intel Core i5-3337U @ 1.80GHz</a> | 2,084                          | 2165                      | 9.26                            | \$225.00*      |
| <a href="#">Intel Core i5-3339Y @ 1.50GHz</a> | 1,569                          | 2477                      | NA                              | NA             |
| <a href="#">Intel Core i5-3340 @ 3.10GHz</a>  | 4,209                          | 1435                      | 21.59                           | \$195.00*      |
| <a href="#">Intel Core i5-3340M @ 2.70GHz</a> | 2,658                          | 1883                      | 38.00                           | \$69.95*       |
| <a href="#">Intel Core i5-3340S @ 2.80GHz</a> | 4,088                          | 1459                      | 40.88                           | \$100.00       |
| <a href="#">Intel Core i5-3350P @ 3.10GHz</a> | 4,246                          | 1428                      | 19.02                           | \$223.19       |
| <a href="#">Intel Core i5-3360M @ 2.80GHz</a> | 2,845                          | 1818                      | 36.47                           | \$78.02        |
| <a href="#">Intel Core i5-3380M @ 2.90GHz</a> | 2,940                          | 1786                      | NA                              | NA             |
| <a href="#">Intel Core i5-3427U @ 1.80GHz</a> | 2,206                          | 2106                      | 5.25                            | \$420.05*      |

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-3439Y @ 1.50GHz</a>  | 1,307                          | 2200                      | NA                              | NA             |
| <a href="#">Intel Core i5-3450 @ 3.10GHz</a>   | 4,465                          | 1384                      | 18.20                           | \$245.33       |
| <a href="#">Intel Core i5-3450S @ 2.80GHz</a>  | 4,314                          | 1413                      | 45.41                           | \$95.00        |
| <a href="#">Intel Core i5-3470 @ 3.20GHz</a>   | 4,667                          | 1349                      | 63.94                           | \$73.00        |
| <a href="#">Intel Core i5-3470S @ 2.90GHz</a>  | 4,358                          | 1404                      | 60.50                           | \$72.03*       |
| <a href="#">Intel Core i5-3470T @ 2.90GHz</a>  | 2,957                          | 1772                      | 10.95                           | \$269.95*      |
| <a href="#">Intel Core i5-3475S @ 2.90GHz</a>  | 4,214                          | 1434                      | 16.86                           | \$249.95*      |
| <a href="#">Intel Core i5-3550 @ 3.30GHz</a>   | 4,742                          | 1338                      | 14.14                           | \$335.31       |
| <a href="#">Intel Core i5-3550S @ 3.00GHz</a>  | 4,537                          | 1372                      | 14.18                           | \$319.95*      |
| <a href="#">Intel Core i5-3570 @ 3.40GHz</a>   | 4,905                          | 1317                      | 22.30                           | \$219.95       |
| <a href="#">Intel Core i5-3570K @ 3.40GHz</a>  | 4,941                          | 1313                      | 65.03                           | \$75.98        |
| <a href="#">Intel Core i5-3570S @ 3.10GHz</a>  | 4,632                          | 1356                      | 44.12                           | \$105.00       |
| <a href="#">Intel Core i5-3570T @ 2.30GHz</a>  | 4,057                          | 1466                      | NA                              | NA             |
| <a href="#">Intel Core i5-3610ME @ 2.70GHz</a> | 2,553                          | 1926                      | NA                              | NA             |
| <a href="#">Intel Core i5-4200H @ 2.80GHz</a>  | 3,129                          | 1713                      | NA                              | NA             |
| <a href="#">Intel Core i5-4200M @ 2.50GHz</a>  | 2,772                          | 1841                      | 31.17                           | \$88.95*       |
| <a href="#">Intel Core i5-4200U @ 1.60GHz</a>  | 2,197                          | 2108                      | NA                              | NA             |
| <a href="#">Intel Core i5-4200Y @ 1.40GHz</a>  | 1,558                          | 2482                      | NA                              | NA             |
| <a href="#">Intel Core i5-4202Y @ 1.60GHz</a>  | 1,432                          | 2576                      | NA                              | NA             |
| <a href="#">Intel Core i5-4210H @ 2.90GHz</a>  | 2,993                          | 1758                      | NA                              | NA             |
| <a href="#">Intel Core i5-4210M @ 2.60GHz</a>  | 2,883                          | 1805                      | 32.75                           | \$88.04*       |
| <a href="#">Intel Core i5-4210U @ 1.70GHz</a>  | 2,298                          | 2048                      | NA                              | NA             |
| <a href="#">Intel Core i5-4210Y @ 1.50GHz</a>  | 1,548                          | 2494                      | NA                              | NA             |
| <a href="#">Intel Core i5-4220Y @ 1.60GHz</a>  | 1,591                          | 2464                      | NA                              | NA             |
| <a href="#">Intel Core i5-4230U @ 1.90GHz</a>  | 1,853                          | 2299                      | NA                              | NA             |
| <a href="#">Intel Core i5-4250U @ 1.30GHz</a>  | 2,194                          | 2110                      | 6.29                            | \$349.00*      |
| <a href="#">Intel Core i5-4258U @ 2.40GHz</a>  | 2,586                          | 1910                      | NA                              | NA             |
| <a href="#">Intel Core i5-4260U @ 1.40GHz</a>  | 2,344                          | 2020                      | NA                              | NA             |
| <a href="#">Intel Core i5-4278U @ 2.60GHz</a>  | 2,838                          | 1821                      | NA                              | NA             |
| <a href="#">Intel Core i5-4288U @ 2.60GHz</a>  | 2,614                          | 1900                      | NA                              | NA             |
| <a href="#">Intel Core i5-4300M @ 2.60GHz</a>  | 3,035                          | 1748                      | NA                              | NA             |
| <a href="#">Intel Core i5-4300U @ 1.90GHz</a>  | 2,509                          | 1942                      | NA                              | NA             |
| <a href="#">Intel Core i5-4300Y @ 1.60GHz</a>  | 1,515                          | 2518                      | NA                              | NA             |

 CPU Benchmarks 

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-4300U @ 2.80GHz</a>     | 3,073                          | 1732                      | NA                              | NA             |
| <a href="#">Intel Core i5-4310M @ 2.70GHz</a>     | 3,108                          | 1720                      | NA                              | NA             |
| <a href="#">Intel Core i5-4310U @ 2.00GHz</a>     | 2,517                          | 1939                      | NA                              | NA             |
| <a href="#">Intel Core i5-4330M @ 2.80GHz</a>     | 3,208                          | 1683                      | 11.66                           | \$274.99*      |
| <a href="#">Intel Core i5-4340M @ 2.90GHz</a>     | 3,491                          | 1588                      | NA                              | NA             |
| <a href="#">Intel Core i5-4350U @ 1.40GHz</a>     | 2,425                          | 1976                      | NA                              | NA             |
| <a href="#">Intel Core i5-4400E @ 2.70GHz</a>     | 3,251                          | 1661                      | 12.22                           | \$266.00*      |
| <a href="#">Intel Core i5-4402E @ 1.60GHz</a>     | 2,681                          | 1873                      | NA                              | NA             |
| <a href="#">Intel Core i5-4422E @ 1.80GHz</a>     | 1,907                          | 2266                      | 7.17                            | \$266.00*      |
| <a href="#">Intel Core i5-4430 @ 3.00GHz</a>      | 4,663                          | 1352                      | 49.88                           | \$93.50        |
| <a href="#">Intel Core i5-4430S @ 2.70GHz</a>     | 4,216                          | 1433                      | 45.83                           | \$91.99*       |
| <a href="#">Intel Core i5-4440 @ 3.10GHz</a>      | 4,741                          | 1340                      | 59.28                           | \$79.98        |
| <a href="#">Intel Core i5-4440S @ 2.80GHz</a>     | 4,335                          | 1409                      | 34.68                           | \$125.00*      |
| <a href="#">Intel Core i5-4460 @ 3.20GHz</a>      | 4,845                          | 1324                      | 86.56                           | \$55.97        |
| <a href="#">Intel Core i5-4460S @ 2.90GHz</a>     | 4,518                          | 1375                      | 6.85                            | \$659.99*      |
| <a href="#">Intel Core i5-4460T @ 1.90GHz</a>     | 3,594                          | 1565                      | NA                              | NA             |
| <a href="#">Intel Core i5-4470S @ 3.00GHz</a>     | 4,742                          | 1339                      | NA                              | NA             |
| <a href="#">Intel Core i5-4570 @ 3.20GHz</a>      | 5,205                          | 1274                      | 56.57                           | \$92.02        |
| <a href="#">Intel Core i5-4570R @ 2.70GHz</a>     | 4,446                          | 1388                      | NA                              | NA             |
| <a href="#">Intel Core i5-4570S @ 2.90GHz</a>     | 4,925                          | 1316                      | 41.04                           | \$119.99       |
| <a href="#">Intel Core i5-4570T @ 2.90GHz</a>     | 3,156                          | 1706                      | 8.48                            | \$372.40       |
| <a href="#">Intel Core i5-4570TE @ 2.70GHz</a>    | 3,106                          | 1721                      | 9.08                            | \$341.99*      |
| <a href="#">Intel Core i5-4590 @ 3.30GHz</a>      | 5,351                          | 1241                      | 49.69                           | \$107.70       |
| <a href="#">Intel Core i5-4590S @ 3.00GHz</a>     | 5,115                          | 1287                      | 19.67                           | \$260.00       |
| <a href="#">Intel Core i5-4590T @ 2.00GHz</a>     | 3,996                          | 1478                      | 19.03                           | \$209.95*      |
| <a href="#">Intel Core i5-4670 @ 3.40GHz</a>      | 5,476                          | 1222                      | 61.46                           | \$89.10        |
| <a href="#">Intel Core i5-4670K @ 3.40GHz</a>     | 5,559                          | 1209                      | 42.78                           | \$129.95       |
| <a href="#">Intel Core i5-4670K CPT @ 3.40GHz</a> | 5,034                          | 1302                      | NA                              | NA             |
| <a href="#">Intel Core i5-4670R @ 3.00GHz</a>     | 5,233                          | 1268                      | 18.96                           | \$276.00*      |
| <a href="#">Intel Core i5-4670S @ 3.10GHz</a>     | 4,999                          | 1307                      | 23.47                           | \$213.00*      |
| <a href="#">Intel Core i5-4670T @ 2.30GHz</a>     | 4,345                          | 1406                      | 16.77                           | \$259.02*      |
| <a href="#">Intel Core i5-4690 @ 3.50GHz</a>      | 5,591                          | 1203                      | 87.38                           | \$63.99        |
| <a href="#">Intel Core i5-4690K @ 3.50GHz</a>     | 5,639                          | 1195                      | 65.45                           | \$86.15        |

 CPU Benchmarks ▼

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼          |                                |                           |                                 |                |
| <a href="#">Intel Core i3-4090U @ 2.50GHz</a>  | 4,000                          | 1333                      | NA                              | NA             |
| <a href="#">Intel Core i5-5200U @ 2.20GHz</a>  | 2,502                          | 1945                      | 8.90                            | \$281.00*      |
| <a href="#">Intel Core i5-5250U @ 1.60GHz</a>  | 2,483                          | 1952                      | 4.68                            | \$529.99*      |
| <a href="#">Intel Core i5-5257U @ 2.70GHz</a>  | 3,047                          | 1741                      | NA                              | NA             |
| <a href="#">Intel Core i5-5287U @ 2.90GHz</a>  | 3,131                          | 1711                      | NA                              | NA             |
| <a href="#">Intel Core i5-5300U @ 2.30GHz</a>  | 2,739                          | 1851                      | 9.45                            | \$289.99*      |
| <a href="#">Intel Core i5-5350U @ 1.80GHz</a>  | 2,623                          | 1897                      | NA                              | NA             |
| <a href="#">Intel Core i5-5575R @ 2.80GHz</a>  | 5,119                          | 1285                      | NA                              | NA             |
| <a href="#">Intel Core i5-5675C @ 3.10GHz</a>  | 5,590                          | 1204                      | 34.94                           | \$159.99       |
| <a href="#">Intel Core i5-5675R @ 3.10GHz</a>  | 5,631                          | 1197                      | NA                              | NA             |
| <a href="#">Intel Core i5-6198DU @ 2.30GHz</a> | 3,179                          | 1698                      | NA                              | NA             |
| <a href="#">Intel Core i5-6200U @ 2.30GHz</a>  | 3,008                          | 1756                      | NA                              | NA             |
| <a href="#">Intel Core i5-6260U @ 1.80GHz</a>  | 3,207                          | 1684                      | 6.43                            | \$499.00*      |
| <a href="#">Intel Core i5-6267U @ 2.90GHz</a>  | 3,476                          | 1594                      | NA                              | NA             |
| <a href="#">Intel Core i5-6287U @ 3.10GHz</a>  | 3,945                          | 1486                      | 12.98                           | \$304.00*      |
| <a href="#">Intel Core i5-6300HQ @ 2.30GHz</a> | 4,711                          | 1342                      | NA                              | NA             |
| <a href="#">Intel Core i5-6300U @ 2.40GHz</a>  | 3,250                          | 1662                      | NA                              | NA             |
| <a href="#">Intel Core i5-6350HQ @ 2.30GHz</a> | 4,255                          | 1427                      | 13.90                           | \$306.00*      |
| <a href="#">Intel Core i5-6360U @ 2.00GHz</a>  | 3,194                          | 1687                      | NA                              | NA             |
| <a href="#">Intel Core i5-6400 @ 2.70GHz</a>   | 5,160                          | 1280                      | 46.08                           | \$111.98       |
| <a href="#">Intel Core i5-6400T @ 2.20GHz</a>  | 4,318                          | 1412                      | 26.99                           | \$159.99*      |
| <a href="#">Intel Core i5-6402P @ 2.80GHz</a>  | 5,432                          | 1231                      | 52.79                           | \$102.88*      |
| <a href="#">Intel Core i5-6440EQ @ 2.70GHz</a> | 5,394                          | 1237                      | NA                              | NA             |
| <a href="#">Intel Core i5-6440HQ @ 2.60GHz</a> | 5,122                          | 1284                      | NA                              | NA             |
| <a href="#">Intel Core i5-6442EQ @ 1.90GHz</a> | 4,598                          | 1361                      | 18.39                           | \$250.00*      |
| <a href="#">Intel Core i5-6500 @ 3.20GHz</a>   | 5,658                          | 1193                      | 117.89                          | \$47.99        |
| <a href="#">Intel Core i5-6500T @ 2.50GHz</a>  | 4,843                          | 1325                      | 21.86                           | \$221.52*      |
| <a href="#">Intel Core i5-6500TE @ 2.30GHz</a> | 4,846                          | 1323                      | 9.89                            | \$489.95       |
| <a href="#">Intel Core i5-6600 @ 3.30GHz</a>   | 6,097                          | 1124                      | 54.30                           | \$112.30       |
| <a href="#">Intel Core i5-6600K @ 3.50GHz</a>  | 6,329                          | 1088                      | 76.18                           | \$83.08        |
| <a href="#">Intel Core i5-6600T @ 2.70GHz</a>  | 5,655                          | 1194                      | 46.36                           | \$121.98*      |
| <a href="#">Intel Core i5-7200U @ 2.50GHz</a>  | 3,395                          | 1615                      | 6.80                            | \$499.00*      |
| <a href="#">Intel Core i5-7260U @ 2.20GHz</a>  | 3,927                          | 1490                      | 8.36                            | \$469.99*      |

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-1281U @ 3.30GHz</a>  | 4,199                          | 1430                      | NA                              | NA             |
| <a href="#">Intel Core i5-7300HQ @ 2.50GHz</a> | 5,102                          | 1289                      | NA                              | NA             |
| <a href="#">Intel Core i5-7300U @ 2.60GHz</a>  | 3,700                          | 1543                      | 5.90                            | \$627.00*      |
| <a href="#">Intel Core i5-7360U @ 2.30GHz</a>  | 4,015                          | 1472                      | NA                              | NA             |
| <a href="#">Intel Core i5-7400 @ 3.00GHz</a>   | 5,506                          | 1218                      | 70.60                           | \$78.00        |
| <a href="#">Intel Core i5-7400T @ 2.40GHz</a>  | 4,741                          | 1341                      | 35.42                           | \$133.85       |
| <a href="#">Intel Core i5-7440EQ @ 2.90GHz</a> | 5,711                          | 1185                      | 22.84                           | \$250.00*      |
| <a href="#">Intel Core i5-7440HQ @ 2.80GHz</a> | 5,568                          | 1208                      | NA                              | NA             |
| <a href="#">Intel Core i5-7442EQ @ 2.10GHz</a> | 4,834                          | 1326                      | 19.34                           | \$250.00*      |
| <a href="#">Intel Core i5-7500 @ 3.40GHz</a>   | 6,059                          | 1136                      | 57.14                           | \$106.04       |
| <a href="#">Intel Core i5-7500T @ 2.70GHz</a>  | 5,308                          | 1248                      | 32.38                           | \$163.92       |
| <a href="#">Intel Core i5-7600 @ 3.50GHz</a>   | 6,580                          | 1047                      | 46.86                           | \$140.40       |
| <a href="#">Intel Core i5-7600K @ 3.80GHz</a>  | 6,852                          | 1021                      | 55.71                           | \$123.00       |
| <a href="#">Intel Core i5-7600T @ 2.80GHz</a>  | 6,046                          | 1140                      | 40.87                           | \$147.91       |
| <a href="#">Intel Core i5-7640X @ 4.00GHz</a>  | 6,675                          | 1041                      | 41.55                           | \$160.65       |
| <a href="#">Intel Core i5-8200Y @ 1.30GHz</a>  | 2,262                          | 2075                      | 7.77                            | \$291.00*      |
| <a href="#">Intel Core i5-8210Y @ 1.60GHz</a>  | 2,811                          | 1828                      | NA                              | NA             |
| <a href="#">Intel Core i5-8250U @ 1.60GHz</a>  | 5,915                          | 1156                      | NA                              | NA             |
| <a href="#">Intel Core i5-8257U @ 1.40GHz</a>  | 7,666                          | 903                       | 23.96                           | \$320.00*      |
| <a href="#">Intel Core i5-8259U @ 2.30GHz</a>  | 8,067                          | 869                       | 15.51                           | \$519.99*      |
| <a href="#">Intel Core i5-8260U @ 1.60GHz</a>  | 7,897                          | 886                       | 17.95                           | \$439.99*      |
| <a href="#">Intel Core i5-8265U @ 1.60GHz</a>  | 6,067                          | 1133                      | 12.14                           | \$499.88*      |
| <a href="#">Intel Core i5-8265UC @ 1.60GHz</a> | 5,988                          | 1146                      | NA                              | NA             |
| <a href="#">Intel Core i5-8269U @ 2.60GHz</a>  | 8,055                          | 872                       | 25.17                           | \$320.00*      |
| <a href="#">Intel Core i5-8279U @ 2.40GHz</a>  | 7,732                          | 895                       | 24.16                           | \$320.00*      |
| <a href="#">Intel Core i5-8300H @ 2.30GHz</a>  | 7,523                          | 921                       | 30.09                           | \$250.00*      |
| <a href="#">Intel Core i5-8305G @ 2.80GHz</a>  | 6,984                          | 998                       | NA                              | NA             |
| <a href="#">Intel Core i5-8350U @ 1.70GHz</a>  | 6,247                          | 1101                      | 21.03                           | \$297.00*      |
| <a href="#">Intel Core i5-8365U @ 1.60GHz</a>  | 6,248                          | 1100                      | 11.59                           | \$539.07*      |
| <a href="#">Intel Core i5-8365UE @ 1.60GHz</a> | 5,555                          | 1211                      | 18.71                           | \$297.00*      |
| <a href="#">Intel Core i5-8400 @ 2.80GHz</a>   | 9,238                          | 780                       | 57.44                           | \$160.82       |
| <a href="#">Intel Core i5-8400H @ 2.50GHz</a>  | 8,013                          | 875                       | 32.05                           | \$250.00*      |
| <a href="#">Intel Core i5-8400T @ 1.70GHz</a>  | 7,472                          | 928                       | 31.16                           | \$239.84*      |

## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼           |                                |                           |                                 |                |
| <a href="#">Intel Core i5-8500B @ 3.00GHz</a>   | 9,337                          | 709                       | 46.73                           | \$192.00       |
| <a href="#">Intel Core i5-8500T @ 2.10GHz</a>   | 7,701                          | 900                       | 31.11                           | \$247.53*      |
| <a href="#">Intel Core i5-8600 @ 3.10GHz</a>    | 9,871                          | 745                       | 65.81                           | \$149.99       |
| <a href="#">Intel Core i5-8600K @ 3.60GHz</a>   | 10,258                         | 720                       | 60.88                           | \$168.50       |
| <a href="#">Intel Core i5-8600T @ 2.30GHz</a>   | 8,293                          | 847                       | 41.47                           | \$199.99*      |
| <a href="#">Intel Core i5-9300H @ 2.40GHz</a>   | 7,756                          | 894                       | 31.03                           | \$250.00*      |
| <a href="#">Intel Core i5-9300HF @ 2.40GHz</a>  | 7,590                          | 913                       | 30.36                           | \$250.00*      |
| <a href="#">Intel Core i5-9400 @ 2.90GHz</a>    | 9,480                          | 763                       | 57.11                           | \$165.99       |
| <a href="#">Intel Core i5-9400F @ 2.90GHz</a>   | 9,538                          | 760                       | 73.37                           | \$130.00       |
| <a href="#">Intel Core i5-9400H @ 2.50GHz</a>   | 8,289                          | 848                       | 33.16                           | \$250.00*      |
| <a href="#">Intel Core i5-9400T @ 1.80GHz</a>   | 7,820                          | 889                       | 42.97                           | \$182.00*      |
| <a href="#">Intel Core i5-9500 @ 3.00GHz</a>    | 9,737                          | 751                       | 58.50                           | \$166.45       |
| <a href="#">Intel Core i5-9500F @ 3.00GHz</a>   | 10,386                         | 708                       | 54.68                           | \$189.95       |
| <a href="#">Intel Core i5-9500T @ 2.20GHz</a>   | 8,263                          | 850                       | 43.03                           | \$192.00*      |
| <a href="#">Intel Core i5-9500TE @ 2.20GHz</a>  | 9,212                          | 783                       | 47.98                           | \$192.00*      |
| <a href="#">Intel Core i5-9600 @ 3.10GHz</a>    | 10,356                         | 711                       | 64.93                           | \$159.49       |
| <a href="#">Intel Core i5-9600K @ 3.70GHz</a>   | 10,774                         | 686                       | 70.90                           | \$151.96       |
| <a href="#">Intel Core i5-9600KF @ 3.70GHz</a>  | 10,803                         | 683                       | 74.50                           | \$145.00       |
| <a href="#">Intel Core i5-9600T @ 2.30GHz</a>   | 8,464                          | 833                       | 39.74                           | \$213.00*      |
| <a href="#">Intel Core i5-10200H @ 2.40GHz</a>  | 8,358                          | 841                       | 33.43                           | \$250.00*      |
| <a href="#">Intel Core i5-10210U @ 1.60GHz</a>  | 6,351                          | 1080                      | 9.04                            | \$702.62*      |
| <a href="#">Intel Core i5-10210Y @ 1.00GHz</a>  | 4,964                          | 1310                      | NA                              | NA             |
| <a href="#">Intel Core i5-10300H @ 2.50GHz</a>  | 8,645                          | 819                       | 34.58                           | \$250.00*      |
| <a href="#">Intel Core i5-10310U @ 1.70GHz</a>  | 6,499                          | 1057                      | 21.88                           | \$297.00*      |
| <a href="#">Intel Core i5-10400 @ 2.90GHz</a>   | 12,307                         | 617                       | 77.40                           | \$159.00       |
| <a href="#">Intel Core i5-10400F @ 2.90GHz</a>  | 12,385                         | 612                       | 99.09                           | \$124.99       |
| <a href="#">Intel Core i5-10400H @ 2.60GHz</a>  | 8,855                          | 804                       | 35.42                           | \$250.00*      |
| <a href="#">Intel Core i5-10400T @ 2.00GHz</a>  | 9,991                          | 732                       | 54.90                           | \$182.00*      |
| <a href="#">Intel Core i5-10500 @ 3.10GHz</a>   | 12,955                         | 596                       | 61.70                           | \$209.99       |
| <a href="#">Intel Core i5-10500E @ 3.10GHz</a>  | 11,268                         | 663                       | 57.78                           | \$195.00*      |
| <a href="#">Intel Core i5-10500H @ 2.50GHz</a>  | 11,580                         | 645                       | 46.32                           | \$250.00*      |
| <a href="#">Intel Core i5-10500T @ 2.30GHz</a>  | 10,286                         | 718                       | 53.57                           | \$192.00*      |
| <a href="#">Intel Core i5-10500TE @ 2.30GHz</a> | 9,960                          | 737                       | 51.08                           | \$195.00*      |



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-10600K @ 3.30GHz</a>  | 13,921                         | 334                       | 60.04                           | \$226.00       |
| <a href="#">Intel Core i5-10600K @ 4.10GHz</a>  | 14,509                         | 519                       | 63.08                           | \$229.99       |
| <a href="#">Intel Core i5-10600KF @ 4.10GHz</a> | 14,510                         | 518                       | 72.55                           | \$199.99       |
| <a href="#">Intel Core i5-10600T @ 2.40GHz</a>  | 11,210                         | 664                       | 52.63                           | \$213.00*      |
| <a href="#">Intel Core i5-11260H @ 2.60GHz</a>  | 15,744                         | 465                       | 62.98                           | \$250.00*      |
| <a href="#">Intel Core i5-11300H @ 3.10GHz</a>  | 11,051                         | 673                       | 35.76                           | \$309.00*      |
| <a href="#">Intel Core i5-11320H @ 3.20GHz</a>  | 10,802                         | 684                       | 34.96                           | \$309.00*      |
| <a href="#">Intel Core i5-11400 @ 2.60GHz</a>   | 17,072                         | 422                       | 98.68                           | \$172.99       |
| <a href="#">Intel Core i5-11400F @ 2.60GHz</a>  | 17,201                         | 417                       | 115.89                          | \$148.42       |
| <a href="#">Intel Core i5-11400H @ 2.70GHz</a>  | 16,000                         | 457                       | 64.00                           | \$250.00*      |
| <a href="#">Intel Core i5-11400T @ 1.30GHz</a>  | 13,330                         | 575                       | 73.24                           | \$182.00*      |
| <a href="#">Intel Core i5-11500 @ 2.70GHz</a>   | 17,619                         | 402                       | 81.09                           | \$217.28       |
| <a href="#">Intel Core i5-11500B @ 3.30GHz</a>  | 17,801                         | 398                       | NA                              | NA             |
| <a href="#">Intel Core i5-11500H @ 2.90GHz</a>  | 16,133                         | 452                       | 64.53                           | \$250.00*      |
| <a href="#">Intel Core i5-11500T @ 1.50GHz</a>  | 13,160                         | 584                       | 68.54                           | \$192.00*      |
| <a href="#">Intel Core i5-11600 @ 2.80GHz</a>   | 18,241                         | 384                       | 77.29                           | \$236.00       |
| <a href="#">Intel Core i5-11600K @ 3.90GHz</a>  | 19,737                         | 337                       | 87.72                           | \$224.99       |
| <a href="#">Intel Core i5-11600KF @ 3.90GHz</a> | 19,694                         | 338                       | 94.23                           | \$209.00       |
| <a href="#">Intel Core i5-11600T @ 1.70GHz</a>  | 14,713                         | 509                       | 69.08                           | \$213.00*      |
| <a href="#">Intel Core i5-12400</a>             | 19,495                         | 343                       | 101.54                          | \$192.00*      |
| <a href="#">Intel Core i5-12400F</a>            | 19,794                         | 336                       | 113.11                          | \$174.99       |
| <a href="#">Intel Core i5-12400T</a>            | 16,405                         | 444                       | 96.51                           | \$169.99       |
| <a href="#">Intel Core i5-12450H</a>            | 18,362                         | 379                       | 59.04                           | \$311.00*      |
| <a href="#">Intel Core i5-12490F</a>            | 21,241                         | 288                       | 98.25                           | \$216.19       |
| <a href="#">Intel Core i5-12500</a>             | 20,288                         | 318                       | 100.43                          | \$202.00*      |
| <a href="#">Intel Core i5-12500H</a>            | 21,749                         | 281                       | 69.93                           | \$311.00*      |
| <a href="#">Intel Core i5-12500T</a>            | 17,571                         | 404                       | 86.99                           | \$202.00*      |
| <a href="#">Intel Core i5-12500TE</a>           | 16,865                         | 432                       | 82.27                           | \$205.00*      |
| <a href="#">Intel Core i5-12600</a>             | 21,182                         | 290                       | 98.52                           | \$215.00       |
| <a href="#">Intel Core i5-12600H</a>            | 22,624                         | 256                       | 72.75                           | \$311.00*      |
| <a href="#">Intel Core i5-12600HX</a>           | 23,493                         | 230                       | 82.72                           | \$284.00*      |
| <a href="#">Intel Core i5-12600K</a>            | 27,686                         | 156                       | 99.59                           | \$277.99       |
| <a href="#">Intel Core i5-12600KF</a>           | 27,248                         | 164                       | 97.32                           | \$279.99       |



## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-13400</a>            | 20,550                         | 110                       | NA                              | NA             |
| <a href="#">Intel Core i5-13500</a>            | 30,650                         | 123                       | NA                              | NA             |
| <a href="#">Intel Core i5-24050S @ 2.50GHz</a> | 3,061                          | 1735                      | NA                              | NA             |
| <a href="#">Intel Core i5-L16G7 @ 1.40GHz</a>  | 3,445                          | 1605                      | 12.26                           | \$281.00*      |
| <a href="#">Intel Core i7-7Y75 @ 1.30GHz</a>   | 2,687                          | 1870                      | NA                              | NA             |
| <a href="#">Intel Core i7-610E @ 2.53GHz</a>   | 1,818                          | 2323                      | NA                              | NA             |
| <a href="#">Intel Core i7-620LM @ 2.00GHz</a>  | 1,435                          | 2572                      | NA                              | NA             |
| <a href="#">Intel Core i7-620M @ 2.67GHz</a>   | 2,014                          | 2204                      | 10.33                           | \$194.95       |
| <a href="#">Intel Core i7-620UM @ 1.07GHz</a>  | 964                            | 2969                      | NA                              | NA             |
| <a href="#">Intel Core i7-640LM @ 2.13GHz</a>  | 1,504                          | 2526                      | NA                              | NA             |
| <a href="#">Intel Core i7-640M @ 2.80GHz</a>   | 2,045                          | 2186                      | 7.05                            | \$289.95       |
| <a href="#">Intel Core i7-640UM @ 1.20GHz</a>  | 1,090                          | 2846                      | NA                              | NA             |
| <a href="#">Intel Core i7-660UM @ 1.33GHz</a>  | 1,284                          | 2675                      | NA                              | NA             |
| <a href="#">Intel Core i7-680UM @ 1.47GHz</a>  | 1,196                          | 2748                      | NA                              | NA             |
| <a href="#">Intel Core i7-720QM @ 1.60GHz</a>  | 1,662                          | 2419                      | 7.56                            | \$219.95*      |
| <a href="#">Intel Core i7-740QM @ 1.73GHz</a>  | 1,807                          | 2330                      | 18.08                           | \$99.95*       |
| <a href="#">Intel Core i7-820QM @ 1.73GHz</a>  | 1,761                          | 2361                      | 13.65                           | \$129.00*      |
| <a href="#">Intel Core i7-840QM @ 1.87GHz</a>  | 1,947                          | 2236                      | 5.74                            | \$338.90*      |
| <a href="#">Intel Core i7-860 @ 2.80GHz</a>    | 2,925                          | 1791                      | 66.49                           | \$43.99*       |
| <a href="#">Intel Core i7-860S @ 2.53GHz</a>   | 2,796                          | 1833                      | 17.47                           | \$160.00       |
| <a href="#">Intel Core i7-870 @ 2.93GHz</a>    | 3,099                          | 1722                      | 13.48                           | \$229.95*      |
| <a href="#">Intel Core i7-870S @ 2.67GHz</a>   | 2,786                          | 1838                      | NA                              | NA             |
| <a href="#">Intel Core i7-875K @ 2.93GHz</a>   | 3,078                          | 1731                      | 7.33                            | \$420.00       |
| <a href="#">Intel Core i7-880 @ 3.07GHz</a>    | 3,048                          | 1739                      | 8.99                            | \$338.97*      |
| <a href="#">Intel Core i7-920 @ 2.67GHz</a>    | 2,769                          | 1843                      | 14.58                           | \$189.88*      |
| <a href="#">Intel Core i7-920XM @ 2.00GHz</a>  | 2,036                          | 2191                      | 5.10                            | \$398.95*      |
| <a href="#">Intel Core i7-930 @ 2.80GHz</a>    | 2,871                          | 1810                      | 111.76                          | \$25.69        |
| <a href="#">Intel Core i7-940 @ 2.93GHz</a>    | 2,920                          | 1793                      | 56.31                           | \$51.85        |
| <a href="#">Intel Core i7-940XM @ 2.13GHz</a>  | 2,258                          | 2080                      | NA                              | NA             |
| <a href="#">Intel Core i7-950 @ 3.07GHz</a>    | 3,176                          | 1700                      | 11.68                           | \$271.91       |
| <a href="#">Intel Core i7-960 @ 3.20GHz</a>    | 3,273                          | 1657                      | 65.47                           | \$49.99        |
| <a href="#">Intel Core i7-965 @ 3.20GHz</a>    | 3,286                          | 1651                      | 2.53                            | \$1,300.00     |
| <a href="#">Intel Core i7-970 @ 3.20GHz</a>    | 6,493                          | 1059                      | 12.49                           | \$520.00       |

## CPU Benchmarks

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-960U @ 3.33GHz</a>    | 6,910                          | 999                       | 44.39                           | \$137.19       |
| <a href="#">Intel Core i7-980X @ 3.33GHz</a>    | 6,823                          | 1025                      | 49.09                           | \$139.00       |
| <a href="#">Intel Core i7-985 @ 3.47GHz</a>     | 3,928                          | 1489                      | NA                              | NA             |
| <a href="#">Intel Core i7-990X @ 3.47GHz</a>    | 7,123                          | 973                       | 33.51                           | \$212.59       |
| <a href="#">Intel Core i7-995X @ 3.60GHz</a>    | 7,297                          | 952                       | NA                              | NA             |
| <a href="#">Intel Core i7-1060NG7 @ 1.20GHz</a> | 6,902                          | 1014                      | NA                              | NA             |
| <a href="#">Intel Core i7-1065G7 @ 1.30GHz</a>  | 8,546                          | 823                       | 20.06                           | \$426.00*      |
| <a href="#">Intel Core i7-1068NG7 @ 2.30GHz</a> | 9,917                          | 742                       | 23.28                           | \$426.00*      |
| <a href="#">Intel Core i7-1160G7 @ 1.20GHz</a>  | 9,270                          | 778                       | 21.76                           | \$426.00*      |
| <a href="#">Intel Core i7-1165G7 @ 2.80GHz</a>  | 10,490                         | 701                       | 24.62                           | \$426.00*      |
| <a href="#">Intel Core i7-1180G7 @ 1.30GHz</a>  | 8,514                          | 825                       | 19.99                           | \$426.00*      |
| <a href="#">Intel Core i7-1185G7 @ 3.00GHz</a>  | 10,763                         | 688                       | 25.27                           | \$426.00*      |
| <a href="#">Intel Core i7-1185G7E @ 2.80GHz</a> | 9,980                          | 733                       | 23.16                           | \$431.00*      |
| <a href="#">Intel Core i7-1185GRE @ 2.80GHz</a> | 9,142                          | 788                       | NA                              | NA             |
| <a href="#">Intel Core i7-1195G7 @ 2.90GHz</a>  | 10,969                         | 676                       | 25.75                           | \$426.00*      |
| <a href="#">Intel Core i7-1250U</a>             | 11,563                         | 646                       | 27.14                           | \$426.00*      |
| <a href="#">Intel Core i7-1255U</a>             | 13,484                         | 566                       | 31.65                           | \$426.00*      |
| <a href="#">Intel Core i7-1260P</a>             | 17,085                         | 420                       | NA                              | NA             |
| <a href="#">Intel Core i7-1260U</a>             | 13,024                         | 590                       | NA                              | NA             |
| <a href="#">Intel Core i7-1265U</a>             | 13,124                         | 586                       | 30.81                           | \$426.00*      |
| <a href="#">Intel Core i7-1270P</a>             | 18,355                         | 380                       | NA                              | NA             |
| <a href="#">Intel Core i7-1280P</a>             | 19,914                         | 331                       | 41.31                           | \$482.00*      |
| <a href="#">Intel Core i7-2600 @ 3.40GHz</a>    | 5,348                          | 1243                      | 44.35                           | \$120.57       |
| <a href="#">Intel Core i7-2600K @ 3.40GHz</a>   | 5,491                          | 1221                      | 69.39                           | \$79.13        |
| <a href="#">Intel Core i7-2600S @ 2.80GHz</a>   | 4,543                          | 1371                      | 18.24                           | \$249.00       |
| <a href="#">Intel Core i7-2610UE @ 1.50GHz</a>  | 1,409                          | 2593                      | NA                              | NA             |
| <a href="#">Intel Core i7-2617M @ 1.50GHz</a>   | 1,687                          | 2408                      | NA                              | NA             |
| <a href="#">Intel Core i7-2620M @ 2.70GHz</a>   | 2,412                          | 1985                      | 20.44                           | \$117.99       |
| <a href="#">Intel Core i7-2630QM @ 2.00GHz</a>  | 3,550                          | 1573                      | 38.07                           | \$93.24*       |
| <a href="#">Intel Core i7-2630UM @ 1.60GHz</a>  | 400                            | 3547                      | NA                              | NA             |
| <a href="#">Intel Core i7-2635QM @ 2.00GHz</a>  | 3,275                          | 1656                      | NA                              | NA             |
| <a href="#">Intel Core i7-2637M @ 1.70GHz</a>   | 1,811                          | 2327                      | NA                              | NA             |
| <a href="#">Intel Core i7-2640M @ 2.80GHz</a>   | 2,418                          | 1980                      | 19.34                           | \$125.05       |

## CPU Benchmarks

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-2670QM @ 2.20GHz</a> | 3,724                          | 1337                      | 20.07                           | \$129.00       |
| <a href="#">Intel Core i7-2675QM @ 2.20GHz</a> | 3,791                          | 1522                      | NA                              | NA             |
| <a href="#">Intel Core i7-2677M @ 1.80GHz</a>  | 1,993                          | 2212                      | NA                              | NA             |
| <a href="#">Intel Core i7-2700K @ 3.50GHz</a>  | 5,633                          | 1196                      | 46.17                           | \$121.99       |
| <a href="#">Intel Core i7-2710QE @ 2.10GHz</a> | 4,044                          | 1468                      | NA                              | NA             |
| <a href="#">Intel Core i7-2715QE @ 2.10GHz</a> | 3,221                          | 1676                      | NA                              | NA             |
| <a href="#">Intel Core i7-2720QM @ 2.20GHz</a> | 4,067                          | 1465                      | 22.60                           | \$179.95*      |
| <a href="#">Intel Core i7-2760QM @ 2.40GHz</a> | 4,401                          | 1395                      | 33.34                           | \$132.02       |
| <a href="#">Intel Core i7-2820QM @ 2.30GHz</a> | 4,409                          | 1393                      | 17.64                           | \$249.99*      |
| <a href="#">Intel Core i7-2840QM @ 2.40GHz</a> | 3,842                          | 1511                      | NA                              | NA             |
| <a href="#">Intel Core i7-2860QM @ 2.50GHz</a> | 4,553                          | 1367                      | 25.02                           | \$182.01*      |
| <a href="#">Intel Core i7-2920XM @ 2.50GHz</a> | 4,344                          | 1407                      | 36.20                           | \$120.00*      |
| <a href="#">Intel Core i7-2960XM @ 2.70GHz</a> | 4,270                          | 1425                      | 15.33                           | \$278.52*      |
| <a href="#">Intel Core i7-3517U @ 1.90GHz</a>  | 2,109                          | 2150                      | NA                              | NA             |
| <a href="#">Intel Core i7-3517UE @ 1.70GHz</a> | 2,320                          | 2032                      | NA                              | NA             |
| <a href="#">Intel Core i7-3520M @ 2.90GHz</a>  | 2,854                          | 1815                      | 23.39                           | \$122.02*      |
| <a href="#">Intel Core i7-3537U @ 2.00GHz</a>  | 2,283                          | 2058                      | NA                              | NA             |
| <a href="#">Intel Core i7-3540M @ 3.00GHz</a>  | 2,923                          | 1792                      | 22.83                           | \$128.02       |
| <a href="#">Intel Core i7-3555LE @ 2.50GHz</a> | 1,880                          | 2281                      | NA                              | NA             |
| <a href="#">Intel Core i7-3610QE @ 2.30GHz</a> | 5,052                          | 1299                      | NA                              | NA             |
| <a href="#">Intel Core i7-3610QM @ 2.30GHz</a> | 5,074                          | 1294                      | 12.69                           | \$399.99*      |
| <a href="#">Intel Core i7-3612QE @ 2.10GHz</a> | 4,929                          | 1315                      | NA                              | NA             |
| <a href="#">Intel Core i7-3612QM @ 2.10GHz</a> | 4,603                          | 1359                      | NA                              | NA             |
| <a href="#">Intel Core i7-3615QE @ 2.30GHz</a> | 5,507                          | 1217                      | NA                              | NA             |
| <a href="#">Intel Core i7-3615QM @ 2.30GHz</a> | 5,149                          | 1281                      | NA                              | NA             |
| <a href="#">Intel Core i7-3630QM @ 2.40GHz</a> | 5,112                          | 1288                      | 22.32                           | \$229.00*      |
| <a href="#">Intel Core i7-3632QM @ 2.20GHz</a> | 4,642                          | 1354                      | 26.08                           | \$178.04       |
| <a href="#">Intel Core i7-3635QM @ 2.40GHz</a> | 4,435                          | 1389                      | NA                              | NA             |
| <a href="#">Intel Core i7-3667U @ 2.00GHz</a>  | 2,393                          | 1993                      | NA                              | NA             |
| <a href="#">Intel Core i7-3687U @ 2.10GHz</a>  | 2,602                          | 1902                      | NA                              | NA             |
| <a href="#">Intel Core i7-3689Y @ 1.50GHz</a>  | 1,967                          | 2226                      | NA                              | NA             |
| <a href="#">Intel Core i7-3720QM @ 2.60GHz</a> | 5,671                          | 1189                      | 28.94                           | \$195.97*      |
| <a href="#">Intel Core i7-3740QM @ 2.70GHz</a> | 5,716                          | 1184                      | 26.22                           | \$218.02*      |



## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-3770K @ 3.50GHz</a>  | 6,409                          | 1002                      | 55.22                           | \$121.55       |
| <a href="#">Intel Core i7-3770S @ 3.10GHz</a>  | 6,182                          | 1111                      | 61.85                           | \$99.95        |
| <a href="#">Intel Core i7-3770T @ 2.50GHz</a>  | 5,573                          | 1206                      | 35.59                           | \$156.59*      |
| <a href="#">Intel Core i7-3820 @ 3.60GHz</a>   | 5,777                          | 1175                      | 28.90                           | \$199.88       |
| <a href="#">Intel Core i7-3820QM @ 2.70GHz</a> | 5,801                          | 1173                      | 10.57                           | \$549.00*      |
| <a href="#">Intel Core i7-3840QM @ 2.80GHz</a> | 5,932                          | 1153                      | 10.81                           | \$548.87*      |
| <a href="#">Intel Core i7-3920XM @ 2.90GHz</a> | 5,781                          | 1174                      | 5.27                            | \$1,096.00*    |
| <a href="#">Intel Core i7-3930K @ 3.20GHz</a>  | 8,250                          | 853                       | 107.16                          | \$76.99        |
| <a href="#">Intel Core i7-3940XM @ 3.00GHz</a> | 5,957                          | 1151                      | 17.31                           | \$344.04       |
| <a href="#">Intel Core i7-3960X @ 3.30GHz</a>  | 8,496                          | 827                       | 8.25                            | \$1,029.99     |
| <a href="#">Intel Core i7-3970X @ 3.50GHz</a>  | 8,396                          | 838                       | 45.44                           | \$184.77*      |
| <a href="#">Intel Core i7-4500U @ 1.80GHz</a>  | 2,475                          | 1956                      | NA                              | NA             |
| <a href="#">Intel Core i7-4510U @ 2.00GHz</a>  | 2,575                          | 1918                      | NA                              | NA             |
| <a href="#">Intel Core i7-4550U @ 1.50GHz</a>  | 2,272                          | 2071                      | NA                              | NA             |
| <a href="#">Intel Core i7-4558U @ 2.80GHz</a>  | 3,012                          | 1754                      | NA                              | NA             |
| <a href="#">Intel Core i7-4560U @ 1.60GHz</a>  | 2,950                          | 1778                      | NA                              | NA             |
| <a href="#">Intel Core i7-4578U @ 3.00GHz</a>  | 3,020                          | 1753                      | NA                              | NA             |
| <a href="#">Intel Core i7-4600M @ 2.90GHz</a>  | 3,160                          | 1705                      | NA                              | NA             |
| <a href="#">Intel Core i7-4600U @ 2.10GHz</a>  | 2,678                          | 1874                      | NA                              | NA             |
| <a href="#">Intel Core i7-4610M @ 3.00GHz</a>  | 3,033                          | 1749                      | NA                              | NA             |
| <a href="#">Intel Core i7-4610Y @ 1.70GHz</a>  | 2,446                          | 1966                      | NA                              | NA             |
| <a href="#">Intel Core i7-4650U @ 1.70GHz</a>  | 2,408                          | 1986                      | NA                              | NA             |
| <a href="#">Intel Core i7-4700EQ @ 2.40GHz</a> | 4,941                          | 1314                      | NA                              | NA             |
| <a href="#">Intel Core i7-4700HQ @ 2.40GHz</a> | 5,603                          | 1202                      | 14.63                           | \$383.00*      |
| <a href="#">Intel Core i7-4700MQ @ 2.40GHz</a> | 5,316                          | 1247                      | 28.27                           | \$188.02*      |
| <a href="#">Intel Core i7-4702HQ @ 2.20GHz</a> | 5,444                          | 1226                      | NA                              | NA             |
| <a href="#">Intel Core i7-4702MQ @ 2.20GHz</a> | 5,117                          | 1286                      | 14.53                           | \$352.05*      |
| <a href="#">Intel Core i7-4710HQ @ 2.50GHz</a> | 5,506                          | 1219                      | 14.57                           | \$378.00*      |
| <a href="#">Intel Core i7-4710MQ @ 2.50GHz</a> | 5,842                          | 1171                      | 21.51                           | \$271.57*      |
| <a href="#">Intel Core i7-4712HQ @ 2.30GHz</a> | 5,207                          | 1273                      | NA                              | NA             |
| <a href="#">Intel Core i7-4712MQ @ 2.30GHz</a> | 5,264                          | 1262                      | NA                              | NA             |
| <a href="#">Intel Core i7-4720HQ @ 2.60GHz</a> | 5,761                          | 1179                      | NA                              | NA             |
| <a href="#">Intel Core i7-4722HQ @ 2.40GHz</a> | 5,620                          | 1200                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-4790HQ @ 2.10GHz</a> | 6,300                          | 1030                      | NA                              | NA             |
| <a href="#">Intel Core i7-4765T @ 2.00GHz</a>  | 5,083                          | 1293                      | 10.19                           | \$498.95*      |
| <a href="#">Intel Core i7-4770 @ 3.40GHz</a>   | 7,031                          | 988                       | 70.33                           | \$99.97        |
| <a href="#">Intel Core i7-4770HQ @ 2.20GHz</a> | 6,126                          | 1122                      | NA                              | NA             |
| <a href="#">Intel Core i7-4770K @ 3.50GHz</a>  | 7,135                          | 972                       | 62.61                           | \$113.95       |
| <a href="#">Intel Core i7-4770R @ 3.20GHz</a>  | 6,549                          | 1050                      | NA                              | NA             |
| <a href="#">Intel Core i7-4770S @ 3.10GHz</a>  | 6,802                          | 1028                      | 38.43                           | \$177.00       |
| <a href="#">Intel Core i7-4770T @ 2.50GHz</a>  | 5,921                          | 1155                      | 7.69                            | \$770.00*      |
| <a href="#">Intel Core i7-4770TE @ 2.30GHz</a> | 4,557                          | 1366                      | NA                              | NA             |
| <a href="#">Intel Core i7-4771 @ 3.50GHz</a>   | 7,032                          | 987                       | 50.23                           | \$139.99       |
| <a href="#">Intel Core i7-4785T @ 2.20GHz</a>  | 5,456                          | 1224                      | NA                              | NA             |
| <a href="#">Intel Core i7-4790 @ 3.60GHz</a>   | 7,236                          | 959                       | 60.30                           | \$119.99       |
| <a href="#">Intel Core i7-4790K @ 4.00GHz</a>  | 8,058                          | 871                       | 57.75                           | \$139.55       |
| <a href="#">Intel Core i7-4790S @ 3.20GHz</a>  | 6,967                          | 1001                      | 39.68                           | \$175.58       |
| <a href="#">Intel Core i7-4790T @ 2.70GHz</a>  | 6,375                          | 1077                      | 25.51                           | \$249.88*      |
| <a href="#">Intel Core i7-4800MQ @ 2.70GHz</a> | 5,864                          | 1168                      | 24.44                           | \$239.99*      |
| <a href="#">Intel Core i7-4810MQ @ 2.80GHz</a> | 6,038                          | 1141                      | 33.55                           | \$179.95*      |
| <a href="#">Intel Core i7-4820K @ 3.70GHz</a>  | 6,495                          | 1058                      | 38.41                           | \$169.10       |
| <a href="#">Intel Core i7-4850HQ @ 2.30GHz</a> | 6,335                          | 1083                      | 14.60                           | \$434.00*      |
| <a href="#">Intel Core i7-4860EQ @ 1.80GHz</a> | 5,500                          | 1220                      | NA                              | NA             |
| <a href="#">Intel Core i7-4860HQ @ 2.40GHz</a> | 6,101                          | 1123                      | NA                              | NA             |
| <a href="#">Intel Core i7-4870HQ @ 2.50GHz</a> | 6,386                          | 1074                      | NA                              | NA             |
| <a href="#">Intel Core i7-4900MQ @ 2.80GHz</a> | 6,092                          | 1126                      | 10.96                           | \$556.00*      |
| <a href="#">Intel Core i7-4910MQ @ 2.90GHz</a> | 6,227                          | 1107                      | 13.54                           | \$459.95*      |
| <a href="#">Intel Core i7-4930K @ 3.40GHz</a>  | 9,365                          | 768                       | 24.97                           | \$374.99       |
| <a href="#">Intel Core i7-4930MX @ 3.00GHz</a> | 6,856                          | 1019                      | 6.26                            | \$1,096.00*    |
| <a href="#">Intel Core i7-4940MX @ 3.10GHz</a> | 7,137                          | 971                       | 10.20                           | \$699.95*      |
| <a href="#">Intel Core i7-4960HQ @ 2.60GHz</a> | 6,829                          | 1024                      | 10.96                           | \$623.00*      |
| <a href="#">Intel Core i7-4960X @ 3.60GHz</a>  | 9,968                          | 735                       | 7.97                            | \$1,250.00     |
| <a href="#">Intel Core i7-4980HQ @ 2.80GHz</a> | 6,718                          | 1039                      | NA                              | NA             |
| <a href="#">Intel Core i7-5500U @ 2.40GHz</a>  | 2,744                          | 1849                      | NA                              | NA             |
| <a href="#">Intel Core i7-5550U @ 2.00GHz</a>  | 2,908                          | 1796                      | NA                              | NA             |
| <a href="#">Intel Core i7-5557U @ 3.10GHz</a>  | 3,187                          | 1688                      | 5.26                            | \$605.99*      |

## CPU Benchmarks ▼

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Core i7-9950U @ 2.20GHz</a>  | 3,047                          | 1,740                     | NA                              | NA             |
| <a href="#">Intel Core i7-5675C @ 3.10GHz</a>  | 6,089                          | 1127                      | NA                              | NA             |
| <a href="#">Intel Core i7-5700EQ @ 2.60GHz</a>   | 5,905                          | 1157                      | NA                              | NA             |
| <a href="#">Intel Core i7-5700HQ @ 2.70GHz</a>   | 5,983                          | 1147                      | NA                              | NA             |
| <a href="#">Intel Core i7-5775C @ 3.30GHz</a>  | 7,803                          | 890                       | 35.49                           | \$219.85       |
| <a href="#">Intel Core i7-5775R @ 3.30GHz</a>  | 7,777                          | 893                       | NA                              | NA             |
| <a href="#">Intel Core i7-5820K @ 3.30GHz</a>  | 9,828                          | 748                       | 98.29                           | \$99.99        |
| <a href="#">Intel Core i7-5850EQ @ 2.70GHz</a>   | 7,036                          | 985                       | 16.17                           | \$435.00*      |
| <a href="#">Intel Core i7-5850HQ @ 2.70GHz</a>   | 6,866                          | 1018                      | 15.82                           | \$434.00*      |
| <a href="#">Intel Core i7-5930K @ 3.50GHz</a>  | 10,316                         | 715                       | 30.61                           | \$337.00       |
| <a href="#">Intel Core i7-5950HQ @ 2.90GHz</a>   | 7,696                          | 901                       | NA                              | NA             |
| <a href="#">Intel Core i7-5960X @ 3.00GHz</a>  | 12,663                         | 608                       | 63.71                           | \$198.77       |
| <a href="#">Intel Core i7-6498DU @ 2.50GHz</a>   | 3,303                          | 1642                      | NA                              | NA             |
| <a href="#">Intel Core i7-6500U @ 2.50GHz</a>  | 3,271                          | 1658                      | 8.32                            | \$393.00*      |
| <a href="#">Intel Core i7-6560U @ 2.20GHz</a>  | 3,282                          | 1653                      | NA                              | NA             |
| <a href="#">Intel Core i7-6567U @ 3.30GHz</a>  | 3,810                          | 1517                      | NA                              | NA             |
| <a href="#">Intel Core i7-6600U @ 2.60GHz</a>  | 3,470                          | 1595                      | NA                              | NA             |
| <a href="#">Intel Core i7-6650U @ 2.20GHz</a>  | 3,603                          | 1562                      | NA                              | NA             |
| <a href="#">Intel Core i7-6660U @ 2.40GHz</a>  | 3,844                          | 1510                      | 9.26                            | \$415.00*      |
| <a href="#">Intel Core i7-6700 @ 3.40GHz</a>   | 8,086                          | 866                       | 54.27                           | \$149.00       |
| <a href="#">Intel Core i7-6700HQ @ 2.60GHz</a>   | 6,532                          | 1053                      | 17.28                           | \$378.00*      |
| <a href="#">Intel Core i7-6700K @ 4.00GHz</a>  | 8,970                          | 798                       | 75.13                           | \$119.40       |
| <a href="#">Intel Core i7-6700T @ 2.80GHz</a>  | 7,249                          | 957                       | 26.36                           | \$275.00       |
| <a href="#">Intel Core i7-6700TE @ 2.40GHz</a>   | 6,789                          | 1032                      | NA                              | NA             |
| <a href="#">Intel Core i7-6770HQ @ 2.60GHz</a>   | 7,088                          | 978                       | 11.45                           | \$619.00*      |
| <a href="#">Intel Core i7-6800K @ 3.40GHz</a>  | 10,757                         | 689                       | 37.43                           | \$287.40       |
| <a href="#">Intel Core i7-6820EQ @ 2.80GHz</a>   | 6,924                          | 1008                      | NA                              | NA             |
| <a href="#">Intel Core i7-6820HK @ 2.70GHz</a>   | 6,965                          | 1002                      | 18.43                           | \$378.00*      |
| <a href="#">Intel Core i7-6820HQ @ 2.70GHz</a>   | 6,922                          | 1010                      | NA                              | NA             |
| <a href="#">Intel Core i7-6822EQ @ 2.00GHz</a>   | 5,241                          | 1266                      | NA                              | NA             |
| <a href="#">Intel Core i7-6850K @ 3.60GHz</a>  | 11,350                         | 655                       | 57.32                           | \$198.00       |
| <a href="#">Intel Core i7-6900K @ 3.20GHz</a>  | 14,360                         | 528                       | 84.58                           | \$169.79       |
| <a href="#">Intel Core i7-6920HQ @ 2.90GHz</a>   | 7,389                          | 939                       | 13.01                           | \$568.00*      |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Core i7-1500U @ 2.70GHz</a>  | 3,004                          | 1331                      | 0.00                            | \$339.00       |
| <a href="#">Intel Core i7-7560U @ 2.40GHz</a>  | 3,778                          | 1524                      | NA                              | NA             |
| <a href="#">Intel Core i7-7567U @ 3.50GHz</a>  | 4,244                          | 1429                      | 5.78                            | \$733.99*      |
| <a href="#">Intel Core i7-7600U @ 2.80GHz</a>  | 3,666                          | 1550                      | NA                              | NA             |
| <a href="#">Intel Core i7-7660U @ 2.50GHz</a>  | 4,112                          | 1452                      | NA                              | NA             |
| <a href="#">Intel Core i7-7700 @ 3.60GHz</a>   | 8,653                          | 818                       | 35.90                           | \$241.00       |
| <a href="#">Intel Core i7-7700HQ @ 2.80GHz</a>   | 6,976                          | 1000                      | 18.46                           | \$378.00*      |
| <a href="#">Intel Core i7-7700K @ 4.20GHz</a>  | 9,673                          | 754                       | 27.25                           | \$354.99       |
| <a href="#">Intel Core i7-7700T @ 2.90GHz</a>  | 7,608                          | 910                       | 36.76                           | \$206.98       |
| <a href="#">Intel Core i7-7740X @ 4.30GHz</a>  | 9,891                          | 744                       | 79.88                           | \$123.82       |
| <a href="#">Intel Core i7-7800X @ 3.50GHz</a>  | 12,898                         | 599                       | 33.33                           | \$386.93       |
| <a href="#">Intel Core i7-7820EQ @ 3.00GHz</a>   | 7,453                          | 933                       | 19.72                           | \$378.00*      |
| <a href="#">Intel Core i7-7820HK @ 2.90GHz</a>   | 7,551                          | 918                       | 19.98                           | \$378.00*      |
| <a href="#">Intel Core i7-7820HQ @ 2.90GHz</a>   | 7,153                          | 968                       | 18.92                           | \$378.00*      |
| <a href="#">Intel Core i7-7820X @ 3.60GHz</a>  | 17,234                         | 414                       | 67.51                           | \$255.28       |
| <a href="#">Intel Core i7-7900X @ 3.30GHz</a>  | 20,324                         | 316                       | NA                              | NA             |
| <a href="#">Intel Core i7-7920HQ @ 3.10GHz</a>   | 7,512                          | 922                       | 13.23                           | \$568.00*      |
| <a href="#">Intel Core i7-8086K @ 4.00GHz</a>  | 14,512                         | 517                       | 21.53                           | \$673.99       |
| <a href="#">Intel Core i7-8500Y @ 1.50GHz</a>  | 2,506                          | 1943                      | 6.38                            | \$393.00*      |
| <a href="#">Intel Core i7-8550U @ 1.80GHz</a>  | 5,976                          | 1148                      | NA                              | NA             |
| <a href="#">Intel Core i7-8557U @ 1.70GHz</a>  | 8,192                          | 856                       | 19.01                           | \$431.00*      |
| <a href="#">Intel Core i7-8559U @ 2.70GHz</a>  | 8,752                          | 811                       | 14.18                           | \$617.00*      |
| <a href="#">Intel Core i7-8565U @ 1.80GHz</a>  | 6,264                          | 1097                      | 10.19                           | \$615.00*      |
| <a href="#">Intel Core i7-8565UC @ 1.80GHz</a>   | 6,187                          | 1110                      | NA                              | NA             |
| <a href="#">Intel Core i7-8569U @ 2.80GHz</a>  | 8,479                          | 831                       | 19.67                           | \$431.00*      |
| <a href="#">Intel Core i7-8650U @ 1.90GHz</a>  | 6,334                          | 1084                      | 6.04                            | \$1,049.00*    |
| <a href="#">Intel Core i7-8665U @ 1.90GHz</a>  | 6,248                          | 1099                      | 8.87                            | \$704.49*      |
| <a href="#">Intel Core i7-8665UE @ 1.70GHz</a>   | 5,017                          | 1303                      | 12.27                           | \$409.00*      |
| <a href="#">Intel Core i7-8700 @ 3.20GHz</a>   | 13,004                         | 592                       | 59.94                           | \$216.96       |
| <a href="#">Intel Core i7-8700B @ 3.20GHz</a>  | 12,078                         | 627                       | 39.86                           | \$303.00*      |
| <a href="#">Intel Core i7-8700K @ 3.70GHz</a>  | 13,791                         | 555                       | 41.79                           | \$330.00       |
| <a href="#">Intel Core i7-8700T @ 2.40GHz</a>  | 10,328                         | 714                       | 30.83                           | \$335.00       |
| <a href="#">Intel Core i7-8705G @ 3.10GHz</a>  | 7,920                          | 884                       | 5.16                            | \$1,535.11*    |



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼           |                                |                           |                                 |                |
| <a href="#">Intel Core i7-8700G @ 3.10GHz</a>   | 7,921                          | 803                       | NA                              | NA             |
| <a href="#">Intel Core i7-8750H @ 2.20GHz</a>   | 10,023                         | 728                       | 25.38                           | \$395.00*      |
| <a href="#">Intel Core i7-8809G @ 3.10GHz</a>   | 8,713                          | 814                       | NA                              | NA             |
| <a href="#">Intel Core i7-8850H @ 2.60GHz</a>   | 10,300                         | 717                       | 26.08                           | \$395.00*      |
| <a href="#">Intel Core i7-9700 @ 3.00GHz</a>    | 13,372                         | 572                       | 49.53                           | \$269.99       |
| <a href="#">Intel Core i7-9700E @ 2.60GHz</a>   | 12,751                         | 605                       | 39.48                           | \$323.00*      |
| <a href="#">Intel Core i7-9700F @ 3.00GHz</a>   | 13,425                         | 570                       | 48.57                           | \$276.43       |
| <a href="#">Intel Core i7-9700K @ 3.60GHz</a>   | 14,555                         | 514                       | 46.06                           | \$315.99       |
| <a href="#">Intel Core i7-9700KF @ 3.60GHz</a>  | 14,435                         | 524                       | 59.87                           | \$241.12       |
| <a href="#">Intel Core i7-9700T @ 2.00GHz</a>   | 10,729                         | 693                       | 33.22                           | \$323.00*      |
| <a href="#">Intel Core i7-9700TE @ 1.80GHz</a>  | 10,740                         | 691                       | 33.25                           | \$323.00*      |
| <a href="#">Intel Core i7-9750H @ 2.60GHz</a>   | 11,140                         | 667                       | 11.60                           | \$960.00*      |
| <a href="#">Intel Core i7-9750HF @ 2.60GHz</a>  | 11,159                         | 665                       | 28.25                           | \$395.00*      |
| <a href="#">Intel Core i7-9800X @ 3.80GHz</a>   | 18,096                         | 391                       | 65.25                           | \$277.35       |
| <a href="#">Intel Core i7-9850H @ 2.60GHz</a>   | 11,418                         | 652                       | 8.74                            | \$1,305.76*    |
| <a href="#">Intel Core i7-9850HL @ 1.90GHz</a>  | 9,112                          | 791                       | 23.07                           | \$395.00*      |
| <a href="#">Intel Core i7-10510U @ 1.80GHz</a>  | 6,767                          | 1037                      | 16.55                           | \$409.00*      |
| <a href="#">Intel Core i7-10510Y @ 1.20GHz</a>  | 5,016                          | 1304                      | 12.45                           | \$403.00*      |
| <a href="#">Intel Core i7-10610U @ 1.80GHz</a>  | 7,036                          | 986                       | 17.20                           | \$409.00*      |
| <a href="#">Intel Core i7-10700 @ 2.90GHz</a>   | 16,806                         | 435                       | 61.12                           | \$274.99       |
| <a href="#">Intel Core i7-10700E @ 2.90GHz</a>  | 16,418                         | 443                       | 49.75                           | \$330.00*      |
| <a href="#">Intel Core i7-10700F @ 2.90GHz</a>  | 17,006                         | 427                       | 69.53                           | \$244.59       |
| <a href="#">Intel Core i7-10700K @ 3.80GHz</a>  | 19,182                         | 354                       | 76.12                           | \$251.98       |
| <a href="#">Intel Core i7-10700KF @ 3.80GHz</a> | 19,033                         | 357                       | 75.53                           | \$252.00       |
| <a href="#">Intel Core i7-10700T @ 2.00GHz</a>  | 13,114                         | 587                       | 31.68                           | \$413.99*      |
| <a href="#">Intel Core i7-10700TE @ 2.00GHz</a> | 16,332                         | 447                       | 49.49                           | \$330.00*      |
| <a href="#">Intel Core i7-10710U @ 1.10GHz</a>  | 9,920                          | 741                       | 15.38                           | \$644.99*      |
| <a href="#">Intel Core i7-10750H @ 2.60GHz</a>  | 12,233                         | 619                       | NA                              | NA             |
| <a href="#">Intel Core i7-10810U @ 1.10GHz</a>  | 7,998                          | 876                       | 18.05                           | \$443.00*      |
| <a href="#">Intel Core i7-10850H @ 2.70GHz</a>  | 12,111                         | 624                       | 30.66                           | \$395.00*      |
| <a href="#">Intel Core i7-10870H @ 2.20GHz</a>  | 14,853                         | 501                       | 35.62                           | \$417.00*      |
| <a href="#">Intel Core i7-10875H @ 2.30GHz</a>  | 15,340                         | 481                       | 34.09                           | \$450.00*      |
| <a href="#">Intel Core i7-11370H @ 3.30GHz</a>  | 11,940                         | 633                       | 28.03                           | \$426.00*      |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-11390H @ 3.40GHz</a>  | 10,041                         | 634                       | 24.30                           | \$420.00       |
| <a href="#">Intel Core i7-11600H @ 2.90GHz</a>  | 15,907                         | 460                       | 40.27                           | \$395.00*      |
| <a href="#">Intel Core i7-11700 @ 2.50GHz</a>   | 20,017                         | 330                       | 63.75                           | \$313.97       |
| <a href="#">Intel Core i7-11700B @ 3.20GHz</a>  | 22,600                         | 257                       | NA                              | NA             |
| <a href="#">Intel Core i7-11700F @ 2.50GHz</a>  | 21,193                         | 289                       | 73.33                           | \$288.99       |
| <a href="#">Intel Core i7-11700K @ 3.60GHz</a>  | 24,662                         | 205                       | 88.40                           | \$278.99       |
| <a href="#">Intel Core i7-11700KF @ 3.60GHz</a> | 24,092                         | 211                       | 94.11                           | \$255.99       |
| <a href="#">Intel Core i7-11700T @ 1.40GHz</a>  | 15,621                         | 469                       | 48.36                           | \$323.00*      |
| <a href="#">Intel Core i7-11800H @ 2.30GHz</a>  | 21,135                         | 292                       | 53.51                           | \$395.00*      |
| <a href="#">Intel Core i7-11850H @ 2.50GHz</a>  | 21,138                         | 291                       | 53.51                           | \$395.00*      |
| <a href="#">Intel Core i7-12650H</a>            | 24,675                         | 204                       | 53.99                           | \$457.00*      |
| <a href="#">Intel Core i7-12700</a>             | 31,294                         | 119                       | 91.24                           | \$342.98       |
| <a href="#">Intel Core i7-12700E</a>            | 28,217                         | 150                       | 82.03                           | \$344.00*      |
| <a href="#">Intel Core i7-12700F</a>            | 31,470                         | 117                       | 100.55                          | \$312.96       |
| <a href="#">Intel Core i7-12700H</a>            | 26,900                         | 168                       | 58.86                           | \$457.00*      |
| <a href="#">Intel Core i7-12700K</a>            | 34,609                         | 94                        | 84.62                           | \$409.00*      |
| <a href="#">Intel Core i7-12700KF</a>           | 34,375                         | 96                        | 90.94                           | \$377.98       |
| <a href="#">Intel Core i7-12700T</a>            | 23,210                         | 236                       | 68.47                           | \$339.00*      |
| <a href="#">Intel Core i7-12700TE</a>           | 20,712                         | 306                       | 60.21                           | \$344.00*      |
| <a href="#">Intel Core i7-12800H</a>            | 24,208                         | 210                       | 52.97                           | \$457.00*      |
| <a href="#">Intel Core i7-12800HX</a>           | 34,712                         | 92                        | 75.96                           | \$457.00*      |
| <a href="#">Intel Core i7-12850HX</a>           | 31,084                         | 121                       | 72.63                           | \$428.00*      |
| <a href="#">Intel Core i7-13700</a>             | 34,431                         | 95                        | NA                              | NA             |
| <a href="#">Intel Core i9-7900X @ 3.30GHz</a>   | 21,259                         | 287                       | 79.92                           | \$265.99       |
| <a href="#">Intel Core i9-7920X @ 2.90GHz</a>   | 23,579                         | 225                       | 62.88                           | \$375.00       |
| <a href="#">Intel Core i9-7940X @ 3.10GHz</a>   | 26,418                         | 177                       | 41.28                           | \$640.00       |
| <a href="#">Intel Core i9-7960X @ 2.80GHz</a>   | 27,068                         | 166                       | 87.02                           | \$311.06       |
| <a href="#">Intel Core i9-7980XE @ 2.60GHz</a>  | 30,183                         | 130                       | 33.57                           | \$899.10       |
| <a href="#">Intel Core i9-8950HK @ 2.90GHz</a>  | 10,737                         | 692                       | 18.42                           | \$583.00*      |
| <a href="#">Intel Core i9-9820X @ 3.30GHz</a>   | 19,371                         | 346                       | 32.13                           | \$602.83       |
| <a href="#">Intel Core i9-9880H @ 2.30GHz</a>   | 13,965                         | 546                       | 25.12                           | \$556.00*      |
| <a href="#">Intel Core i9-9900 @ 3.10GHz</a>    | 16,821                         | 434                       | 23.51                           | \$715.51       |
| <a href="#">Intel Core i9-9900K @ 3.60GHz</a>   | 18,634                         | 371                       | 36.52                           | \$510.25       |



## CPU Benchmarks



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-9900KS @ 4.00GHz</a>  | 19,337                         | 340                       | 12.40                           | \$1,370.11     |
| <a href="#">Intel Core i9-9900T @ 2.10GHz</a>   | 14,060                         | 540                       | 32.03                           | \$439.00*      |
| <a href="#">Intel Core i9-9900X @ 3.50GHz</a>   | 21,874                         | 276                       | 31.93                           | \$685.00       |
| <a href="#">Intel Core i9-9920X @ 3.50GHz</a>   | 25,335                         | 192                       | 39.04                           | \$649.00       |
| <a href="#">Intel Core i9-9940X @ 3.30GHz</a>   | 28,385                         | 147                       | 27.83                           | \$1,020.00     |
| <a href="#">Intel Core i9-9960X @ 3.10GHz</a>   | 30,778                         | 122                       | 23.69                           | \$1,299.00     |
| <a href="#">Intel Core i9-9980HK @ 2.40GHz</a>  | 14,554                         | 515                       | 24.96                           | \$583.00*      |
| <a href="#">Intel Core i9-9980XE @ 3.00GHz</a>  | 32,214                         | 112                       | 22.14                           | \$1,455.00     |
| <a href="#">Intel Core i9-9990XE @ 4.00GHz</a>  | 30,162                         | 131                       | 13.94                           | \$2,163.00*    |
| <a href="#">Intel Core i9-10850K @ 3.60GHz</a>  | 22,897                         | 247                       | 67.34                           | \$339.99       |
| <a href="#">Intel Core i9-10880H @ 2.30GHz</a>  | 14,735                         | 508                       | NA                              | NA             |
| <a href="#">Intel Core i9-10885H @ 2.40GHz</a>  | 15,573                         | 473                       | 28.01                           | \$556.00*      |
| <a href="#">Intel Core i9-10900 @ 2.80GHz</a>   | 20,293                         | 317                       | 50.73                           | \$399.99       |
| <a href="#">Intel Core i9-10900E @ 2.80GHz</a>  | 20,658                         | 309                       | 46.53                           | \$444.00*      |
| <a href="#">Intel Core i9-10900F @ 2.80GHz</a>  | 20,621                         | 310                       | 57.44                           | \$358.99       |
| <a href="#">Intel Core i9-10900K @ 3.70GHz</a>  | 23,573                         | 226                       | 69.33                           | \$340.00       |
| <a href="#">Intel Core i9-10900KF @ 3.70GHz</a> | 23,316                         | 233                       | 86.36                           | \$269.99       |
| <a href="#">Intel Core i9-10900T @ 1.90GHz</a>  | 15,209                         | 486                       | 43.46                           | \$349.99       |
| <a href="#">Intel Core i9-10900TE @ 1.80GHz</a> | 17,888                         | 393                       | 40.29                           | \$444.00*      |
| <a href="#">Intel Core i9-10900X @ 3.70GHz</a>  | 22,655                         | 255                       | 41.19                           | \$550.00       |
| <a href="#">Intel Core i9-10910 @ 3.60GHz</a>   | 21,753                         | 280                       | NA                              | NA             |
| <a href="#">Intel Core i9-10920X @ 3.50GHz</a>  | 26,559                         | 173                       | 40.24                           | \$659.99       |
| <a href="#">Intel Core i9-10940X @ 3.30GHz</a>  | 28,364                         | 148                       | 38.33                           | \$739.99       |
| <a href="#">Intel Core i9-10980HK @ 2.40GHz</a> | 16,047                         | 455                       | 27.53                           | \$583.00*      |
| <a href="#">Intel Core i9-10980XE @ 3.00GHz</a> | 33,252                         | 105                       | 33.25                           | \$999.99       |
| <a href="#">Intel Core i9-11900 @ 2.50GHz</a>   | 22,996                         | 243                       | 65.90                           | \$348.95       |
| <a href="#">Intel Core i9-11900F @ 2.50GHz</a>  | 22,988                         | 245                       | 52.25                           | \$439.99       |
| <a href="#">Intel Core i9-11900H @ 2.50GHz</a>  | 21,063                         | 294                       | 38.58                           | \$546.00*      |
| <a href="#">Intel Core i9-11900K @ 3.50GHz</a>  | 25,546                         | 187                       | 77.42                           | \$329.95       |
| <a href="#">Intel Core i9-11900KB @ 3.30GHz</a> | 22,695                         | 253                       | 42.11                           | \$539.00*      |
| <a href="#">Intel Core i9-11900KF @ 3.50GHz</a> | 25,430                         | 190                       | 74.80                           | \$339.99       |
| <a href="#">Intel Core i9-11900T @ 1.50GHz</a>  | 18,444                         | 376                       | 42.01                           | \$439.00*      |
| <a href="#">Intel Core i9-11950H @ 2.60GHz</a>  | 22,290                         | 260                       | 40.09                           | \$556.00*      |

## CPU Benchmarks ▼

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-12900</a>             | 36,302                         | 01                        | 71.40                           | \$300.42       |
| <a href="#">Intel Core i9-12900F</a>            | 37,331                         | 83                        | 64.23                           | \$581.25       |
| <a href="#">Intel Core i9-12900H</a>            | 29,002                         | 140                       | 47.00                           | \$617.00*      |
| <a href="#">Intel Core i9-12900HK</a>           | 29,432                         | 136                       | 46.35                           | \$635.00*      |
| <a href="#">Intel Core i9-12900HX</a>           | 35,506                         | 88                        | 58.59                           | \$606.00*      |
| <a href="#">Intel Core i9-12900K</a>            | 41,471                         | 62                        | 75.57                           | \$548.77       |
| <a href="#">Intel Core i9-12900KF</a>           | 41,494                         | 61                        | 77.31                           | \$536.75       |
| <a href="#">Intel Core i9-12900KS</a>           | 44,829                         | 54                        | 68.21                           | \$657.17       |
| <a href="#">Intel Core i9-12900T</a>            | 32,098                         | 114                       | 65.64                           | \$489.00*      |
| <a href="#">Intel Core i9-12950HX</a>           | 31,816                         | 115                       | 53.93                           | \$590.00*      |
| <a href="#">Intel Core i9-13900K</a>            | 54,433                         | 33                        | 92.42                           | \$589.00*      |
| <a href="#">Intel Core m3-6Y30 @ 0.90GHz</a>    | 2,184                          | 2119                      | 7.77                            | \$281.00*      |
| <a href="#">Intel Core m3-7Y30 @ 1.00GHz</a>    | 2,599                          | 1905                      | NA                              | NA             |
| <a href="#">Intel Core m3-7Y32 @ 1.10GHz</a>    | 2,825                          | 1823                      | NA                              | NA             |
| <a href="#">Intel Core m3-8100Y @ 1.10GHz</a>   | 2,956                          | 1773                      | 10.52                           | \$281.00*      |
| <a href="#">Intel Core m5-6Y54 @ 1.10GHz</a>    | 2,260                          | 2078                      | NA                              | NA             |
| <a href="#">Intel Core m5-6Y57 @ 1.10GHz</a>    | 2,369                          | 2004                      | NA                              | NA             |
| <a href="#">Intel Core m5-7Y54 @ 1.20GHz</a>    | 1,475                          | 2548                      | NA                              | NA             |
| <a href="#">Intel Core m7-6Y75 @ 1.20GHz</a>    | 2,334                          | 2025                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y10 @ 0.80GHz</a>     | 1,878                          | 2285                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y10a @ 0.80GHz</a>    | 1,905                          | 2269                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y10c @ 0.80GHz</a>    | 1,901                          | 2271                      | 6.76                            | \$281.00*      |
| <a href="#">Intel Core M-5Y31 @ 0.90GHz</a>     | 2,081                          | 2167                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y51 @ 1.10GHz</a>     | 2,156                          | 2126                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y70 @ 1.10GHz</a>     | 1,861                          | 2294                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y71 @ 1.20GHz</a>     | 2,019                          | 2200                      | 7.18                            | \$281.00*      |
| <a href="#">Intel Core Solo T1300 @ 1.66GHz</a> | 210                            | 3806                      | NA                              | NA             |
| <a href="#">Intel Core Solo T1350 @ 1.86GHz</a> | 194                            | 3829                      | NA                              | NA             |
| <a href="#">Intel Core Solo T1400 @ 1.83GHz</a> | 253                            | 3742                      | NA                              | NA             |
| <a href="#">Intel Core Solo U1300 @ 1.06GHz</a> | 127                            | 3919                      | NA                              | NA             |
| <a href="#">Intel Core Solo U1400 @ 1.20GHz</a> | 130                            | 3916                      | NA                              | NA             |
| <a href="#">Intel Core Solo U1500 @ 1.33GHz</a> | 164                            | 3873                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1.50GHz</a>         | 86                             | 3950                      | NA                              | NA             |

## CPU Benchmarks



| CPU Name                                       | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium 4 1.70GHz</a>        | ∞                              | 3949                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1.80GHz</a>        | 115                            | 3934                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1.90GHz</a>        | 104                            | 3940                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.00GHz</a>        | 133                            | 3912                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.20GHz</a>        | 157                            | 3882                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.26GHz</a>        | 151                            | 3892                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.40GHz</a>        | 131                            | 3915                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.50GHz</a>        | 160                            | 3877                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.53GHz</a>        | 162                            | 3875                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.60GHz</a>        | 215                            | 3801                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.66GHz</a>        | 157                            | 3881                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.80GHz</a>        | 236                            | 3774                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.93GHz</a>        | 150                            | 3893                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.00GHz</a>        | 313                            | 3659                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.06GHz</a>        | 249                            | 3750                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.20GHz</a>        | 337                            | 3624                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.40GHz</a>        | 296                            | 3678                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.46GHz</a>        | 295                            | 3679                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.60GHz</a>        | 315                            | 3653                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.73GHz</a>        | 385                            | 3569                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.80GHz</a>        | 317                            | 3647                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.83GHz</a>        | 154                            | 3886                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1300MHz</a>        | 77                             | 3955                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1400MHz</a>        | 83                             | 3952                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1500MHz</a>        | 81                             | 3953                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 1700MHz</a>        | 100                            | 3943                      | 0.91                            | \$109.99       |
| <a href="#">Intel Pentium 4 1800MHz</a>        | 114                            | 3936                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 Mobile 1.60GHz</a> | 116                            | 3932                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 Mobile 1.80GHz</a> | 114                            | 3935                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 Mobile 1.90GHz</a> | 136                            | 3910                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 Mobile 2.00GHz</a> | 132                            | 3914                      | NA                              | NA             |
| <a href="#">Intel Pentium 957 @ 1.20GHz</a>    | 622                            | 3324                      | 4.64                            | \$134.00*      |
| <a href="#">Intel Pentium 967 @ 1.30GHz</a>    | 626                            | 3313                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼           |                                |                           |                                 |                |
| <a href="#">Intel Pentium 997 @ 1.60GHz</a>     | 709                            | 3140                      | NA                              | NA             |
| <a href="#">Intel Pentium 1403 @ 2.60GHz</a>    | 1,851                          | 2303                      | NA                              | NA             |
| <a href="#">Intel Pentium 1403 v2 @ 2.60GHz</a> | 2,284                          | 2056                      | NA                              | NA             |
| <a href="#">Intel Pentium 2020M @ 2.40GHz</a>   | 1,381                          | 2612                      | 10.31                           | \$134.00*      |
| <a href="#">Intel Pentium 2030M @ 2.50GHz</a>   | 1,400                          | 2602                      | 10.45                           | \$134.00*      |
| <a href="#">Intel Pentium 2117U @ 1.80GHz</a>   | 1,003                          | 2932                      | 7.49                            | \$134.00*      |
| <a href="#">Intel Pentium 2127U @ 1.90GHz</a>   | 1,004                          | 2929                      | 7.49                            | \$134.00*      |
| <a href="#">Intel Pentium 2129Y @ 1.10GHz</a>   | 635                            | 3305                      | 4.74                            | \$134.00*      |
| <a href="#">Intel Pentium 3550M @ 2.30GHz</a>   | 1,309                          | 2660                      | 6.06                            | \$215.92*      |
| <a href="#">Intel Pentium 3556U @ 1.70GHz</a>   | 1,026                          | 2908                      | NA                              | NA             |
| <a href="#">Intel Pentium 3558U @ 1.70GHz</a>   | 1,036                          | 2900                      | NA                              | NA             |
| <a href="#">Intel Pentium 3560M @ 2.40GHz</a>   | 1,552                          | 2489                      | NA                              | NA             |
| <a href="#">Intel Pentium 3560Y @ 1.20GHz</a>   | 849                            | 3072                      | NA                              | NA             |
| <a href="#">Intel Pentium 3805U @ 1.90GHz</a>   | 1,165                          | 2776                      | NA                              | NA             |
| <a href="#">Intel Pentium 3825U @ 1.90GHz</a>   | 1,358                          | 2623                      | NA                              | NA             |
| <a href="#">Intel Pentium 4405U @ 2.10GHz</a>   | 2,102                          | 2156                      | NA                              | NA             |
| <a href="#">Intel Pentium 4405Y @ 1.50GHz</a>   | 1,518                          | 2514                      | NA                              | NA             |
| <a href="#">Intel Pentium 4410Y @ 1.50GHz</a>   | 1,444                          | 2565                      | 8.97                            | \$161.00*      |
| <a href="#">Intel Pentium 4415U @ 2.30GHz</a>   | 2,178                          | 2120                      | NA                              | NA             |
| <a href="#">Intel Pentium 4415Y @ 1.60GHz</a>   | 1,596                          | 2462                      | 9.91                            | \$161.00*      |
| <a href="#">Intel Pentium 4417U @ 2.30GHz</a>   | 2,278                          | 2066                      | 14.15                           | \$161.00*      |
| <a href="#">Intel Pentium 4425Y @ 1.70GHz</a>   | 1,732                          | 2378                      | 10.76                           | \$161.00*      |
| <a href="#">Intel Pentium 5405U @ 2.30GHz</a>   | 2,275                          | 2070                      | 14.13                           | \$161.00*      |
| <a href="#">Intel Pentium 6405U @ 2.40GHz</a>   | 2,373                          | 2003                      | 14.74                           | \$161.00*      |
| <a href="#">Intel Pentium 6805 @ 1.10GHz</a>    | 4,448                          | 1387                      | 27.62                           | \$161.00*      |
| <a href="#">Intel Pentium A1018 @ 2.10GHz</a>   | 1,117                          | 2821                      | NA                              | NA             |
| <a href="#">Intel Pentium A1020 @ 2.41GHz</a>   | 1,290                          | 2673                      | NA                              | NA             |
| <a href="#">Intel Pentium B940 @ 2.00GHz</a>    | 842                            | 3078                      | 12.32                           | \$68.32*       |
| <a href="#">Intel Pentium B950 @ 2.10GHz</a>    | 989                            | 2948                      | NA                              | NA             |
| <a href="#">Intel Pentium B960 @ 2.20GHz</a>    | 924                            | 3007                      | 23.90                           | \$38.68*       |
| <a href="#">Intel Pentium B970 @ 2.30GHz</a>    | 1,097                          | 2840                      | 21.51                           | \$50.99*       |
| <a href="#">Intel Pentium B980 @ 2.40GHz</a>    | 1,060                          | 2878                      | 29.61                           | \$35.81*       |
| <a href="#">Intel Pentium D1508 @ 2.20GHz</a>   | 3,240                          | 1668                      | 25.12                           | \$129.00*      |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Pentium D 800 @ 2.66GHz</a>  | 314                            | 3303                      | NA                              | NA             |
| <a href="#">Intel Pentium D 830 @ 3.00GHz</a>  | 532                            | 3418                      | NA                              | NA             |
| <a href="#">Intel Pentium D 915 @ 2.80GHz</a>  | 441                            | 3505                      | NA                              | NA             |
| <a href="#">Intel Pentium D 940 @ 3.20GHz</a>  | 498                            | 3452                      | NA                              | NA             |
| <a href="#">Intel Pentium D 950 @ 3.40GHz</a>  | 671                            | 3270                      | NA                              | NA             |
| <a href="#">Intel Pentium D 960 @ 3.60GHz</a>  | 743                            | 3186                      | NA                              | NA             |
| <a href="#">Intel Pentium Dual T2390 @ 1.86GHz</a>   | 745                            | 3185                      | NA                              | NA             |
| <a href="#">Intel Pentium E2140 @ 1.60GHz</a>  | 549                            | 3401                      | 10.08                           | \$54.48        |
| <a href="#">Intel Pentium E2160 @ 1.80GHz</a>  | 637                            | 3304                      | 7.16                            | \$89.00        |
| <a href="#">Intel Pentium E2180 @ 2.00GHz</a>  | 677                            | 3264                      | 34.74                           | \$19.50        |
| <a href="#">Intel Pentium E2200 @ 2.20GHz</a>  | 726                            | 3208                      | 13.44                           | \$54.00        |
| <a href="#">Intel Pentium E2210 @ 2.20GHz</a>  | 702                            | 3234                      | NA                              | NA             |
| <a href="#">Intel Pentium E2220 @ 2.40GHz</a>  | 799                            | 3128                      | 19.99                           | \$39.99        |
| <a href="#">Intel Pentium E5200 @ 2.50GHz</a>  | 870                            | 3051                      | 17.42                           | \$49.94        |
| <a href="#">Intel Pentium E5300 @ 2.60GHz</a>  | 907                            | 3025                      | 15.24                           | \$59.49        |
| <a href="#">Intel Pentium E5400 @ 2.70GHz</a>  | 940                            | 2991                      | 13.04                           | \$72.10        |
| <a href="#">Intel Pentium E5500 @ 2.80GHz</a>  | 1,017                          | 2913                      | 63.62                           | \$15.99        |
| <a href="#">Intel Pentium E5700 @ 3.00GHz</a>  | 1,033                          | 2903                      | 29.53                           | \$34.99        |
| <a href="#">Intel Pentium E5800 @ 3.20GHz</a>  | 1,159                          | 2782                      | 12.57                           | \$92.19        |
| <a href="#">Intel Pentium E6300 @ 2.80GHz</a>  | 1,000                          | 2936                      | 23.89                           | \$41.85*       |
| <a href="#">Intel Pentium E6500 @ 2.93GHz</a>  | 1,116                          | 2823                      | 11.66                           | \$95.71        |
| <a href="#">Intel Pentium E6600 @ 3.06GHz</a>  | 1,089                          | 2848                      | 29.03                           | \$37.50        |
| <a href="#">Intel Pentium E6700 @ 3.20GHz</a>  | 1,205                          | 2741                      | 8.60                            | \$140.19       |
| <a href="#">Intel Pentium E6800 @ 3.33GHz</a>  | 1,166                          | 2775                      | 46.74                           | \$24.95*       |
| <a href="#">Intel Pentium Extreme Edition 955 @ 3.46GHz</a>  | 469                            | 3486                      | 15.02                           | \$31.23*       |
| <a href="#">Intel Pentium Extreme Edition 965 @ 3.73GHz</a>  | 987                            | 2949                      | NA                              | NA             |
| <a href="#">Intel Pentium G620 @ 2.60GHz</a>   | 1,212                          | 2733                      | 101.24                          | \$11.97*       |
| <a href="#">Intel Pentium G620T @ 2.20GHz</a>  | 896                            | 3032                      | 44.84                           | \$19.99*       |
| <a href="#">Intel Pentium G630 @ 2.70GHz</a>   | 1,274                          | 2688                      | 21.23                           | \$60.00        |
| <a href="#">Intel Pentium G630T @ 2.30GHz</a>  | 1,029                          | 2904                      | 12.24                           | \$84.07*       |
| <a href="#">Intel Pentium G640 @ 2.80GHz</a>   | 1,269                          | 2692                      | 42.28                           | \$30.00        |
| <a href="#">Intel Pentium G640T @ 2.40GHz</a>  | 1,139                          | 2800                      | 13.42                           | \$84.88        |
| <a href="#">Intel Pentium G645 @ 2.90GHz</a>   | 1,331                          | 2643                      | 14.25                           | \$93.35        |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium G840 @ 2.80GHz</a>    | 1,179                          | 2739                      | 20.40                           | \$57.04        |
| <a href="#">Intel Pentium G850 @ 2.90GHz</a>    | 1,382                          | 2610                      | 13.56                           | \$101.95       |
| <a href="#">Intel Pentium G860 @ 3.00GHz</a>    | 1,434                          | 2574                      | 19.65                           | \$72.99        |
| <a href="#">Intel Pentium G870 @ 3.10GHz</a>    | 1,518                          | 2515                      | 19.71                           | \$77.00*       |
| <a href="#">Intel Pentium G2010 @ 2.80GHz</a>   | 1,581                          | 2469                      | 68.84                           | \$22.97*       |
| <a href="#">Intel Pentium G2020 @ 2.90GHz</a>   | 1,679                          | 2411                      | 33.58                           | \$50.00        |
| <a href="#">Intel Pentium G2020T @ 2.50GHz</a>  | 1,337                          | 2639                      | 28.08                           | \$47.60*       |
| <a href="#">Intel Pentium G2030 @ 3.00GHz</a>   | 1,718                          | 2387                      | 71.60                           | \$24.00        |
| <a href="#">Intel Pentium G2030T @ 2.60GHz</a>  | 1,535                          | 2502                      | 11.76                           | \$130.50*      |
| <a href="#">Intel Pentium G2100T @ 2.60GHz</a>  | 1,691                          | 2406                      | NA                              | NA             |
| <a href="#">Intel Pentium G2120 @ 3.10GHz</a>   | 1,882                          | 2279                      | 31.37                           | \$59.99        |
| <a href="#">Intel Pentium G2120T @ 2.70GHz</a>  | 1,613                          | 2453                      | NA                              | NA             |
| <a href="#">Intel Pentium G2130 @ 3.20GHz</a>   | 1,910                          | 2262                      | 45.92                           | \$41.59        |
| <a href="#">Intel Pentium G2140 @ 3.30GHz</a>   | 2,092                          | 2162                      | 46.48                           | \$45.00        |
| <a href="#">Intel Pentium G3220 @ 3.00GHz</a>   | 1,873                          | 2288                      | 29.27                           | \$63.99        |
| <a href="#">Intel Pentium G3220T @ 2.60GHz</a>  | 1,580                          | 2470                      | 22.59                           | \$69.95*       |
| <a href="#">Intel Pentium G3240 @ 3.10GHz</a>   | 1,917                          | 2258                      | 38.19                           | \$50.19        |
| <a href="#">Intel Pentium G3240T @ 2.70GHz</a>  | 1,755                          | 2365                      | NA                              | NA             |
| <a href="#">Intel Pentium G3250 @ 3.20GHz</a>   | 1,949                          | 2233                      | 31.35                           | \$62.15        |
| <a href="#">Intel Pentium G3250T @ 2.80GHz</a>  | 1,742                          | 2372                      | 34.85                           | \$49.99*       |
| <a href="#">Intel Pentium G3258 @ 3.20GHz</a>   | 2,094                          | 2158                      | 70.07                           | \$29.89        |
| <a href="#">Intel Pentium G3260 @ 3.30GHz</a>   | 2,038                          | 2190                      | 35.37                           | \$57.61        |
| <a href="#">Intel Pentium G3260T @ 2.90GHz</a>  | 1,755                          | 2366                      | 35.10                           | \$49.99*       |
| <a href="#">Intel Pentium G3320TE @ 2.30GHz</a> | 1,570                          | 2475                      | NA                              | NA             |
| <a href="#">Intel Pentium G3420 @ 3.20GHz</a>   | 1,976                          | 2221                      | 44.91                           | \$44.00        |
| <a href="#">Intel Pentium G3420T @ 2.70GHz</a>  | 1,912                          | 2260                      | 11.95                           | \$159.99*      |
| <a href="#">Intel Pentium G3430 @ 3.30GHz</a>   | 2,127                          | 2140                      | 36.86                           | \$57.69        |
| <a href="#">Intel Pentium G3440 @ 3.30GHz</a>   | 2,129                          | 2138                      | 36.17                           | \$58.87*       |
| <a href="#">Intel Pentium G3440T @ 2.80GHz</a>  | 2,107                          | 2152                      | NA                              | NA             |
| <a href="#">Intel Pentium G3450 @ 3.40GHz</a>   | 2,142                          | 2132                      | 39.74                           | \$53.90        |
| <a href="#">Intel Pentium G3450T @ 2.90GHz</a>  | 2,016                          | 2203                      | NA                              | NA             |
| <a href="#">Intel Pentium G3460 @ 3.50GHz</a>   | 2,191                          | 2115                      | 22.29                           | \$98.29        |
| <a href="#">Intel Pentium G3470 @ 3.60GHz</a>   | 2,428                          | 1975                      | 37.43                           | \$64.88        |

 CPU Benchmarks 



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼               |                                |                           |                                 |                |
| <a href="#">Intel Pentium G4400T @ 2.30GHz</a>      | 2,300                          | 2029                      | NA                              | NA             |
| <a href="#">Intel Pentium G4400TE @ 2.40GHz</a>     | 2,190                          | 2116                      | 34.23                           | \$64.00*       |
| <a href="#">Intel Pentium G4500 @ 3.50GHz</a>       | 2,737                          | 1854                      | 16.42                           | \$166.67       |
| <a href="#">Intel Pentium G4500T @ 3.00GHz</a>      | 2,518                          | 1937                      | NA                              | NA             |
| <a href="#">Intel Pentium G4520 @ 3.60GHz</a>       | 2,952                          | 1777                      | 25.49                           | \$115.80       |
| <a href="#">Intel Pentium G4560 @ 3.50GHz</a>       | 3,515                          | 1581                      | 43.29                           | \$81.19        |
| <a href="#">Intel Pentium G4560T @ 2.90GHz</a>      | 2,909                          | 1795                      | 23.34                           | \$124.65*      |
| <a href="#">Intel Pentium G4600 @ 3.60GHz</a>       | 3,619                          | 1561                      | 29.92                           | \$120.93       |
| <a href="#">Intel Pentium G4600T @ 3.00GHz</a>      | 3,130                          | 1712                      | 26.53                           | \$117.99*      |
| <a href="#">Intel Pentium G4620 @ 3.70GHz</a>       | 3,775                          | 1525                      | 61.99                           | \$60.90        |
| <a href="#">Intel Pentium G6950 @ 2.80GHz</a>       | 1,061                          | 2877                      | 13.43                           | \$79.00        |
| <a href="#">Intel Pentium G6951 @ 2.80GHz</a>       | 1,383                          | 2609                      | 18.68                           | \$74.00        |
| <a href="#">Intel Pentium G6960 @ 2.93GHz</a>       | 1,293                          | 2668                      | NA                              | NA             |
| <a href="#">Intel Pentium GOLD 6500Y @ 1.10GHz</a>  | 3,026                          | 1752                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold 7505 @ 2.00GHz</a>   | 5,283                          | 1258                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold 8505</a>             | 6,670                          | 1042                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G5400 @ 3.70GHz</a>  | 3,726                          | 1536                      | 33.57                           | \$110.99       |
| <a href="#">Intel Pentium Gold G5400T @ 3.10GHz</a> | 3,185                          | 1690                      | 33.54                           | \$94.95        |
| <a href="#">Intel Pentium Gold G5420 @ 3.80GHz</a>  | 3,602                          | 1563                      | 30.91                           | \$116.52       |
| <a href="#">Intel Pentium Gold G5420T @ 3.20GHz</a> | 3,508                          | 1583                      | 54.82                           | \$64.00*       |
| <a href="#">Intel Pentium Gold G5500 @ 3.80GHz</a>  | 3,817                          | 1516                      | 29.41                           | \$129.79       |
| <a href="#">Intel Pentium Gold G5500T @ 3.20GHz</a> | 3,234                          | 1671                      | 43.13                           | \$75.00*       |
| <a href="#">Intel Pentium Gold G5600 @ 3.90GHz</a>  | 3,702                          | 1542                      | 20.68                           | \$178.96       |
| <a href="#">Intel Pentium Gold G5600F @ 3.90GHz</a> | 4,160                          | 1444                      | 45.72                           | \$90.99        |
| <a href="#">Intel Pentium Gold G5600T @ 3.30GHz</a> | 3,601                          | 1564                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G5620 @ 4.00GHz</a>  | 4,102                          | 1456                      | 32.82                           | \$125.00*      |
| <a href="#">Intel Pentium Gold G6400 @ 4.00GHz</a>  | 4,137                          | 1450                      | 50.42                           | \$82.06        |
| <a href="#">Intel Pentium Gold G6400T @ 3.40GHz</a> | 3,586                          | 1566                      | 56.04                           | \$64.00*       |
| <a href="#">Intel Pentium Gold G6405 @ 4.10GHz</a>  | 4,284                          | 1417                      | 82.56                           | \$51.89        |
| <a href="#">Intel Pentium Gold G6405T @ 3.50GHz</a> | 3,746                          | 1534                      | 58.54                           | \$64.00*       |
| <a href="#">Intel Pentium Gold G6500 @ 4.10GHz</a>  | 4,147                          | 1448                      | 44.60                           | \$92.99        |
| <a href="#">Intel Pentium Gold G6500T @ 3.50GHz</a> | 4,005                          | 1476                      | 53.40                           | \$75.00*       |
| <a href="#">Intel Pentium Gold G6505 @ 4.20GHz</a>  | 4,378                          | 1402                      | 58.37                           | \$75.00*       |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Home</a> CPU Benchmarks ▼              |                                |                           |                                 |                |
| <a href="#">Intel Pentium Gold G6605 @ 4.30GHz</a> | 4,320                          | 1073                      | 20.23                           | \$139.99       |
| <a href="#">Intel Pentium Gold G7400</a>           | 6,797                          | 1029                      | 89.50                           | \$75.95        |
| <a href="#">Intel Pentium Gold G7400T</a>          | 5,883                          | 1164                      | 91.91                           | \$64.00*       |
| <a href="#">Intel Pentium III 1400 @ 1400MHz</a>   | 193                            | 3831                      | NA                              | NA             |
| <a href="#">Intel Pentium III 1400S @ 1400MHz</a>  | 194                            | 3828                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 800MHz</a>    | 119                            | 3930                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 866MHz</a>    | 99                             | 3944                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 1066MHz</a>   | 160                            | 3876                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 1133MHz</a>   | 164                            | 3874                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 1200MHz</a>   | 156                            | 3883                      | NA                              | NA             |
| <a href="#">Intel Pentium J2850 @ 2.41GHz</a>      | 1,016                          | 2915                      | NA                              | NA             |
| <a href="#">Intel Pentium J2900 @ 2.41GHz</a>      | 1,238                          | 2711                      | NA                              | NA             |
| <a href="#">Intel Pentium J3710 @ 1.60GHz</a>      | 1,470                          | 2551                      | NA                              | NA             |
| <a href="#">Intel Pentium J4205 @ 1.50GHz</a>      | 2,416                          | 1983                      | NA                              | NA             |
| <a href="#">Intel Pentium J6426 @ 2.00GHz</a>      | 4,173                          | 1441                      | 52.17                           | \$80.00*       |
| <a href="#">Intel Pentium M 1.10GHz</a>            | 184                            | 3840                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.20GHz</a>            | 199                            | 3817                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.30GHz</a>            | 196                            | 3824                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.40GHz</a>            | 225                            | 3791                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.50GHz</a>            | 240                            | 3765                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.60GHz</a>            | 229                            | 3787                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.70GHz</a>            | 239                            | 3766                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.73GHz</a>            | 205                            | 3813                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.80GHz</a>            | 280                            | 3706                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.86GHz</a>            | 238                            | 3768                      | NA                              | NA             |
| <a href="#">Intel Pentium M 2.00GHz</a>            | 270                            | 3718                      | NA                              | NA             |
| <a href="#">Intel Pentium M 2.10GHz</a>            | 292                            | 3689                      | NA                              | NA             |
| <a href="#">Intel Pentium M 2.13GHz</a>            | 271                            | 3715                      | NA                              | NA             |
| <a href="#">Intel Pentium M 2.26GHz</a>            | 227                            | 3788                      | NA                              | NA             |
| <a href="#">Intel Pentium M 900MHz</a>             | 141                            | 3904                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1000MHz</a>            | 156                            | 3884                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1200MHz</a>            | 155                            | 3885                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1300MHz</a>            | 197                            | 3821                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium M 1500MHz</a>              | 100                            | 3030                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1600MHz</a>              | 193                            | 3832                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1700MHz</a>              | 237                            | 3771                      | NA                              | NA             |
| <a href="#">Intel Pentium N3510 @ 1.99GHz</a>        | 878                            | 3041                      | NA                              | NA             |
| <a href="#">Intel Pentium N3520 @ 2.16GHz</a>        | 1,140                          | 2798                      | NA                              | NA             |
| <a href="#">Intel Pentium N3530 @ 2.16GHz</a>        | 1,190                          | 2753                      | NA                              | NA             |
| <a href="#">Intel Pentium N3540 @ 2.16GHz</a>        | 1,212                          | 2734                      | 4.83                            | \$250.87*      |
| <a href="#">Intel Pentium N3700 @ 1.60GHz</a>        | 1,250                          | 2705                      | 2.81                            | \$444.78*      |
| <a href="#">Intel Pentium N3710 @ 1.60GHz</a>        | 1,366                          | 2618                      | NA                              | NA             |
| <a href="#">Intel Pentium N4200 @ 1.10GHz</a>        | 2,146                          | 2130                      | 9.38                            | \$228.71*      |
| <a href="#">Intel Pentium N6415 @ 1.20GHz</a>        | 3,760                          | 1526                      | 47.00                           | \$80.00*       |
| <a href="#">Intel Pentium P6000 @ 1.87GHz</a>        | 787                            | 3142                      | NA                              | NA             |
| <a href="#">Intel Pentium P6100 @ 2.00GHz</a>        | 858                            | 3060                      | 30.15                           | \$28.44*       |
| <a href="#">Intel Pentium P6200 @ 2.13GHz</a>        | 853                            | 3069                      | 34.17                           | \$24.95*       |
| <a href="#">Intel Pentium P6300 @ 2.27GHz</a>        | 834                            | 3093                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver J5005 @ 1.50GHz</a> | 3,045                          | 1742                      | 5.83                            | \$521.99*      |
| <a href="#">Intel Pentium Silver J5040 @ 2.00GHz</a> | 3,444                          | 1606                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver N5000 @ 1.10GHz</a> | 2,585                          | 1912                      | 16.05                           | \$161.00*      |
| <a href="#">Intel Pentium Silver N5020 @ 1.10GHz</a> | 3,404                          | 1612                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver N5030 @ 1.10GHz</a> | 2,650                          | 1887                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver N6000 @ 1.10GHz</a> | 3,123                          | 1715                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver N6005 @ 2.00GHz</a> | 4,516                          | 1376                      | NA                              | NA             |
| <a href="#">Intel Pentium SU2700 @ 1.30GHz</a>       | 239                            | 3767                      | NA                              | NA             |
| <a href="#">Intel Pentium SU4100 @ 1.30GHz</a>       | 479                            | 3470                      | NA                              | NA             |
| <a href="#">Intel Pentium T2060 @ 1.60GHz</a>        | 330                            | 3639                      | NA                              | NA             |
| <a href="#">Intel Pentium T2080 @ 1.73GHz</a>        | 348                            | 3610                      | 2.18                            | \$159.95*      |
| <a href="#">Intel Pentium T2130 @ 1.86GHz</a>        | 382                            | 3574                      | NA                              | NA             |
| <a href="#">Intel Pentium T2310 @ 1.46GHz</a>        | 526                            | 3429                      | NA                              | NA             |
| <a href="#">Intel Pentium T2330 @ 1.60GHz</a>        | 536                            | 3414                      | 3.57                            | \$149.95*      |
| <a href="#">Intel Pentium T2370 @ 1.73GHz</a>        | 528                            | 3424                      | 21.13                           | \$25.00*       |
| <a href="#">Intel Pentium T2390 @ 1.86GHz</a>        | 547                            | 3406                      | NA                              | NA             |
| <a href="#">Intel Pentium T2410 @ 2.00GHz</a>        | 598                            | 3343                      | NA                              | NA             |
| <a href="#">Intel Pentium T3200 @ 2.00GHz</a>        | 635                            | 3308                      | 52.88                           | \$12.00*       |

## CPU Benchmarks

| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|   |       |      |       |            |
|---|-------|------|-------|------------|
| <a href="#">Intel Pentium 1420U @ 2.00GHz</a> | 114   | 3222 | 1.22  | \$90.90    |
| <a href="#">Intel Pentium T4300 @ 2.10GHz</a> | 768   | 3158 | 7.76  | \$98.95*   |
| <a href="#">Intel Pentium T4400 @ 2.20GHz</a> | 745   | 3184 | 6.78  | \$109.95*  |
| <a href="#">Intel Pentium T4500 @ 2.30GHz</a> | 803   | 3123 | 26.80 | \$29.95*   |
| <a href="#">Intel Pentium U5400 @ 1.20GHz</a> | 538   | 3413 | NA    | NA         |
| <a href="#">Intel Pentium U5600 @ 1.33GHz</a> | 624   | 3319 | NA    | NA         |
| <a href="#">Intel T1400 @ 1.73GHz</a>         | 475   | 3478 | 31.70 | \$15.00*   |
| <a href="#">Intel T1500 @ 1.86GHz</a>         | 548   | 3404 | NA    | NA         |
| <a href="#">Intel T2050 @ 2.00GHz</a>         | 516   | 3438 | NA    | NA         |
| <a href="#">Intel Xeon 2.00GHz</a>            | 152   | 3891 | NA    | NA         |
| <a href="#">Intel XEON 2.20GHz</a>            | 164   | 3870 | NA    | NA         |
| <a href="#">Intel Xeon 2.40GHz</a>            | 180   | 3849 | 19.73 | \$9.10*    |
| <a href="#">Intel Xeon 2.80GHz</a>            | 260   | 3736 | NA    | NA         |
| <a href="#">Intel Xeon 3.00GHz</a>            | 425   | 3520 | NA    | NA         |
| <a href="#">Intel Xeon 3.20GHz</a>            | 478   | 3471 | NA    | NA         |
| <a href="#">Intel Xeon 3.40GHz</a>            | 375   | 3581 | NA    | NA         |
| <a href="#">Intel Xeon 3.60GHz</a>            | 403   | 3545 | 0.47  | \$851.00*  |
| <a href="#">Intel Xeon 3.73GHz</a>            | 901   | 3028 | NA    | NA         |
| <a href="#">Intel Xeon 3.80GHz</a>            | 393   | 3562 | 0.46  | \$851.00*  |
| <a href="#">Intel Xeon 3040 @ 1.86GHz</a>     | 790   | 3137 | 31.53 | \$25.04*   |
| <a href="#">Intel Xeon 3050 @ 2.13GHz</a>     | 841   | 3082 | 5.32  | \$157.95*  |
| <a href="#">Intel Xeon 3060 @ 2.40GHz</a>     | 939   | 2992 | 40.84 | \$22.99*   |
| <a href="#">Intel Xeon 3065 @ 2.33GHz</a>     | 867   | 3053 | 41.49 | \$20.90*   |
| <a href="#">Intel Xeon 3070 @ 2.66GHz</a>     | 1,025 | 2909 | 35.78 | \$28.65*   |
| <a href="#">Intel Xeon 3075 @ 2.66GHz</a>     | 1,096 | 2841 | 3.13  | \$349.95*  |
| <a href="#">Intel Xeon 3085 @ 3.00GHz</a>     | 1,070 | 2866 | NA    | NA         |
| <a href="#">Intel Xeon 5110 @ 1.60GHz</a>     | 600   | 3340 | 17.14 | \$35.00*   |
| <a href="#">Intel Xeon 5120 @ 1.86GHz</a>     | 763   | 3166 | 0.74  | \$1,025.90 |
| <a href="#">Intel Xeon 5130 @ 2.00GHz</a>     | 795   | 3134 | 16.22 | \$48.99*   |
| <a href="#">Intel Xeon 5133 @ 2.20GHz</a>     | 887   | 3036 | NA    | NA         |
| <a href="#">Intel Xeon 5140 @ 2.33GHz</a>     | 857   | 3064 | 23.16 | \$36.99*   |
| <a href="#">Intel Xeon 5148 @ 2.33GHz</a>     | 912   | 3017 | 45.62 | \$20.00*   |
| <a href="#">Intel Xeon 5150 @ 2.66GHz</a>     | 840   | 3084 | 27.11 | \$30.99*   |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon @ 2.00GHz</a>             | 7,303                          | 341                       | NA                              | NA             |
| <a href="#">Intel Xeon @ 2.20GHz</a>             | 1,324                          | 2648                      | NA                              | NA             |
| <a href="#">Intel Xeon Bronze 3104 @ 1.70GHz</a> | 4,578                          | 1365                      | 14.32                           | \$319.76       |
| <a href="#">Intel Xeon Bronze 3106 @ 1.70GHz</a> | 5,769                          | 1177                      | 28.14                           | \$204.99       |
| <a href="#">Intel Xeon Bronze 3204 @ 1.90GHz</a> | 4,796                          | 1331                      | 19.50                           | \$245.99       |
| <a href="#">Intel Xeon D-1518 @ 2.20GHz</a>      | 4,784                          | 1332                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1520 @ 2.20GHz</a>      | 3,324                          | 1639                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1521 @ 2.40GHz</a>      | 5,876                          | 1166                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1527 @ 2.20GHz</a>      | 4,710                          | 1343                      | 22.11                           | \$213.00*      |
| <a href="#">Intel Xeon D-1528 @ 1.90GHz</a>      | 6,396                          | 1072                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1531 @ 2.20GHz</a>      | 7,460                          | 930                       | 21.44                           | \$348.00*      |
| <a href="#">Intel Xeon D-1537 @ 1.70GHz</a>      | 7,176                          | 966                       | 12.57                           | \$571.00*      |
| <a href="#">Intel Xeon D-1539 @ 1.60GHz</a>      | 7,175                          | 967                       | 14.76                           | \$486.00*      |
| <a href="#">Intel Xeon D-1540 @ 2.00GHz</a>      | 10,040                         | 726                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1541 @ 2.10GHz</a>      | 10,170                         | 723                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1548 @ 2.00GHz</a>      | 9,075                          | 795                       | 16.35                           | \$555.00*      |
| <a href="#">Intel Xeon D-1557 @ 1.50GHz</a>      | 7,118                          | 974                       | 10.26                           | \$694.00*      |
| <a href="#">Intel Xeon D-1559 @ 1.50GHz</a>      | 7,353                          | 944                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1567 @ 2.10GHz</a>      | 10,447                         | 704                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1577 @ 1.30GHz</a>      | 11,645                         | 642                       | 9.90                            | \$1,176.00*    |
| <a href="#">Intel Xeon D-1581 @ 1.80GHz</a>      | 13,508                         | 564                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1587 @ 1.70GHz</a>      | 9,223                          | 781                       | NA                              | NA             |
| <a href="#">Intel Xeon D-1602 @ 2.50GHz</a>      | 2,459                          | 1962                      | 23.20                           | \$106.00*      |
| <a href="#">Intel Xeon D-1622 @ 2.60GHz</a>      | 6,205                          | 1109                      | 36.50                           | \$170.00*      |
| <a href="#">Intel Xeon D-1715TER @ 2.40GHz</a>   | 9,104                          | 794                       | 31.94                           | \$285.00*      |
| <a href="#">Intel Xeon D-1733NT @ 2.00GHz</a>    | 14,849                         | 502                       | 20.62                           | \$720.00*      |
| <a href="#">Intel Xeon D-1747NTE @ 2.50GHz</a>   | 19,822                         | 334                       | 16.50                           | \$1,201.00*    |
| <a href="#">Intel Xeon D-2123IT @ 2.20GHz</a>    | 6,940                          | 1005                      | 32.58                           | \$213.00*      |
| <a href="#">Intel Xeon D-2141I @ 2.20GHz</a>     | 12,083                         | 625                       | 21.77                           | \$555.00*      |
| <a href="#">Intel Xeon D-2143IT @ 2.20GHz</a>    | 13,107                         | 588                       | 23.16                           | \$566.00*      |
| <a href="#">Intel Xeon D-2146NT @ 2.30GHz</a>    | 11,736                         | 639                       | 18.31                           | \$641.00*      |
| <a href="#">Intel Xeon D-2166NT @ 2.00GHz</a>    | 15,105                         | 491                       | 15.03                           | \$1,005.00*    |
| <a href="#">Intel Xeon D-2183IT @ 2.20GHz</a>    | 18,385                         | 378                       | 10.42                           | \$1,764.00*    |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon D-2799 @ 2.40GHz</a>      | 33,792                         | 100                       | 17.48                           | \$1,933.00*    |
| <a href="#">Intel Xeon E3-1205 v6 @ 3.00GHz</a>  | 5,682                          | 1188                      | 29.44                           | \$193.00*      |
| <a href="#">Intel Xeon E3-1220 @ 3.10GHz</a>     | 3,877                          | 1498                      | 64.68                           | \$59.95        |
| <a href="#">Intel Xeon E3-1220 V2 @ 3.10GHz</a>  | 4,685                          | 1348                      | 50.37                           | \$93.00        |
| <a href="#">Intel Xeon E3-1220 v3 @ 3.10GHz</a>  | 5,189                          | 1276                      | 15.97                           | \$325.00       |
| <a href="#">Intel Xeon E3-1220 v5 @ 3.00GHz</a>  | 5,702                          | 1186                      | 39.32                           | \$145.00       |
| <a href="#">Intel Xeon E3-1220 v6 @ 3.00GHz</a>  | 5,630                          | 1198                      | 26.70                           | \$210.84       |
| <a href="#">Intel Xeon E3-1220L @ 2.20GHz</a>    | 2,138                          | 2134                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1220L V2 @ 2.30GHz</a> | 2,278                          | 2067                      | 12.82                           | \$177.66       |
| <a href="#">Intel Xeon E3-1220L v3 @ 1.10GHz</a> | 1,407                          | 2596                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1225 @ 3.10GHz</a>     | 3,821                          | 1514                      | 17.92                           | \$213.19       |
| <a href="#">Intel Xeon E3-1225 V2 @ 3.20GHz</a>  | 4,759                          | 1334                      | 28.86                           | \$164.89       |
| <a href="#">Intel Xeon E3-1225 v3 @ 3.20GHz</a>  | 5,267                          | 1261                      | 90.65                           | \$58.11        |
| <a href="#">Intel Xeon E3-1225 v5 @ 3.30GHz</a>  | 5,936                          | 1152                      | 57.07                           | \$104.01       |
| <a href="#">Intel Xeon E3-1225 v6 @ 3.30GHz</a>  | 6,304                          | 1093                      | 22.47                           | \$280.48       |
| <a href="#">Intel Xeon E3-1226 v3 @ 3.30GHz</a>  | 5,514                          | 1216                      | 19.71                           | \$279.70       |
| <a href="#">Intel Xeon E3-1230 @ 3.20GHz</a>     | 5,047                          | 1300                      | 21.22                           | \$237.86       |
| <a href="#">Intel Xeon E3-1230 V2 @ 3.30GHz</a>  | 6,206                          | 1108                      | 103.81                          | \$59.78        |
| <a href="#">Intel Xeon E3-1230 v3 @ 3.30GHz</a>  | 6,794                          | 1031                      | 22.65                           | \$299.99       |
| <a href="#">Intel Xeon E3-1230 v5 @ 3.40GHz</a>  | 7,950                          | 879                       | 48.01                           | \$165.60       |
| <a href="#">Intel Xeon E3-1230 v6 @ 3.50GHz</a>  | 8,206                          | 855                       | 47.52                           | \$172.68       |
| <a href="#">Intel Xeon E3-1230L v3 @ 1.80GHz</a> | 5,174                          | 1278                      | 20.70                           | \$250.00       |
| <a href="#">Intel Xeon E3-1231 v3 @ 3.40GHz</a>  | 6,998                          | 991                       | 118.20                          | \$59.20        |
| <a href="#">Intel Xeon E3-1235 @ 3.20GHz</a>     | 5,001                          | 1306                      | 21.37                           | \$233.98       |
| <a href="#">Intel Xeon E3-1235L v5 @ 2.00GHz</a> | 5,013                          | 1305                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1240 @ 3.30GHz</a>     | 5,362                          | 1240                      | 39.43                           | \$136.00       |
| <a href="#">Intel Xeon E3-1240 V2 @ 3.40GHz</a>  | 6,311                          | 1092                      | 20.04                           | \$314.99       |
| <a href="#">Intel Xeon E3-1240 v3 @ 3.40GHz</a>  | 7,067                          | 983                       | 113.23                          | \$62.41*       |
| <a href="#">Intel Xeon E3-1240 v5 @ 3.50GHz</a>  | 8,300                          | 846                       | 43.74                           | \$189.76       |
| <a href="#">Intel Xeon E3-1240 v6 @ 3.70GHz</a>  | 8,696                          | 816                       | 22.94                           | \$379.00       |
| <a href="#">Intel Xeon E3-1240L v3 @ 2.00GHz</a> | 5,304                          | 1251                      | 5.92                            | \$895.50*      |
| <a href="#">Intel Xeon E3-1240L v5 @ 2.10GHz</a> | 6,173                          | 1113                      | 22.21                           | \$278.00*      |

 CPU Benchmarks 

[Intel Xeon D-2799 @ 2.40GHz](#)

10,200

431

20.20

\$000.00

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E3-1240 @ 3.30GHz</a>     | 5,320                          | 1240                      | 22.10                           | \$239.09       |
| <a href="#">Intel Xeon E3-1245 V2 @ 3.40GHz</a>  | 6,331                          | 1086                      | 19.19                           | \$329.99       |
| <a href="#">Intel Xeon E3-1245 v3 @ 3.40GHz</a>  | 7,004                          | 990                       | 23.42                           | \$299.00       |
| <a href="#">Intel Xeon E3-1245 v5 @ 3.50GHz</a>  | 7,933                          | 881                       | 56.67                           | \$139.99       |
| <a href="#">Intel Xeon E3-1245 v6 @ 3.70GHz</a>  | 8,578                          | 822                       | 41.92                           | \$204.62       |
| <a href="#">Intel Xeon E3-1246 v3 @ 3.50GHz</a>  | 7,244                          | 958                       | 8.77                            | \$826.00       |
| <a href="#">Intel Xeon E3-1260L @ 2.40GHz</a>    | 3,998                          | 1477                      | 14.81                           | \$269.99       |
| <a href="#">Intel Xeon E3-1260L v5 @ 2.90GHz</a> | 8,121                          | 860                       | 31.39                           | \$258.70*      |
| <a href="#">Intel Xeon E3-1265L @ 2.40GHz</a>    | 3,181                          | 1696                      | 11.83                           | \$268.98       |
| <a href="#">Intel Xeon E3-1265L V2 @ 2.50GHz</a> | 4,812                          | 1329                      | 22.92                           | \$209.99       |
| <a href="#">Intel Xeon E3-1265L v3 @ 2.50GHz</a> | 6,147                          | 1117                      | 6.17                            | \$997.00*      |
| <a href="#">Intel Xeon E3-1265L v4 @ 2.30GHz</a> | 6,954                          | 1003                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1268L v3 @ 2.30GHz</a> | 5,475                          | 1223                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1268L v5 @ 2.40GHz</a> | 6,079                          | 1130                      | 13.32                           | \$456.54*      |
| <a href="#">Intel Xeon E3-1270 @ 3.40GHz</a>     | 5,415                          | 1236                      | 68.66                           | \$78.87        |
| <a href="#">Intel Xeon E3-1270 V2 @ 3.50GHz</a>  | 6,429                          | 1067                      | 23.90                           | \$269.00       |
| <a href="#">Intel Xeon E3-1270 v3 @ 3.50GHz</a>  | 7,301                          | 951                       | 56.60                           | \$128.99       |
| <a href="#">Intel Xeon E3-1270 v5 @ 3.60GHz</a>  | 8,306                          | 845                       | 42.68                           | \$194.58       |
| <a href="#">Intel Xeon E3-1270 v6 @ 3.80GHz</a>  | 8,840                          | 807                       | 39.84                           | \$221.90       |
| <a href="#">Intel Xeon E3-1270L v4 @ 3.00GHz</a> | 7,662                          | 904                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1271 v3 @ 3.60GHz</a>  | 7,503                          | 923                       | 29.43                           | \$254.99       |
| <a href="#">Intel Xeon E3-1275 @ 3.40GHz</a>     | 5,420                          | 1232                      | 33.88                           | \$160.00       |
| <a href="#">Intel Xeon E3-1275 V2 @ 3.50GHz</a>  | 6,641                          | 1043                      | 44.94                           | \$147.78       |
| <a href="#">Intel Xeon E3-1275 v3 @ 3.50GHz</a>  | 7,200                          | 963                       | 38.21                           | \$188.42       |
| <a href="#">Intel Xeon E3-1275 v5 @ 3.60GHz</a>  | 8,511                          | 826                       | 37.84                           | \$224.89       |
| <a href="#">Intel Xeon E3-1275 v6 @ 3.80GHz</a>  | 9,202                          | 784                       | 25.35                           | \$363.02       |
| <a href="#">Intel Xeon E3-1275L v3 @ 2.70GHz</a> | 6,065                          | 1134                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1276 v3 @ 3.60GHz</a>  | 7,351                          | 946                       | 7.52                            | \$978.00       |
| <a href="#">Intel Xeon E3-1280 @ 3.50GHz</a>     | 5,613                          | 1201                      | 15.17                           | \$369.99       |
| <a href="#">Intel Xeon E3-1280 V2 @ 3.60GHz</a>  | 6,532                          | 1054                      | 41.26                           | \$158.32       |
| <a href="#">Intel Xeon E3-1280 v3 @ 3.60GHz</a>  | 7,352                          | 945                       | 29.53                           | \$249.00*      |
| <a href="#">Intel Xeon E3-1280 v5 @ 3.70GHz</a>  | 8,332                          | 843                       | 21.09                           | \$395.00*      |
| <a href="#">Intel Xeon E3-1280 v6 @ 3.90GHz</a>  | 9,179                          | 786                       | 17.49                           | \$524.73       |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E3-1285 v3 @ 3.50GHz</a>  | 6,307                          | 890                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1285 v4 @ 3.50GHz</a>  | 7,712                          | 898                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1285 v6 @ 4.10GHz</a>  | 9,276                          | 777                       | 17.06                           | \$543.84*      |
| <a href="#">Intel Xeon E3-1285L v3 @ 3.10GHz</a> | 6,834                          | 1022                      | 7.59                            | \$899.99       |
| <a href="#">Intel Xeon E3-1285L v4 @ 3.40GHz</a> | 8,059                          | 870                       | 5.86                            | \$1,376.00     |
| <a href="#">Intel Xeon E3-1286 v3 @ 3.70GHz</a>  | 7,418                          | 937                       | 8.84                            | \$839.00*      |
| <a href="#">Intel Xeon E3-1286L v3 @ 3.20GHz</a> | 6,450                          | 1064                      | 8.33                            | \$774.00*      |
| <a href="#">Intel Xeon E3-1290 @ 3.60GHz</a>     | 4,988                          | 1309                      | 5.64                            | \$885.00*      |
| <a href="#">Intel Xeon E3-1290 V2 @ 3.70GHz</a>  | 6,470                          | 1061                      | 7.31                            | \$885.00*      |
| <a href="#">Intel Xeon E3-1505L v5 @ 2.00GHz</a> | 5,301                          | 1252                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1505L v6 @ 2.20GHz</a> | 6,088                          | 1129                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1505M v5 @ 2.80GHz</a> | 6,984                          | 997                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1505M v6 @ 3.00GHz</a> | 7,083                          | 979                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1515M v5 @ 2.80GHz</a> | 7,938                          | 880                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1535M v5 @ 2.90GHz</a> | 7,525                          | 920                       | 12.08                           | \$623.00*      |
| <a href="#">Intel Xeon E3-1535M v6 @ 3.10GHz</a> | 8,189                          | 857                       | 13.14                           | \$623.00*      |
| <a href="#">Intel Xeon E3-1545M v5 @ 2.90GHz</a> | 7,926                          | 882                       | NA                              | NA             |
| <a href="#">Intel Xeon E3-1575M v5 @ 3.00GHz</a> | 7,728                          | 896                       | 6.40                            | \$1,207.00*    |
| <a href="#">Intel Xeon E3-1585 v5 @ 3.50GHz</a>  | 8,408                          | 837                       | 15.12                           | \$556.00*      |
| <a href="#">Intel Xeon E3-1585L v5 @ 3.00GHz</a> | 8,021                          | 874                       | 18.02                           | \$445.00*      |
| <a href="#">Intel Xeon E5-1410 @ 2.80GHz</a>     | 4,701                          | 1345                      | 104.50                          | \$44.99*       |
| <a href="#">Intel Xeon E5-1410 v2 @ 2.80GHz</a>  | 5,436                          | 1228                      | 283.13                          | \$19.20*       |
| <a href="#">Intel Xeon E5-1428L v2 @ 2.20GHz</a> | 6,566                          | 1048                      | 322.34                          | \$20.37*       |
| <a href="#">Intel Xeon E5-1603 @ 2.80GHz</a>     | 3,443                          | 1607                      | 101.59                          | \$33.89*       |
| <a href="#">Intel Xeon E5-1603 v3 @ 2.80GHz</a>  | 4,449                          | 1386                      | 345.38                          | \$12.88*       |
| <a href="#">Intel Xeon E5-1603 v4 @ 2.80GHz</a>  | 4,812                          | 1330                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-1607 @ 3.00GHz</a>     | 3,749                          | 1533                      | 325.15                          | \$11.53*       |
| <a href="#">Intel Xeon E5-1607 v2 @ 3.00GHz</a>  | 4,270                          | 1424                      | 18.57                           | \$229.95*      |
| <a href="#">Intel Xeon E5-1607 v3 @ 3.10GHz</a>  | 4,950                          | 1312                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-1607 v4 @ 3.10GHz</a>  | 5,245                          | 1265                      | 29.46                           | \$178.02*      |
| <a href="#">Intel Xeon E5-1620 @ 3.60GHz</a>     | 5,864                          | 1169                      | 32.59                           | \$179.91*      |
| <a href="#">Intel Xeon E5-1620 v2 @ 3.70GHz</a>  | 6,547                          | 1051                      | 130.98                          | \$49.99        |
| <a href="#">Intel Xeon E5-1620 v3 @ 3.50GHz</a>  | 6,993                          | 992                       | 57.32                           | \$122.00       |

## CPU Benchmarks ▼



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-1630 v3 @ 3.70GHz</a>  | 7,447                          | 934                       | 3.30                            | \$ 1,334.00    |
| <a href="#">Intel Xeon E5-1630 v4 @ 3.70GHz</a>  | 7,643                          | 908                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-1650 @ 3.20GHz</a>     | 8,081                          | 867                       | 72.15                           | \$112.00       |
| <a href="#">Intel Xeon E5-1650 v2 @ 3.50GHz</a>  | 9,294                          | 776                       | 39.05                           | \$238.02       |
| <a href="#">Intel Xeon E5-1650 v3 @ 3.50GHz</a>  | 10,389                         | 707                       | 75.00                           | \$138.51       |
| <a href="#">Intel Xeon E5-1650 v4 @ 3.60GHz</a>  | 11,462                         | 650                       | 25.26                           | \$453.70*      |
| <a href="#">Intel Xeon E5-1660 @ 3.30GHz</a>     | 8,421                          | 835                       | 31.52                           | \$267.19       |
| <a href="#">Intel Xeon E5-1660 v2 @ 3.70GHz</a>  | 10,309                         | 716                       | 20.66                           | \$498.95*      |
| <a href="#">Intel Xeon E5-1660 v3 @ 3.00GHz</a>  | 12,383                         | 613                       | 30.62                           | \$404.45       |
| <a href="#">Intel Xeon E5-1660 v4 @ 3.20GHz</a>  | 13,408                         | 571                       | 8.97                            | \$1,494.00*    |
| <a href="#">Intel Xeon E5-1680 v2 @ 3.00GHz</a>  | 12,620                         | 609                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-1680 v3 @ 3.20GHz</a>  | 13,214                         | 582                       | 22.40                           | \$589.99*      |
| <a href="#">Intel Xeon E5-1680 v4 @ 3.40GHz</a>  | 14,146                         | 537                       | 9.44                            | \$1,498.95*    |
| <a href="#">Intel Xeon E5-1681 v3 @ 2.90GHz</a>  | 14,820                         | 504                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2403 @ 1.80GHz</a>     | 2,280                          | 2061                      | 8.79                            | \$259.55       |
| <a href="#">Intel Xeon E5-2403 v2 @ 1.80GHz</a>  | 2,873                          | 1808                      | 5.31                            | \$541.00*      |
| <a href="#">Intel Xeon E5-2407 @ 2.20GHz</a>     | 2,729                          | 1856                      | 8.40                            | \$325.03       |
| <a href="#">Intel Xeon E5-2407 v2 @ 2.40GHz</a>  | 3,504                          | 1585                      | 23.44                           | \$149.50       |
| <a href="#">Intel Xeon E5-2418L @ 2.00GHz</a>    | 3,518                          | 1580                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2418L v2 @ 2.00GHz</a> | 5,380                          | 1239                      | 8.86                            | \$607.00*      |
| <a href="#">Intel Xeon E5-2420 @ 1.90GHz</a>     | 5,129                          | 1283                      | 33.09                           | \$155.00       |
| <a href="#">Intel Xeon E5-2420 v2 @ 2.20GHz</a>  | 6,317                          | 1090                      | 74.15                           | \$85.19        |
| <a href="#">Intel Xeon E5-2430 @ 2.20GHz</a>     | 5,670                          | 1190                      | 82.18                           | \$69.00        |
| <a href="#">Intel Xeon E5-2430 v2 @ 2.50GHz</a>  | 7,147                          | 969                       | 146.13                          | \$48.91        |
| <a href="#">Intel Xeon E5-2430L @ 2.00GHz</a>    | 5,273                          | 1260                      | 163.36                          | \$32.28*       |
| <a href="#">Intel Xeon E5-2430L v2 @ 2.40GHz</a> | 5,903                          | 1158                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2440 @ 2.40GHz</a>     | 5,900                          | 1160                      | 34.71                           | \$170.00       |
| <a href="#">Intel Xeon E5-2440 v2 @ 1.90GHz</a>  | 6,927                          | 1006                      | 11.46                           | \$604.50*      |
| <a href="#">Intel Xeon E5-2448L v2 @ 1.80GHz</a> | 6,774                          | 1033                      | 4.76                            | \$1,424.00*    |
| <a href="#">Intel Xeon E5-2450 @ 2.10GHz</a>     | 7,530                          | 919                       | 117.66                          | \$64.00        |
| <a href="#">Intel Xeon E5-2450 v2 @ 2.50GHz</a>  | 8,896                          | 802                       | 30.06                           | \$295.95       |
| <a href="#">Intel Xeon E5-2450L @ 1.80GHz</a>    | 5,880                          | 1165                      | 75.39                           | \$78.00*       |
| <a href="#">Intel Xeon E5-2470 @ 2.30GHz</a>     | 8,262                          | 851                       | 138.46                          | \$59.67        |

## CPU Benchmarks ▼

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2603 @ 1.80GHz</a>     | 2,302                          | 2000                      | 30.20                           | \$03.10        |
| <a href="#">Intel Xeon E5-2603 v2 @ 1.80GHz</a>  | 2,751                          | 1846                      | 51.89                           | \$53.02        |
| <a href="#">Intel Xeon E5-2603 v3 @ 1.60GHz</a>  | 3,752                          | 1532                      | 74.23                           | \$50.54        |
| <a href="#">Intel Xeon E5-2603 v4 @ 1.70GHz</a>  | 4,695                          | 1347                      | 25.46                           | \$184.45       |
| <a href="#">Intel Xeon E5-2608L v3 @ 2.00GHz</a> | 6,415                          | 1069                      | 14.55                           | \$441.00*      |
| <a href="#">Intel Xeon E5-2608L v4 @ 1.60GHz</a> | 7,447                          | 935                       | 20.51                           | \$363.00*      |
| <a href="#">Intel Xeon E5-2609 @ 2.40GHz</a>     | 2,623                          | 1896                      | 42.31                           | \$62.00        |
| <a href="#">Intel Xeon E5-2609 v2 @ 2.50GHz</a>  | 3,466                          | 1596                      | 70.74                           | \$49.00        |
| <a href="#">Intel Xeon E5-2609 v3 @ 1.90GHz</a>  | 4,423                          | 1391                      | 62.30                           | \$70.99        |
| <a href="#">Intel Xeon E5-2609 v4 @ 1.70GHz</a>  | 5,351                          | 1242                      | 16.99                           | \$314.95       |
| <a href="#">Intel Xeon E5-2618L v3 @ 2.30GHz</a> | 10,464                         | 702                       | 10.16                           | \$1,029.95*    |
| <a href="#">Intel Xeon E5-2618L v4 @ 2.20GHz</a> | 12,816                         | 604                       | 14.21                           | \$902.20*      |
| <a href="#">Intel Xeon E5-2620 @ 2.00GHz</a>     | 5,288                          | 1255                      | 99.74                           | \$53.02        |
| <a href="#">Intel Xeon E5-2620 v2 @ 2.10GHz</a>  | 6,253                          | 1098                      | 139.91                          | \$44.69        |
| <a href="#">Intel Xeon E5-2620 v3 @ 2.40GHz</a>  | 7,880                          | 887                       | 133.57                          | \$59.00        |
| <a href="#">Intel Xeon E5-2620 v4 @ 2.10GHz</a>  | 9,187                          | 785                       | 47.83                           | \$192.09       |
| <a href="#">Intel Xeon E5-2623 v3 @ 3.00GHz</a>  | 6,869                          | 1016                      | 26.94                           | \$254.96       |
| <a href="#">Intel Xeon E5-2623 v4 @ 2.60GHz</a>  | 6,923                          | 1009                      | 87.63                           | \$79.00        |
| <a href="#">Intel Xeon E5-2628 v3 @ 2.50GHz</a>  | 8,447                          | 834                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2628L v2 @ 1.90GHz</a> | 7,181                          | 965                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2628L v3 @ 2.00GHz</a> | 9,949                          | 738                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2628L v4 @ 1.90GHz</a> | 11,079                         | 671                       | 8.12                            | \$1,364.00*    |
| <a href="#">Intel Xeon E5-2629 v3 @ 2.40GHz</a>  | 9,139                          | 789                       | 18.28                           | \$499.88*      |
| <a href="#">Intel Xeon E5-2630 @ 2.30GHz</a>     | 6,131                          | 1121                      | 114.92                          | \$53.35        |
| <a href="#">Intel Xeon E5-2630 v2 @ 2.60GHz</a>  | 7,499                          | 924                       | 153.05                          | \$49.00        |
| <a href="#">Intel Xeon E5-2630 v3 @ 2.40GHz</a>  | 10,540                         | 698                       | 138.37                          | \$76.17        |
| <a href="#">Intel Xeon E5-2630 v4 @ 2.20GHz</a>  | 11,637                         | 643                       | 166.24                          | \$70.00        |
| <a href="#">Intel Xeon E5-2630L @ 2.00GHz</a>    | 5,305                          | 1250                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2630L v2 @ 2.40GHz</a> | 6,519                          | 1055                      | 78.49                           | \$83.06*       |
| <a href="#">Intel Xeon E5-2630L v3 @ 1.80GHz</a> | 8,915                          | 800                       | 112.84                          | \$79.00*       |
| <a href="#">Intel Xeon E5-2630L v4 @ 1.80GHz</a> | 10,864                         | 679                       | 110.86                          | \$98.00        |
| <a href="#">Intel Xeon E5-2637 @ 3.00GHz</a>     | 2,978                          | 1767                      | 37.69                           | \$79.00*       |
| <a href="#">Intel Xeon E5-2637 v2 @ 3.50GHz</a>  | 6,341                          | 1082                      | 69.02                           | \$91.87        |



## CPU Benchmarks





| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2637 v4 @ 2.50GHz</a>  | 7,201                          | 955                       | 55.54                           | \$150.00       |
| <a href="#">Intel Xeon E5-2640 @ 2.50GHz</a>     | 6,318                          | 1089                      | 126.36                          | \$50.00        |
| <a href="#">Intel Xeon E5-2640 v2 @ 2.00GHz</a>  | 7,785                          | 892                       | 172.96                          | \$45.01        |
| <a href="#">Intel Xeon E5-2640 v3 @ 2.60GHz</a>  | 11,319                         | 659                       | 191.85                          | \$59.00        |
| <a href="#">Intel Xeon E5-2640 v4 @ 2.40GHz</a>  | 11,831                         | 635                       | 27.50                           | \$430.19       |
| <a href="#">Intel Xeon E5-2643 @ 3.30GHz</a>     | 5,520                          | 1213                      | 38.60                           | \$143.00       |
| <a href="#">Intel Xeon E5-2643 v2 @ 3.50GHz</a>  | 9,073                          | 796                       | 22.46                           | \$403.96       |
| <a href="#">Intel Xeon E5-2643 v3 @ 3.40GHz</a>  | 10,444                         | 705                       | 26.78                           | \$389.99*      |
| <a href="#">Intel Xeon E5-2643 v4 @ 3.40GHz</a>  | 11,087                         | 668                       | 44.89                           | \$247.00       |
| <a href="#">Intel Xeon E5-2648L @ 1.80GHz</a>    | 4,235                          | 1430                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2648L v2 @ 1.90GHz</a> | 8,611                          | 821                       | 9.11                            | \$945.00*      |
| <a href="#">Intel Xeon E5-2648L v3 @ 1.80GHz</a> | 9,847                          | 747                       | 6.36                            | \$1,549.00*    |
| <a href="#">Intel Xeon E5-2648L v4 @ 1.80GHz</a> | 11,547                         | 647                       | 6.94                            | \$1,662.70*    |
| <a href="#">Intel Xeon E5-2649 v3 @ 2.30GHz</a>  | 12,399                         | 611                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2650 @ 2.00GHz</a>     | 7,328                          | 947                       | 149.55                          | \$49.00        |
| <a href="#">Intel Xeon E5-2650 v2 @ 2.60GHz</a>  | 9,997                          | 731                       | 138.84                          | \$72.00        |
| <a href="#">Intel Xeon E5-2650 v3 @ 2.30GHz</a>  | 11,781                         | 637                       | 131.12                          | \$89.85        |
| <a href="#">Intel Xeon E5-2650 v4 @ 2.20GHz</a>  | 13,839                         | 553                       | 74.81                           | \$184.99       |
| <a href="#">Intel Xeon E5-2650L @ 1.80GHz</a>    | 5,929                          | 1154                      | 120.99                          | \$49.00        |
| <a href="#">Intel Xeon E5-2650L v2 @ 1.70GHz</a> | 7,475                          | 927                       | 99.60                           | \$75.05        |
| <a href="#">Intel Xeon E5-2650L v3 @ 1.80GHz</a> | 11,806                         | 636                       | 8.65                            | \$1,365.00*    |
| <a href="#">Intel Xeon E5-2650L v4 @ 1.70GHz</a> | 11,436                         | 651                       | 95.31                           | \$119.99       |
| <a href="#">Intel Xeon E5-2651 v2 @ 1.80GHz</a>  | 9,216                          | 782                       | 33.14                           | \$278.10*      |
| <a href="#">Intel Xeon E5-2658 @ 2.10GHz</a>     | 6,073                          | 1131                      | 4.50                            | \$1,350.70*    |
| <a href="#">Intel Xeon E5-2658 v2 @ 2.40GHz</a>  | 10,331                         | 713                       | 2.87                            | \$3,604.00*    |
| <a href="#">Intel Xeon E5-2658 v3 @ 2.20GHz</a>  | 13,487                         | 565                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2658 v4 @ 2.30GHz</a>  | 14,434                         | 525                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2658A v3 @ 2.20GHz</a> | 14,879                         | 500                       | 8.12                            | \$1,832.00*    |
| <a href="#">Intel Xeon E5-2660 @ 2.20GHz</a>     | 8,104                          | 864                       | 165.38                          | \$49.00        |
| <a href="#">Intel Xeon E5-2660 v2 @ 2.20GHz</a>  | 10,562                         | 697                       | 163.22                          | \$64.71        |
| <a href="#">Intel Xeon E5-2660 v3 @ 2.60GHz</a>  | 13,272                         | 577                       | 102.08                          | \$130.01       |
| <a href="#">Intel Xeon E5-2660 v4 @ 2.00GHz</a>  | 16,085                         | 454                       | 64.74                           | \$248.45       |
| <a href="#">Intel Xeon E5-2663 v3 @ 2.80GHz</a>  | 11,777                         | 638                       | NA                              | NA             |

 CPU Benchmarks 



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2667 v3 @ 2.90GHz</a>  | 14,033                         | 433                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2667 @ 2.90GHz</a>     | 7,498                          | 926                       | 94.91                           | \$79.00        |
| <a href="#">Intel Xeon E5-2667 v2 @ 3.30GHz</a>  | 12,210                         | 620                       | 42.11                           | \$289.95       |
| <a href="#">Intel Xeon E5-2667 v3 @ 3.20GHz</a>  | 12,378                         | 614                       | 8.26                            | \$1,498.95*    |
| <a href="#">Intel Xeon E5-2667 v4 @ 3.20GHz</a>  | 13,934                         | 550                       | 19.12                           | \$728.95       |
| <a href="#">Intel Xeon E5-2669 v3 @ 2.30GHz</a>  | 16,107                         | 453                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2670 @ 2.60GHz</a>     | 8,958                          | 799                       | 126.17                          | \$71.00        |
| <a href="#">Intel Xeon E5-2670 v2 @ 2.50GHz</a>  | 11,470                         | 649                       | 145.18                          | \$79.00        |
| <a href="#">Intel Xeon E5-2670 v3 @ 2.30GHz</a>  | 13,920                         | 551                       | 121.05                          | \$115.00       |
| <a href="#">Intel Xeon E5-2673 v2 @ 3.30GHz</a>  | 12,128                         | 622                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2673 v3 @ 2.40GHz</a>  | 14,027                         | 543                       | 20.04                           | \$700.00*      |
| <a href="#">Intel Xeon E5-2673 v4 @ 2.30GHz</a>  | 19,868                         | 332                       | 10.19                           | \$1,950.00*    |
| <a href="#">Intel Xeon E5-2675 v3 @ 1.80GHz</a>  | 11,960                         | 632                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2676 v3 @ 2.40GHz</a>  | 14,537                         | 516                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2676 v4 @ 2.40GHz</a>  | 18,978                         | 359                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2678 v3 @ 2.50GHz</a>  | 14,638                         | 512                       | 137.84                          | \$106.19*      |
| <a href="#">Intel Xeon E5-2679 v4 @ 2.50GHz</a>  | 23,512                         | 229                       | 8.70                            | \$2,702.00*    |
| <a href="#">Intel Xeon E5-2680 @ 2.70GHz</a>     | 9,372                          | 767                       | 126.65                          | \$74.00        |
| <a href="#">Intel Xeon E5-2680 v2 @ 2.80GHz</a>  | 12,670                         | 607                       | 91.81                           | \$138.00       |
| <a href="#">Intel Xeon E5-2680 v3 @ 2.50GHz</a>  | 15,525                         | 475                       | 196.52                          | \$79.00        |
| <a href="#">Intel Xeon E5-2680 v4 @ 2.40GHz</a>  | 17,821                         | 394                       | 57.96                           | \$307.45       |
| <a href="#">Intel Xeon E5-2680R v4 @ 2.40GHz</a> | 16,865                         | 433                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2682 v4 @ 2.50GHz</a>  | 19,564                         | 339                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2683 v3 @ 2.00GHz</a>  | 15,050                         | 493                       | 33.45                           | \$449.95       |
| <a href="#">Intel Xeon E5-2683 v4 @ 2.10GHz</a>  | 17,074                         | 421                       | 43.29                           | \$394.45       |
| <a href="#">Intel Xeon E5-2685 v3 @ 2.60GHz</a>  | 12,944                         | 597                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2686 v3 @ 2.00GHz</a>  | 18,148                         | 387                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2686 v4 @ 2.30GHz</a>  | 16,745                         | 436                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2687W @ 3.10GHz</a>    | 9,930                          | 740                       | 51.72                           | \$192.00       |
| <a href="#">Intel Xeon E5-2687W v2 @ 3.40GHz</a> | 12,081                         | 626                       | 27.95                           | \$432.19       |
| <a href="#">Intel Xeon E5-2687W v3 @ 3.10GHz</a> | 14,784                         | 506                       | 23.65                           | \$625.00       |
| <a href="#">Intel Xeon E5-2687W v4 @ 3.00GHz</a> | 17,501                         | 407                       | 17.95                           | \$975.10       |
| <a href="#">Intel Xeon E5-2689 @ 2.60GHz</a>     | 9,771                          | 750                       | 53.47                           | \$182.75*      |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Xeon E5-2690 @ 2.90GHz</a>   | 9,012                          | 149                       | 00.42                           | \$122.00       |
| <a href="#">Intel Xeon E5-2690 v2 @ 3.00GHz</a>  | 13,526                         | 563                       | 140.91                          | \$95.99        |
| <a href="#">Intel Xeon E5-2690 v3 @ 2.60GHz</a>  | 16,501                         | 439                       | 75.54                           | \$218.45       |
| <a href="#">Intel Xeon E5-2690 v4 @ 2.60GHz</a>  | 20,067                         | 327                       | 41.68                           | \$481.45       |
| <a href="#">Intel Xeon E5-2692 v2 @ 2.20GHz</a>  | 12,119                         | 623                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2695 v2 @ 2.40GHz</a>  | 13,453                         | 568                       | 75.58                           | \$178.00       |
| <a href="#">Intel Xeon E5-2695 v3 @ 2.30GHz</a>  | 16,455                         | 441                       | 74.73                           | \$220.19       |
| <a href="#">Intel Xeon E5-2695 v4 @ 2.10GHz</a>  | 19,484                         | 344                       | 32.91                           | \$592.10       |
| <a href="#">Intel Xeon E5-2696 v2 @ 2.50GHz</a>  | 14,360                         | 529                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2696 v3 @ 2.30GHz</a>  | 23,734                         | 220                       | 9.50                            | \$2,498.00*    |
| <a href="#">Intel Xeon E5-2696 v4 @ 2.20GHz</a>  | 25,443                         | 189                       | 9.12                            | \$2,790.00     |
| <a href="#">Intel Xeon E5-2697 v2 @ 2.70GHz</a>  | 14,169                         | 535                       | 89.06                           | \$159.10       |
| <a href="#">Intel Xeon E5-2697 v3 @ 2.60GHz</a>  | 19,276                         | 350                       | 96.89                           | \$198.94       |
| <a href="#">Intel Xeon E5-2697 v4 @ 2.30GHz</a>  | 21,125                         | 293                       | 43.16                           | \$489.45       |
| <a href="#">Intel Xeon E5-2697A v4 @ 2.60GHz</a>   | 21,665                         | 282                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2697R v4 @ 2.30GHz</a>   | 20,843                         | 302                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2698 v3 @ 2.30GHz</a>  | 18,489                         | 373                       | 25.33                           | \$729.95*      |
| <a href="#">Intel Xeon E5-2698 v4 @ 2.20GHz</a>  | 21,996                         | 273                       | 24.21                           | \$908.70*      |
| <a href="#">Intel Xeon E5-2698R v4 @ 2.20GHz</a>   | 25,605                         | 185                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2699 v3 @ 2.30GHz</a>  | 20,365                         | 315                       | 37.72                           | \$539.95       |
| <a href="#">Intel Xeon E5-2699 v4 @ 2.20GHz</a>  | 25,070                         | 194                       | 4.21                            | \$5,957.96*    |
| <a href="#">Intel Xeon E5-2699A v4 @ 2.40GHz</a>   | 14,917                         | 498                       | 3.02                            | \$4,938.00*    |
| <a href="#">Intel Xeon E5-2699C v4 @ 2.20GHz</a>   | 20,079                         | 325                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-4603 @ 2.00GHz</a>   | 3,391                          | 1617                      | 25.65                           | \$132.19       |
| <a href="#">Intel Xeon E5-4607 v2 @ 2.60GHz</a>  | 6,986                          | 996                       | 95.96                           | \$72.80*       |
| <a href="#">Intel Xeon E5-4610 @ 2.40GHz</a>   | 6,460                          | 1063                      | 30.02                           | \$215.19       |
| <a href="#">Intel Xeon E5-4610 v3 @ 1.70GHz</a>  | 7,229                          | 960                       | 5.93                            | \$1,219.00*    |
| <a href="#">Intel Xeon E5-4617 @ 2.90GHz</a>   | 6,298                          | 1096                      | 175.52                          | \$35.88*       |
| <a href="#">Intel Xeon E5-4620 @ 2.20GHz</a>   | 6,830                          | 1023                      | 114.04                          | \$59.89        |
| <a href="#">Intel Xeon E5-4620 v2 @ 2.60GHz</a>  | 9,540                          | 759                       | 104.83                          | \$91.00*       |
| <a href="#">Intel Xeon E5-4620 v3 @ 2.00GHz</a>  | 10,525                         | 700                       | 300.56                          | \$35.02*       |
| <a href="#">Intel Xeon E5-4627 v2 @ 3.30GHz</a>  | 9,320                          | 774                       | 18.68                           | \$498.95*      |
| <a href="#">Intel Xeon E5-4627 v3 @ 2.60GHz</a>  | 11,344                         | 656                       | 4.73                            | \$2,400.00*    |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-4640 @ 2.40GHz</a>     | 7,012                          | 809                       | 119.10                          | \$90.04        |
| <a href="#">Intel Xeon E5-4640 v3 @ 1.90GHz</a>  | 10,372                         | 709                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-4648 v3 @ 1.70GHz</a>  | 9,061                          | 797                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-4650 @ 2.70GHz</a>     | 8,630                          | 820                       | 110.38                          | \$78.19        |
| <a href="#">Intel Xeon E5-4650 v2 @ 2.40GHz</a>  | 10,535                         | 699                       | 21.11                           | \$498.95*      |
| <a href="#">Intel Xeon E5-4650 v3 @ 2.10GHz</a>  | 10,838                         | 681                       | 2.82                            | \$3,838.00*    |
| <a href="#">Intel Xeon E5-4650L @ 2.60GHz</a>    | 8,472                          | 832                       | 143.91                          | \$58.87        |
| <a href="#">Intel Xeon E5-4655 v3 @ 2.90GHz</a>  | 9,377                          | 766                       | 2.03                            | \$4,616.00*    |
| <a href="#">Intel Xeon E5-4657L v2 @ 2.40GHz</a> | 11,353                         | 654                       | 15.11                           | \$751.19*      |
| <a href="#">Intel Xeon E5-4660 v3 @ 2.10GHz</a>  | 14,256                         | 534                       | 2.97                            | \$4,800.00*    |
| <a href="#">Intel Xeon E5-4667 v3 @ 2.00GHz</a>  | 15,397                         | 479                       | 2.69                            | \$5,729.00*    |
| <a href="#">Intel Xeon E5-4669 v3 @ 2.10GHz</a>  | 17,430                         | 409                       | 3.23                            | \$5,400.00*    |
| <a href="#">Intel Xeon E5-4669 v4 @ 2.20GHz</a>  | 11,523                         | 648                       | NA                              | NA             |
| <a href="#">Intel Xeon E7-8880 v3 @ 2.30GHz</a>  | 18,244                         | 383                       | 137.17                          | \$133.00*      |
| <a href="#">Intel Xeon E7- 2830 @ 2.13GHz</a>    | 2,027                          | 2196                      | 1.14                            | \$1,779.00*    |
| <a href="#">Intel Xeon E3110 @ 3.00GHz</a>       | 1,242                          | 2710                      | 6.21                            | \$199.95*      |
| <a href="#">Intel Xeon E3113 @ 3.00GHz</a>       | 1,429                          | 2578                      | 145.96                          | \$9.79*        |
| <a href="#">Intel Xeon E3120 @ 3.16GHz</a>       | 1,408                          | 2594                      | NA                              | NA             |
| <a href="#">Intel Xeon E5205 @ 1.86GHz</a>       | 838                            | 3086                      | 58.75                           | \$14.27*       |
| <a href="#">Intel Xeon E5240 @ 3.00GHz</a>       | 1,448                          | 2562                      | 16.32                           | \$88.78*       |
| <a href="#">Intel Xeon E5310 @ 1.60GHz</a>       | 1,306                          | 2663                      | 26.65                           | \$49.00*       |
| <a href="#">Intel Xeon E5320 @ 1.86GHz</a>       | 1,469                          | 2554                      | 37.91                           | \$38.75*       |
| <a href="#">Intel Xeon E5335 @ 2.00GHz</a>       | 1,549                          | 2493                      | 87.15                           | \$17.77*       |
| <a href="#">Intel Xeon E5345 @ 2.33GHz</a>       | 1,868                          | 2290                      | 46.71                           | \$39.99*       |
| <a href="#">Intel Xeon E5405 @ 2.00GHz</a>       | 1,702                          | 2399                      | 7.30                            | \$233.25*      |
| <a href="#">Intel Xeon E5410 @ 2.33GHz</a>       | 1,878                          | 2284                      | 175.68                          | \$10.69*       |
| <a href="#">Intel Xeon E5420 @ 2.50GHz</a>       | 1,991                          | 2213                      | 7.97                            | \$249.95*      |
| <a href="#">Intel Xeon E5430 @ 2.66GHz</a>       | 2,210                          | 2104                      | 9.61                            | \$229.95*      |
| <a href="#">Intel Xeon E5440 @ 2.83GHz</a>       | 2,351                          | 2015                      | 61.90                           | \$37.99*       |
| <a href="#">Intel Xeon E5450 @ 3.00GHz</a>       | 2,484                          | 1951                      | 67.15                           | \$36.99*       |
| <a href="#">Intel Xeon E5462 @ 2.80GHz</a>       | 2,067                          | 2176                      | 8.80                            | \$235.00       |
| <a href="#">Intel Xeon E5472 @ 3.00GHz</a>       | 2,441                          | 1968                      | 121.79                          | \$20.04*       |
| <a href="#">Intel Xeon E5502 @ 1.87GHz</a>       | 837                            | 3087                      | 10.46                           | \$80.00        |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Xeon E5504 @ 2.00GHz</a>   | 1,319                          | 2312                      | 31.01                           | \$49.00        |
| <a href="#">Intel Xeon E5506 @ 2.13GHz</a>   | 1,946                          | 2238                      | 21.62                           | \$90.00        |
| <a href="#">Intel Xeon E5507 @ 2.27GHz</a>   | 1,928                          | 2250                      | 19.28                           | \$100.00       |
| <a href="#">Intel Xeon E5520 @ 2.27GHz</a>   | 2,505                          | 1944                      | 34.51                           | \$72.59        |
| <a href="#">Intel Xeon E5530 @ 2.40GHz</a>   | 2,624                          | 1895                      | 87.48                           | \$29.99        |
| <a href="#">Intel Xeon E5540 @ 2.53GHz</a>   | 2,738                          | 1853                      | 37.83                           | \$72.38        |
| <a href="#">Intel Xeon E5603 @ 1.60GHz</a>   | 1,935                          | 2245                      | 20.32                           | \$95.19        |
| <a href="#">Intel Xeon E5606 @ 2.13GHz</a>   | 2,326                          | 2030                      | 10.92                           | \$213.00       |
| <a href="#">Intel Xeon E5607 @ 2.27GHz</a>   | 2,686                          | 1871                      | 36.99                           | \$72.63        |
| <a href="#">Intel Xeon E5620 @ 2.40GHz</a>   | 3,524                          | 1579                      | 101.03                          | \$34.88        |
| <a href="#">Intel Xeon E5630 @ 2.53GHz</a>   | 3,726                          | 1535                      | 23.14                           | \$161.00       |
| <a href="#">Intel Xeon E5640 @ 2.67GHz</a>   | 3,848                          | 1508                      | 60.12                           | \$64.00        |
| <a href="#">Intel Xeon E5645 @ 2.40GHz</a>   | 4,955                          | 1311                      | 123.91                          | \$39.99        |
| <a href="#">Intel Xeon E5649 @ 2.53GHz</a>   | 5,229                          | 1269                      | 71.99                           | \$72.63        |
| <a href="#">Intel Xeon E7320 @ 2.13GHz</a>   | 1,469                          | 2552                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2104G @ 3.20GHz</a>   | 6,057                          | 1137                      | 11.88                           | \$510.00*      |
| <a href="#">Intel Xeon E-2124 @ 3.30GHz</a>  | 6,992                          | 993                       | 60.89                           | \$114.84       |
| <a href="#">Intel Xeon E-2124G @ 3.40GHz</a>   | 7,468                          | 929                       | 31.12                           | \$239.99       |
| <a href="#">Intel Xeon E-2126G @ 3.30GHz</a>   | 10,747                         | 690                       | 33.43                           | \$321.52*      |
| <a href="#">Intel Xeon E-2134 @ 3.50GHz</a>  | 8,741                          | 812                       | 31.33                           | \$278.99       |
| <a href="#">Intel Xeon E-2136 @ 3.30GHz</a>  | 13,274                         | 576                       | 41.61                           | \$318.99       |
| <a href="#">Intel Xeon E-2144G @ 3.60GHz</a>   | 9,322                          | 773                       | 30.95                           | \$301.17*      |
| <a href="#">Intel Xeon E-2146G @ 3.50GHz</a>   | 13,356                         | 574                       | 37.41                           | \$356.99       |
| <a href="#">Intel Xeon E-2174G @ 3.80GHz</a>   | 9,559                          | 758                       | 27.31                           | \$349.99*      |
| <a href="#">Intel Xeon E-2176G @ 3.70GHz</a>   | 13,646                         | 559                       | 36.88                           | \$369.99       |
| <a href="#">Intel Xeon E-2176M @ 2.70GHz</a>   | 11,040                         | 674                       | 24.53                           | \$450.00*      |
| <a href="#">Intel Xeon E-2186G @ 3.80GHz</a>   | 13,940                         | 549                       | 25.68                           | \$542.78*      |
| <a href="#">Intel Xeon E-2186M @ 2.90GHz</a>   | 11,318                         | 660                       | 18.17                           | \$623.00*      |
| <a href="#">Intel Xeon E-2224 @ 3.40GHz</a>  | 7,223                          | 961                       | 27.57                           | \$262.01*      |
| <a href="#">Intel Xeon E-2224G @ 3.50GHz</a>   | 7,621                          | 909                       | 28.43                           | \$268.02*      |
| <a href="#">Intel Xeon E-2226G @ 3.40GHz</a>   | 11,036                         | 675                       | 29.90                           | \$369.11       |
| <a href="#">Intel Xeon E-2234 @ 3.60GHz</a>  | 9,903                          | 743                       | 33.57                           | \$294.99*      |
| <a href="#">Intel Xeon E-2236 @ 3.40GHz</a>  | 14,316                         | 531                       | 34.09                           | \$419.95*      |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E-2240G @ 3.00GHz</a>    | 14,030                         | 342                       | 43.10                           | \$311.00       |
| <a href="#">Intel Xeon E-2254ML @ 1.70GHz</a>   | 6,333                          | 1085                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2274G @ 4.00GHz</a>    | 9,660                          | 755                       | 23.48                           | \$411.50*      |
| <a href="#">Intel Xeon E-2276G @ 3.80GHz</a>    | 13,371                         | 573                       | 29.05                           | \$460.29*      |
| <a href="#">Intel Xeon E-2276M @ 2.80GHz</a>    | 11,835                         | 634                       | 26.30                           | \$450.00*      |
| <a href="#">Intel Xeon E-2276ME @ 2.80GHz</a>   | 8,167                          | 858                       | 18.15                           | \$450.00*      |
| <a href="#">Intel Xeon E-2278G @ 3.40GHz</a>    | 16,884                         | 431                       | 34.18                           | \$494.00*      |
| <a href="#">Intel Xeon E-2278GE @ 3.30GHz</a>   | 15,252                         | 483                       | 30.88                           | \$494.00*      |
| <a href="#">Intel Xeon E-2278GEL @ 2.00GHz</a>  | 12,024                         | 630                       | 24.34                           | \$494.00*      |
| <a href="#">Intel Xeon E-2286G @ 4.00GHz</a>    | 13,682                         | 558                       | 22.24                           | \$615.17       |
| <a href="#">Intel Xeon E-2286M @ 2.40GHz</a>    | 15,220                         | 485                       | 11.08                           | \$1,373.18*    |
| <a href="#">Intel Xeon E-2288G @ 3.70GHz</a>    | 17,401                         | 410                       | 32.28                           | \$539.00*      |
| <a href="#">Intel Xeon E-2314 @ 2.80GHz</a>     | 8,091                          | 865                       | 41.49                           | \$195.00*      |
| <a href="#">Intel Xeon E-2334 @ 3.40GHz</a>     | 13,189                         | 583                       | 44.86                           | \$293.99       |
| <a href="#">Intel Xeon E-2336 @ 2.90GHz</a>     | 17,014                         | 426                       | 47.26                           | \$359.99       |
| <a href="#">Intel Xeon E-2356G @ 3.20GHz</a>    | 19,280                         | 349                       | 57.90                           | \$333.00*      |
| <a href="#">Intel Xeon E-2374G @ 3.70GHz</a>    | 14,086                         | 539                       | 35.22                           | \$399.99       |
| <a href="#">Intel Xeon E-2378 @ 2.60GHz</a>     | 17,789                         | 399                       | 46.09                           | \$386.00*      |
| <a href="#">Intel Xeon E-2378G @ 2.80GHz</a>    | 22,755                         | 249                       | 42.93                           | \$530.00*      |
| <a href="#">Intel Xeon E-2386G @ 3.50GHz</a>    | 20,194                         | 322                       | 41.90                           | \$482.00*      |
| <a href="#">Intel Xeon E-2388G @ 3.20GHz</a>    | 23,785                         | 218                       | 44.13                           | \$539.00*      |
| <a href="#">Intel Xeon Gold 5115 @ 2.40GHz</a>  | 14,007                         | 545                       | 11.70                           | \$1,197.00     |
| <a href="#">Intel Xeon Gold 5117 @ 2.00GHz</a>  | 15,816                         | 462                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5118 @ 2.30GHz</a>  | 16,237                         | 450                       | 32.54                           | \$499.00       |
| <a href="#">Intel Xeon Gold 5120 @ 2.20GHz</a>  | 17,686                         | 401                       | 11.33                           | \$1,561.00*    |
| <a href="#">Intel Xeon Gold 5120T @ 2.20GHz</a> | 18,127                         | 389                       | 10.50                           | \$1,727.00*    |
| <a href="#">Intel Xeon Gold 5122 @ 3.60GHz</a>  | 8,786                          | 809                       | 6.74                            | \$1,303.98     |
| <a href="#">Intel Xeon Gold 5215 @ 2.50GHz</a>  | 15,420                         | 477                       | 11.91                           | \$1,295.20     |
| <a href="#">Intel Xeon Gold 5217 @ 3.00GHz</a>  | 15,429                         | 476                       | 9.38                            | \$1,645.00*    |
| <a href="#">Intel Xeon Gold 5218 @ 2.30GHz</a>  | 22,117                         | 267                       | 20.38                           | \$1,085.00     |
| <a href="#">Intel Xeon Gold 5218R @ 2.10GHz</a> | 25,190                         | 193                       | 20.98                           | \$1,200.80     |
| <a href="#">Intel Xeon Gold 5220 @ 2.20GHz</a>  | 25,740                         | 184                       | 15.43                           | \$1,667.99     |
| <a href="#">Intel Xeon Gold 5220R @ 2.20GHz</a> | 33,370                         | 102                       | 20.04                           | \$1,665.00     |

## CPU Benchmarks





| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Gold 5315Y @ 3.20GHz</a> | 20,124                         | 304                       | 12.00                           | \$1,303.00     |
| <a href="#">Intel Xeon Gold 5317 @ 3.00GHz</a>  | 28,580                         | 145                       | 27.97                           | \$1,022.00     |
| <a href="#">Intel Xeon Gold 5318Y @ 2.10GHz</a> | 27,422                         | 161                       | 20.15                           | \$1,361.00*    |
| <a href="#">Intel Xeon Gold 6126 @ 2.60GHz</a>  | 19,223                         | 353                       | 32.43                           | \$592.69       |
| <a href="#">Intel Xeon Gold 6128 @ 3.40GHz</a>  | 14,273                         | 533                       | 13.84                           | \$1,031.00     |
| <a href="#">Intel Xeon Gold 6130 @ 2.10GHz</a>  | 20,721                         | 305                       | 12.92                           | \$1,604.00     |
| <a href="#">Intel Xeon Gold 6130T @ 2.10GHz</a> | 21,804                         | 278                       | 4.36                            | \$4,999.00     |
| <a href="#">Intel Xeon Gold 6132 @ 2.60GHz</a>  | 21,808                         | 277                       | 10.73                           | \$2,032.00     |
| <a href="#">Intel Xeon Gold 6133 @ 2.50GHz</a>  | 1,172                          | 2770                      | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6134 @ 3.20GHz</a>  | 16,518                         | 438                       | 12.24                           | \$1,349.00     |
| <a href="#">Intel Xeon Gold 6136 @ 3.00GHz</a>  | 22,266                         | 261                       | 9.69                            | \$2,296.99     |
| <a href="#">Intel Xeon Gold 6137 @ 3.90GHz</a>  | 19,365                         | 347                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6138 @ 2.00GHz</a>  | 20,666                         | 308                       | 14.15                           | \$1,460.01     |
| <a href="#">Intel Xeon Gold 6138T @ 2.00GHz</a> | 24,800                         | 200                       | 7.78                            | \$3,188.73     |
| <a href="#">Intel Xeon Gold 6140 @ 2.30GHz</a>  | 22,733                         | 251                       | 22.76                           | \$999.00       |
| <a href="#">Intel Xeon Gold 6143 @ 2.80GHz</a>  | 24,786                         | 201                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6144 @ 3.50GHz</a>  | 18,656                         | 369                       | 13.77                           | \$1,355.00     |
| <a href="#">Intel Xeon Gold 6146 @ 3.20GHz</a>  | 23,432                         | 232                       | 8.79                            | \$2,665.00     |
| <a href="#">Intel Xeon Gold 6148 @ 2.40GHz</a>  | 29,147                         | 138                       | 10.45                           | \$2,789.98     |
| <a href="#">Intel Xeon Gold 6150 @ 2.70GHz</a>  | 24,489                         | 207                       | 11.58                           | \$2,115.25     |
| <a href="#">Intel Xeon Gold 6152 @ 2.10GHz</a>  | 23,124                         | 239                       | 10.45                           | \$2,213.02     |
| <a href="#">Intel Xeon Gold 6154 @ 3.00GHz</a>  | 28,848                         | 142                       | 10.01                           | \$2,882.00     |
| <a href="#">Intel Xeon Gold 6208U @ 2.90GHz</a> | 26,901                         | 167                       | 19.08                           | \$1,410.04     |
| <a href="#">Intel Xeon Gold 6210U @ 2.50GHz</a> | 28,915                         | 141                       | 20.33                           | \$1,422.52     |
| <a href="#">Intel Xeon Gold 6212U @ 2.40GHz</a> | 27,470                         | 159                       | 13.73                           | \$2,000.00*    |
| <a href="#">Intel Xeon Gold 6226 @ 2.70GHz</a>  | 19,810                         | 335                       | 12.07                           | \$1,641.90*    |
| <a href="#">Intel Xeon Gold 6226R @ 2.90GHz</a> | 27,406                         | 162                       | 22.80                           | \$1,202.00     |
| <a href="#">Intel Xeon Gold 6230 @ 2.10GHz</a>  | 26,657                         | 171                       | 14.03                           | \$1,900.00     |
| <a href="#">Intel Xeon Gold 6230R @ 2.10GHz</a> | 33,733                         | 101                       | 19.09                           | \$1,767.00     |
| <a href="#">Intel Xeon Gold 6238 @ 2.10GHz</a>  | 27,617                         | 157                       | 10.63                           | \$2,598.99     |
| <a href="#">Intel Xeon Gold 6238R @ 2.20GHz</a> | 37,511                         | 82                        | 13.47                           | \$2,785.53     |
| <a href="#">Intel Xeon Gold 6242 @ 2.80GHz</a>  | 26,288                         | 179                       | 9.39                            | \$2,799.17     |
| <a href="#">Intel Xeon Gold 6242R @ 3.10GHz</a> | 35,356                         | 89                        | 14.14                           | \$2,500.87     |

## CPU Benchmarks ▼

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Gold 6240 @ 3.30GHz</a>   | 24,440                         | 200                       | 7.00                            | \$3,110.22     |
| <a href="#">Intel Xeon Gold 6246R @ 3.40GHz</a>  | 30,220                         | 129                       | 8.97                            | \$3,369.00     |
| <a href="#">Intel Xeon Gold 6248 @ 2.50GHz</a>   | 24,234                         | 209                       | 10.54                           | \$2,300.25     |
| <a href="#">Intel Xeon Gold 6248R @ 3.00GHz</a>  | 38,604                         | 78                        | 14.88                           | \$2,595.00     |
| <a href="#">Intel Xeon Gold 6250 @ 3.90GHz</a>   | 20,915                         | 300                       | 5.51                            | \$3,796.44     |
| <a href="#">Intel Xeon Gold 6252 @ 2.10GHz</a>   | 27,148                         | 165                       | 8.10                            | \$3,350.00     |
| <a href="#">Intel Xeon Gold 6253CL @ 3.10GHz</a> | 28,549                         | 146                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6254 @ 3.10GHz</a>   | 29,356                         | 137                       | 8.38                            | \$3,502.00*    |
| <a href="#">Intel Xeon Gold 6278C @ 2.60GHz</a>  | 32,835                         | 108                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6312U @ 2.40GHz</a>  | 43,745                         | 56                        | 24.17                           | \$1,809.59*    |
| <a href="#">Intel Xeon Gold 6314U @ 2.30GHz</a>  | 51,014                         | 39                        | 18.34                           | \$2,782.00*    |
| <a href="#">Intel Xeon Gold 6326 @ 2.90GHz</a>   | 35,328                         | 90                        | 22.42                           | \$1,575.71*    |
| <a href="#">Intel Xeon Gold 6330 @ 2.00GHz</a>   | 43,056                         | 57                        | 26.11                           | \$1,649.00     |
| <a href="#">Intel Xeon Gold 6334 @ 3.60GHz</a>   | 22,160                         | 265                       | 8.05                            | \$2,751.29*    |
| <a href="#">Intel Xeon Gold 6336Y @ 2.40GHz</a>  | 45,517                         | 53                        | 15.93                           | \$2,857.95*    |
| <a href="#">Intel Xeon Gold 6338N @ 2.20GHz</a>  | 46,583                         | 48                        | 9.97                            | \$4,671.69*    |
| <a href="#">Intel Xeon Gold 6342 @ 2.80GHz</a>   | 48,330                         | 45                        | 14.77                           | \$3,272.00     |
| <a href="#">Intel Xeon Gold 6346 @ 3.10GHz</a>   | 37,606                         | 80                        | 19.11                           | \$1,968.00     |
| <a href="#">Intel Xeon Gold 6348 @ 2.60GHz</a>   | 52,276                         | 36                        | 18.67                           | \$2,799.99     |
| <a href="#">Intel Xeon Gold 6354 @ 3.00GHz</a>   | 41,434                         | 63                        | 15.02                           | \$2,757.99*    |
| <a href="#">Intel Xeon L3110 @ 3.00GHz</a>       | 1,338                          | 2637                      | NA                              | NA             |
| <a href="#">Intel Xeon L3360 @ 2.83GHz</a>       | 2,306                          | 2043                      | 25.84                           | \$89.23*       |
| <a href="#">Intel Xeon L3406 @ 2.27GHz</a>       | 928                            | 3005                      | 3.59                            | \$258.19       |
| <a href="#">Intel Xeon L3426 @ 1.87GHz</a>       | 2,590                          | 1906                      | 11.41                           | \$227.00       |
| <a href="#">Intel Xeon L5240 @ 3.00GHz</a>       | 1,337                          | 2638                      | 42.57                           | \$31.40*       |
| <a href="#">Intel Xeon L5310 @ 1.60GHz</a>       | 1,385                          | 2608                      | 12.31                           | \$112.50*      |
| <a href="#">Intel Xeon L5320 @ 1.86GHz</a>       | 1,118                          | 2819                      | 15.97                           | \$69.99*       |
| <a href="#">Intel Xeon L5335 @ 2.00GHz</a>       | 1,678                          | 2414                      | 89.29                           | \$18.79*       |
| <a href="#">Intel Xeon L5408 @ 2.13GHz</a>       | 1,761                          | 2360                      | NA                              | NA             |
| <a href="#">Intel Xeon L5410 @ 2.33GHz</a>       | 1,921                          | 2254                      | 19.19                           | \$100.08*      |
| <a href="#">Intel Xeon L5420 @ 2.50GHz</a>       | 2,064                          | 2178                      | 75.06                           | \$27.50*       |
| <a href="#">Intel Xeon L5430 @ 2.66GHz</a>       | 2,260                          | 2077                      | 9.58                            | \$236.00       |
| <a href="#">Intel Xeon L5520 @ 2.27GHz</a>       | 2,238                          | 2091                      | 45.67                           | \$49.00        |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Xeon L5609 @ 1.87GHz</a>   | 3,290                          | 1040                      | NA                              | NA             |
| <a href="#">Intel Xeon L5630 @ 2.13GHz</a>   | 2,985                          | 1763                      | 30.41                           | \$98.15        |
| <a href="#">Intel Xeon L5638 @ 2.00GHz</a>   | 3,707                          | 1541                      | 53.03                           | \$69.90*       |
| <a href="#">Intel Xeon L5639 @ 2.13GHz</a>   | 4,419                          | 1392                      | NA                              | NA             |
| <a href="#">Intel Xeon L5640 @ 2.27GHz</a>   | 4,626                          | 1358                      | 63.69                           | \$72.63        |
| <a href="#">Intel Xeon L7455 @ 2.13GHz</a>   | 2,494                          | 1949                      | NA                              | NA             |
| <a href="#">Intel Xeon MV 3.20GHz</a>  | 582                            | 3366                      | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8124M @ 3.00GHz</a>  | 24,727                         | 203                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8151 @ 3.40GHz</a>   | 6,591                          | 1045                      | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8160 @ 2.10GHz</a>   | 26,485                         | 174                       | 11.28                           | \$2,348.70     |
| <a href="#">Intel Xeon Platinum 8167M @ 2.00GHz</a>  | 25,396                         | 191                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8168 @ 2.70GHz</a>   | 32,616                         | 110                       | 5.35                            | \$6,097.00     |
| <a href="#">Intel Xeon Platinum 8171M @ 2.60GHz</a>  | 30,632                         | 124                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8173M @ 2.00GHz</a>  | 27,377                         | 163                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8175M @ 2.50GHz</a>  | 26,659                         | 170                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8176 @ 2.10GHz</a>   | 23,179                         | 237                       | 8.30                            | \$2,793.70*    |
| <a href="#">Intel Xeon Platinum 8180 @ 2.50GHz</a>   | 35,208                         | 91                        | 5.81                            | \$6,061.06     |
| <a href="#">Intel Xeon Platinum 8259CL @ 2.50GHz</a>   | 33,279                         | 104                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8260M @ 2.30GHz</a>  | 33,970                         | 98                        | 4.41                            | \$7,705.00*    |
| <a href="#">Intel Xeon Platinum 8268 @ 2.90GHz</a>   | 30,103                         | 133                       | 5.01                            | \$6,005.98*    |
| <a href="#">Intel Xeon Platinum 8275CL @ 3.00GHz</a>   | 40,794                         | 68                        | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8280 @ 2.70GHz</a>   | 37,575                         | 81                        | 3.80                            | \$9,895.44*    |
| <a href="#">Intel Xeon Platinum 8347C @ 2.10GHz</a>  | 49,386                         | 42                        | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8358 @ 2.60GHz</a>   | 54,416                         | 34                        | 10.67                           | \$5,097.75*    |
| <a href="#">Intel Xeon Platinum 8375C @ 2.90GHz</a>  | 51,836                         | 37                        | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8380 @ 2.30GHz</a>   | 62,318                         | 22                        | 6.94                            | \$8,978.00*    |
| <a href="#">Intel Xeon Platinum P-8124 @ 3.00GHz</a>   | 22,674                         | 254                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4108 @ 1.80GHz</a>   | 9,262                          | 779                       | 22.90                           | \$404.45       |
| <a href="#">Intel Xeon Silver 4109T @ 2.00GHz</a>  | 10,348                         | 712                       | 17.04                           | \$607.22*      |
| <a href="#">Intel Xeon Silver 4110 @ 2.10GHz</a>   | 10,191                         | 721                       | 19.98                           | \$510.00       |
| <a href="#">Intel Xeon Silver 4112 @ 2.60GHz</a>   | 6,420                          | 1068                      | 28.41                           | \$226.00       |
| <a href="#">Intel Xeon Silver 4114 @ 2.20GHz</a>   | 12,852                         | 600                       | 18.10                           | \$710.00       |
| <a href="#">Intel Xeon Silver 4116 @ 2.10GHz</a>   | 14,931                         | 497                       | 38.29                           | \$389.99       |

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Silver 4123 @ 3.00GHz</a>  | 14,400                         | 520                       | N/A                             | N/A            |
| <a href="#">Intel Xeon Silver 4208 @ 2.10GHz</a>  | 11,148                         | 666                       | 22.47                           | \$496.23       |
| <a href="#">Intel Xeon Silver 4210 @ 2.20GHz</a>  | 14,164                         | 536                       | 30.46                           | \$465.00       |
| <a href="#">Intel Xeon Silver 4210R @ 2.40GHz</a> | 15,155                         | 489                       | 30.18                           | \$502.10       |
| <a href="#">Intel Xeon Silver 4214 @ 2.20GHz</a>  | 15,772                         | 464                       | 23.35                           | \$675.50       |
| <a href="#">Intel Xeon Silver 4214R @ 2.40GHz</a> | 18,130                         | 388                       | 25.19                           | \$719.75       |
| <a href="#">Intel Xeon Silver 4214Y @ 2.20GHz</a> | 15,248                         | 484                       | 19.85                           | \$768.00*      |
| <a href="#">Intel Xeon Silver 4215 @ 2.50GHz</a>  | 14,439                         | 523                       | 21.20                           | \$681.11       |
| <a href="#">Intel Xeon Silver 4215R @ 3.20GHz</a> | 15,056                         | 492                       | 18.36                           | \$820.00       |
| <a href="#">Intel Xeon Silver 4216 @ 2.10GHz</a>  | 20,069                         | 326                       | 21.02                           | \$955.00       |
| <a href="#">Intel Xeon Silver 4309Y @ 2.80GHz</a> | 19,011                         | 358                       | 25.01                           | \$759.99       |
| <a href="#">Intel Xeon Silver 4310 @ 2.10GHz</a>  | 23,589                         | 224                       | 41.37                           | \$570.17       |
| <a href="#">Intel Xeon Silver 4310T @ 2.30GHz</a> | 20,973                         | 296                       | 26.75                           | \$783.99*      |
| <a href="#">Intel Xeon Silver 4314 @ 2.40GHz</a>  | 30,043                         | 134                       | 39.51                           | \$760.30       |
| <a href="#">Intel Xeon Silver 4316 @ 2.30GHz</a>  | 37,264                         | 84                        | 34.44                           | \$1,082.00     |
| <a href="#">Intel Xeon W3503 @ 2.40GHz</a>        | 1,065                          | 2871                      | 106.61                          | \$9.99*        |
| <a href="#">Intel Xeon W3505 @ 2.53GHz</a>        | 1,142                          | 2796                      | 76.86                           | \$14.86*       |
| <a href="#">Intel Xeon W3520 @ 2.67GHz</a>        | 2,798                          | 1831                      | 47.42                           | \$59.00*       |
| <a href="#">Intel Xeon W3530 @ 2.80GHz</a>        | 3,038                          | 1747                      | 9.07                            | \$334.91       |
| <a href="#">Intel Xeon W3540 @ 2.93GHz</a>        | 3,031                          | 1750                      | 5.98                            | \$507.00       |
| <a href="#">Intel Xeon W3550 @ 3.07GHz</a>        | 3,181                          | 1697                      | 63.68                           | \$49.95*       |
| <a href="#">Intel Xeon W3565 @ 3.20GHz</a>        | 3,345                          | 1632                      | 55.80                           | \$59.95*       |
| <a href="#">Intel Xeon W3570 @ 3.20GHz</a>        | 3,185                          | 1689                      | 6.78                            | \$469.95*      |
| <a href="#">Intel Xeon W3580 @ 3.33GHz</a>        | 3,495                          | 1587                      | 16.29                           | \$214.50*      |
| <a href="#">Intel Xeon W3670 @ 3.20GHz</a>        | 6,509                          | 1056                      | 22.05                           | \$295.19       |
| <a href="#">Intel Xeon W3680 @ 3.33GHz</a>        | 6,909                          | 1013                      | 27.10                           | \$254.99       |
| <a href="#">Intel Xeon W3690 @ 3.47GHz</a>        | 7,223                          | 962                       | 16.04                           | \$450.19       |
| <a href="#">Intel Xeon W5580 @ 3.20GHz</a>        | 3,386                          | 1621                      | 3.92                            | \$864.00       |
| <a href="#">Intel Xeon W5590 @ 3.33GHz</a>        | 3,239                          | 1669                      | 2.30                            | \$1,406.34*    |
| <a href="#">Intel Xeon W-1250 @ 3.30GHz</a>       | 13,776                         | 556                       | 41.44                           | \$332.39*      |
| <a href="#">Intel Xeon W-1250E @ 3.50GHz</a>      | 13,888                         | 552                       | 53.42                           | \$260.00*      |
| <a href="#">Intel Xeon W-1250P @ 4.10GHz</a>      | 14,476                         | 521                       | 45.03                           | \$321.50*      |
| <a href="#">Intel Xeon W-1270 @ 3.40GHz</a>       | 17,707                         | 400                       | 48.92                           | \$362.00*      |



## CPU Benchmarks

| CPU Name                                      | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon W-1270P @ 3.80GHz</a>  | 19,243                         | 551                       | 41.30                           | \$403.99       |
| <a href="#">Intel Xeon W-1270TE @ 2.00GHz</a> | 13,553                         | 561                       | 36.93                           | \$367.00*      |
| <a href="#">Intel Xeon W-1290 @ 3.20GHz</a>   | 20,270                         | 319                       | 34.43                           | \$588.67*      |
| <a href="#">Intel Xeon W-1290E @ 3.50GHz</a>  | 22,066                         | 269                       | 44.13                           | \$500.00*      |
| <a href="#">Intel Xeon W-1290P @ 3.70GHz</a>  | 22,902                         | 246                       | 35.27                           | \$649.40*      |
| <a href="#">Intel Xeon W-1290T @ 1.90GHz</a>  | 18,409                         | 377                       | 37.27                           | \$494.00*      |
| <a href="#">Intel Xeon W-1350 @ 3.30GHz</a>   | 19,120                         | 356                       | 69.03                           | \$276.99       |
| <a href="#">Intel Xeon W-1350P @ 4.00GHz</a>  | 20,032                         | 329                       | 53.07                           | \$377.49       |
| <a href="#">Intel Xeon W-1370 @ 2.90GHz</a>   | 23,908                         | 214                       | 62.42                           | \$382.99       |
| <a href="#">Intel Xeon W-1370P @ 3.60GHz</a>  | 24,975                         | 195                       | 55.13                           | \$452.99       |
| <a href="#">Intel Xeon W-1390 @ 2.80GHz</a>   | 23,902                         | 215                       | 41.00                           | \$582.99       |
| <a href="#">Intel Xeon W-1390P @ 3.50GHz</a>  | 25,558                         | 186                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2102 @ 2.90GHz</a>   | 5,086                          | 1291                      | 17.72                           | \$286.99*      |
| <a href="#">Intel Xeon W-2104 @ 3.20GHz</a>   | 5,885                          | 1163                      | 23.08                           | \$255.00*      |
| <a href="#">Intel Xeon W-2123 @ 3.60GHz</a>   | 8,488                          | 829                       | 19.87                           | \$427.11*      |
| <a href="#">Intel Xeon W-2125 @ 4.00GHz</a>   | 9,972                          | 734                       | 9.98                            | \$998.95*      |
| <a href="#">Intel Xeon W-2133 @ 3.60GHz</a>   | 12,531                         | 610                       | 20.31                           | \$617.00*      |
| <a href="#">Intel Xeon W-2135 @ 3.70GHz</a>   | 14,133                         | 538                       | 14.03                           | \$1,007.70*    |
| <a href="#">Intel Xeon W-2140B @ 3.20GHz</a>  | 17,545                         | 405                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2145 @ 3.70GHz</a>   | 18,158                         | 386                       | 14.83                           | \$1,224.67*    |
| <a href="#">Intel Xeon W-2150B @ 3.00GHz</a>  | 20,429                         | 313                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2155 @ 3.30GHz</a>   | 21,260                         | 286                       | 13.89                           | \$1,530.39*    |
| <a href="#">Intel Xeon W-2170B @ 2.50GHz</a>  | 24,059                         | 212                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2175 @ 2.50GHz</a>   | 23,161                         | 238                       | 53.99                           | \$429.00       |
| <a href="#">Intel Xeon W-2191B @ 2.30GHz</a>  | 29,146                         | 139                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2195 @ 2.30GHz</a>   | 28,086                         | 152                       | 14.16                           | \$1,983.82*    |
| <a href="#">Intel Xeon W-2223 @ 3.60GHz</a>   | 8,706                          | 815                       | 31.90                           | \$272.94       |
| <a href="#">Intel Xeon W-2225 @ 4.10GHz</a>   | 10,784                         | 685                       | 19.88                           | \$542.60*      |
| <a href="#">Intel Xeon W-2235 @ 3.80GHz</a>   | 14,305                         | 532                       | 21.72                           | \$658.49       |
| <a href="#">Intel Xeon W-2245 @ 3.90GHz</a>   | 19,503                         | 342                       | 25.46                           | \$766.15*      |
| <a href="#">Intel Xeon W-2255 @ 3.70GHz</a>   | 22,333                         | 259                       | 28.71                           | \$778.00*      |
| <a href="#">Intel Xeon W-2265 @ 3.50GHz</a>   | 26,005                         | 181                       | 24.03                           | \$1,082.13*    |
| <a href="#">Intel Xeon W-2275 @ 3.30GHz</a>   | 27,918                         | 154                       | 25.11                           | \$1,112.00*    |

 CPU Benchmarks 

| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon W-3175X @ 3.10GHz</a>    | 31,107                         | 83                        | 12.33                           | \$2,330.30     |
| <a href="#">Intel Xeon W-3223 @ 3.50GHz</a>     | 17,476                         | 408                       | 21.30                           | \$820.55*      |
| <a href="#">Intel Xeon W-3235 @ 3.30GHz</a>     | 26,076                         | 180                       | 13.04                           | \$1,998.95*    |
| <a href="#">Intel Xeon W-3245 @ 3.20GHz</a>     | 28,733                         | 143                       | 10.71                           | \$2,683.99*    |
| <a href="#">Intel Xeon W-3245M @ 3.20GHz</a>    | 32,161                         | 113                       | 6.43                            | \$5,002.00*    |
| <a href="#">Intel Xeon W-3265 @ 2.70GHz</a>     | 30,105                         | 132                       | 6.61                            | \$4,551.37*    |
| <a href="#">Intel Xeon W-3265M @ 2.70GHz</a>    | 39,618                         | 74                        | 6.24                            | \$6,353.00*    |
| <a href="#">Intel Xeon W-3275M @ 2.50GHz</a>    | 40,767                         | 70                        | 5.47                            | \$7,453.00*    |
| <a href="#">Intel Xeon W-3323 @ 3.50GHz</a>     | 25,875                         | 183                       | 27.27                           | \$949.00*      |
| <a href="#">Intel Xeon W-3335 @ 3.40GHz</a>     | 38,944                         | 77                        | 29.98                           | \$1,299.00*    |
| <a href="#">Intel Xeon W-3345 @ 3.00GHz</a>     | 48,261                         | 46                        | 19.31                           | \$2,499.00*    |
| <a href="#">Intel Xeon W-3375 @ 2.50GHz</a>     | 53,266                         | 35                        | 11.84                           | \$4,499.00*    |
| <a href="#">Intel Xeon W-10855M @ 2.80GHz</a>   | 12,925                         | 598                       | 28.72                           | \$450.00*      |
| <a href="#">Intel Xeon W-10885M @ 2.40GHz</a>   | 16,029                         | 456                       | 25.73                           | \$623.00*      |
| <a href="#">Intel Xeon W-11855M @ 3.20GHz</a>   | 18,476                         | 374                       | 41.06                           | \$450.00*      |
| <a href="#">Intel Xeon W-11865MLE @ 1.50GHz</a> | 16,965                         | 430                       | 36.33                           | \$467.00*      |
| <a href="#">Intel Xeon W-11865MRE @ 2.60GHz</a> | 23,702                         | 222                       | 49.38                           | \$480.00*      |
| <a href="#">Intel Xeon W-11955M @ 2.60GHz</a>   | 23,212                         | 235                       | 37.26                           | \$623.00*      |
| <a href="#">Intel Xeon X3210 @ 2.13GHz</a>      | 1,293                          | 2669                      | 6.96                            | \$185.71*      |
| <a href="#">Intel Xeon X3220 @ 2.40GHz</a>      | 1,883                          | 2278                      | 28.47                           | \$66.14*       |
| <a href="#">Intel Xeon X3230 @ 2.66GHz</a>      | 2,052                          | 2185                      | 5.86                            | \$349.95*      |
| <a href="#">Intel Xeon X3320 @ 2.50GHz</a>      | 1,986                          | 2215                      | 8.65                            | \$229.50*      |
| <a href="#">Intel Xeon X3323 @ 2.50GHz</a>      | 1,837                          | 2314                      | 94.86                           | \$19.36*       |
| <a href="#">Intel Xeon X3330 @ 2.66GHz</a>      | 1,928                          | 2251                      | 9.18                            | \$210.00*      |
| <a href="#">Intel Xeon X3350 @ 2.66GHz</a>      | 2,158                          | 2125                      | 35.97                           | \$59.99*       |
| <a href="#">Intel Xeon X3353 @ 2.66GHz</a>      | 2,229                          | 2095                      | 30.33                           | \$73.50*       |
| <a href="#">Intel Xeon X3360 @ 2.83GHz</a>      | 2,341                          | 2022                      | 58.55                           | \$39.99*       |
| <a href="#">Intel Xeon X3363 @ 2.83GHz</a>      | 2,307                          | 2042                      | 26.33                           | \$87.60*       |
| <a href="#">Intel Xeon X3370 @ 3.00GHz</a>      | 2,518                          | 1938                      | 62.95                           | \$40.00*       |
| <a href="#">Intel Xeon X3380 @ 3.16GHz</a>      | 2,308                          | 2040                      | 4.53                            | \$509.95*      |
| <a href="#">Intel Xeon X3430 @ 2.40GHz</a>      | 2,295                          | 2051                      | 31.76                           | \$72.25        |
| <a href="#">Intel Xeon X3440 @ 2.53GHz</a>      | 2,716                          | 1862                      | 54.32                           | \$50.00        |
| <a href="#">Intel Xeon X3450 @ 2.67GHz</a>      | 2,808                          | 1830                      | 33.97                           | \$82.66        |

 CPU Benchmarks 

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Intel Xeon X3470 @ 2.93GHz</a>   | 3,200                          | 1002                      | 33.01                           | \$97.19        |
| <a href="#">Intel Xeon X3480 @ 3.07GHz</a>   | 3,250                          | 1663                      | NA                              | NA             |
| <a href="#">Intel Xeon X5260 @ 3.33GHz</a>   | 1,238                          | 2712                      | 95.20                           | \$13.00*       |
| <a href="#">Intel Xeon X5270 @ 3.50GHz</a>   | 1,524                          | 2508                      | NA                              | NA             |
| <a href="#">Intel Xeon X5272 @ 3.40GHz</a>   | 1,451                          | 2560                      | 10.36                           | \$140.00*      |
| <a href="#">Intel Xeon X5355 @ 2.66GHz</a>   | 1,979                          | 2218                      | 6.60                            | \$299.95*      |
| <a href="#">Intel Xeon X5365 @ 3.00GHz</a>   | 2,331                          | 2028                      | 37.01                           | \$62.99*       |
| <a href="#">Intel Xeon X5450 @ 3.00GHz</a>   | 2,418                          | 1981                      | 48.40                           | \$49.96*       |
| <a href="#">Intel Xeon X5460 @ 3.16GHz</a>   | 2,585                          | 1911                      | 11.77                           | \$219.55*      |
| <a href="#">Intel Xeon X5470 @ 3.33GHz</a>   | 2,757                          | 1844                      | 15.32                           | \$179.95*      |
| <a href="#">Intel Xeon X5472 @ 3.00GHz</a>   | 2,218                          | 2102                      | 9.86                            | \$225.00*      |
| <a href="#">Intel Xeon X5482 @ 3.20GHz</a>   | 2,636                          | 1891                      | 26.37                           | \$99.95*       |
| <a href="#">Intel Xeon X5492 @ 3.40GHz</a>   | 2,705                          | 1867                      | 1.94                            | \$1,391.29*    |
| <a href="#">Intel Xeon X5550 @ 2.67GHz</a>   | 3,009                          | 1755                      | 61.41                           | \$49.00        |
| <a href="#">Intel Xeon X5560 @ 2.80GHz</a>   | 3,124                          | 1714                      | 44.00                           | \$71.00        |
| <a href="#">Intel Xeon X5570 @ 2.93GHz</a>   | 3,270                          | 1659                      | 32.70                           | \$100.00       |
| <a href="#">Intel Xeon X5647 @ 2.93GHz</a>   | 4,394                          | 1397                      | 220.47                          | \$19.93*       |
| <a href="#">Intel Xeon X5650 @ 2.67GHz</a>   | 5,742                          | 1181                      | 120.79                          | \$47.54        |
| <a href="#">Intel Xeon X5660 @ 2.80GHz</a>   | 6,088                          | 1128                      | 113.50                          | \$53.64        |
| <a href="#">Intel Xeon X5667 @ 3.07GHz</a>   | 4,551                          | 1369                      | 252.25                          | \$18.04*       |
| <a href="#">Intel Xeon X5670 @ 2.93GHz</a>   | 6,095                          | 1125                      | 156.32                          | \$38.99        |
| <a href="#">Intel Xeon X5672 @ 3.20GHz</a>   | 5,038                          | 1301                      | 111.98                          | \$44.99*       |
| <a href="#">Intel Xeon X5675 @ 3.07GHz</a>   | 6,409                          | 1070                      | 241.39                          | \$26.55        |
| <a href="#">Intel Xeon X5677 @ 3.47GHz</a>   | 5,056                          | 1297                      | 45.96                           | \$110.00*      |
| <a href="#">Intel Xeon X5679 @ 3.20GHz</a>   | 7,095                          | 976                       | NA                              | NA             |
| <a href="#">Intel Xeon X5680 @ 3.33GHz</a>   | 6,795                          | 1030                      | 46.86                           | \$145.00       |
| <a href="#">Intel Xeon X5687 @ 3.60GHz</a>   | 5,288                          | 1256                      | 27.84                           | \$189.95*      |
| <a href="#">Intel Xeon X5690 @ 3.47GHz</a>   | 6,917                          | 1011                      | 40.86                           | \$169.29       |
| <a href="#">Intel Xeon X5698 @ 4.40GHz</a>   | 3,447                          | 1604                      | NA                              | NA             |
| <a href="#">Intel Xeon X6550 @ 2.00GHz</a>   | 1,936                          | 2243                      | 24.50                           | \$79.00*       |
| <a href="#">lisa based Qualcomm Technologies, Inc. SM7325</a>  | 5,447                          | 1225                      | NA                              | NA             |
| <a href="#">M7221</a>  | 646                            | 3297                      | NA                              | NA             |
| <a href="#">Manta</a>  | 356                            | 3602                      | NA                              | NA             |

| CPU Name                             | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--------------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">MediaTek MT6735</a>      | 437                            | 3434                      | NA                              | NA             |
| <a href="#">MediaTek MT6737</a>      | 438                            | 3508                      | NA                              | NA             |
| <a href="#">MediaTek MT6737M</a>     | 355                            | 3606                      | NA                              | NA             |
| <a href="#">MediaTek MT6737T</a>     | 614                            | 3329                      | NA                              | NA             |
| <a href="#">MediaTek MT6739WA</a>    | 393                            | 3560                      | NA                              | NA             |
| <a href="#">MediaTek MT6739WW</a>    | 403                            | 3546                      | NA                              | NA             |
| <a href="#">MediaTek MT6750</a>      | 991                            | 2945                      | NA                              | NA             |
| <a href="#">MediaTek MT6750T</a>     | 1,123                          | 2812                      | NA                              | NA             |
| <a href="#">MediaTek MT6750V/WT</a>  | 1,069                          | 2867                      | NA                              | NA             |
| <a href="#">MediaTek MT6753</a>      | 947                            | 2986                      | NA                              | NA             |
| <a href="#">MediaTek MT6753T</a>     | 1,149                          | 2791                      | NA                              | NA             |
| <a href="#">MediaTek MT6757CD</a>    | 1,657                          | 2420                      | NA                              | NA             |
| <a href="#">MediaTek MT6757V</a>     | 1,550                          | 2491                      | NA                              | NA             |
| <a href="#">MediaTek MT6761V/WBB</a> | 688                            | 3252                      | NA                              | NA             |
| <a href="#">MediaTek MT6761V/WE</a>  | 693                            | 3243                      | NA                              | NA             |
| <a href="#">MediaTek MT6762G</a>     | 1,174                          | 2766                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/CA</a>  | 1,037                          | 2895                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/CB</a>  | 1,381                          | 2611                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/CN</a>  | 556                            | 3396                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/WA</a>  | 1,434                          | 2573                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/WB</a>  | 1,354                          | 2628                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/WD</a>  | 1,510                          | 2521                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/WR</a>  | 1,471                          | 2550                      | NA                              | NA             |
| <a href="#">MediaTek MT6763V/CE</a>  | 2,130                          | 2137                      | NA                              | NA             |
| <a href="#">MediaTek MT6763V/V</a>   | 1,482                          | 2544                      | NA                              | NA             |
| <a href="#">MediaTek MT6765G</a>     | 1,482                          | 2542                      | NA                              | NA             |
| <a href="#">MediaTek MT6765V/CA</a>  | 1,704                          | 2394                      | NA                              | NA             |
| <a href="#">MediaTek MT6765V/CB</a>  | 1,740                          | 2374                      | NA                              | NA             |
| <a href="#">MediaTek MT6768V/CA</a>  | 2,233                          | 2093                      | NA                              | NA             |
| <a href="#">MediaTek MT6769T</a>     | 2,375                          | 2001                      | NA                              | NA             |
| <a href="#">MediaTek MT6769V/CB</a>  | 2,333                          | 2026                      | NA                              | NA             |
| <a href="#">MediaTek MT6769V/CU</a>  | 2,378                          | 1999                      | NA                              | NA             |
| <a href="#">MediaTek MT6769V/WB</a>  | 2,192                          | 2114                      | NA                              | NA             |

 CPU Benchmarks 



| CPU Name                                    | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">MediaTek MT10711V/C</a>         | 2,400                          | 1900                      | NA                              | NA             |
| <a href="#">MediaTek MT6771V/CT</a>         | 2,555                          | 1925                      | NA                              | NA             |
| <a href="#">MediaTek MT6771V/W</a>          | 2,283                          | 2057                      | NA                              | NA             |
| <a href="#">MediaTek MT6771V/WM</a>         | 2,094                          | 2159                      | NA                              | NA             |
| <a href="#">MediaTek MT6771V/WT</a>         | 2,298                          | 2047                      | NA                              | NA             |
| <a href="#">MediaTek MT6779V/CE</a>         | 2,796                          | 1832                      | NA                              | NA             |
| <a href="#">MediaTek MT6779V/CU</a>         | 2,556                          | 1924                      | NA                              | NA             |
| <a href="#">MediaTek MT6779V/CV</a>         | 2,589                          | 1907                      | NA                              | NA             |
| <a href="#">MediaTek MT6785V/CC</a>         | 3,177                          | 1699                      | NA                              | NA             |
| <a href="#">MediaTek MT6785V/CD</a>         | 3,389                          | 1619                      | NA                              | NA             |
| <a href="#">MediaTek MT6797</a>             | 1,730                          | 2382                      | NA                              | NA             |
| <a href="#">MediaTek MT6797T</a>            | 1,613                          | 2454                      | NA                              | NA             |
| <a href="#">MediaTek MT6797X</a>            | 2,158                          | 2124                      | NA                              | NA             |
| <a href="#">MediaTek MT6853T</a>            | 3,217                          | 1678                      | NA                              | NA             |
| <a href="#">MediaTek MT6873</a>             | 3,899                          | 1494                      | NA                              | NA             |
| <a href="#">MediaTek MT6895</a>             | 7,572                          | 915                       | NA                              | NA             |
| <a href="#">MediaTek MT6983</a>             | 8,112                          | 862                       | NA                              | NA             |
| <a href="#">MediaTek MT8163</a>             | 596                            | 3344                      | NA                              | NA             |
| <a href="#">MediaTek MT8166B</a>            | 928                            | 3004                      | NA                              | NA             |
| <a href="#">MediaTek MT8167B</a>            | 369                            | 3588                      | NA                              | NA             |
| <a href="#">MediaTek MT8168A</a>            | 625                            | 3317                      | NA                              | NA             |
| <a href="#">MediaTek MT8183</a>             | 1,915                          | 2259                      | NA                              | NA             |
| <a href="#">MediaTek MT8735B</a>            | 371                            | 3585                      | NA                              | NA             |
| <a href="#">MediaTek MT8768CT</a>           | 1,874                          | 2287                      | NA                              | NA             |
| <a href="#">MediaTek MT8768WA</a>           | 1,573                          | 2474                      | NA                              | NA             |
| <a href="#">MediaTek MT8768WT</a>           | 1,848                          | 2307                      | NA                              | NA             |
| <a href="#">Microsoft ARM SQ1 @ 3.0 GHz</a> | 4,996                          | 1308                      | NA                              | NA             |
| <a href="#">Microsoft SQ2 @ 3.15 GHz</a>    | 5,516                          | 1215                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 4 2400+</a>   | 233                            | 3780                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 64 3200+</a>  | 326                            | 3641                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 64 3400+</a>  | 333                            | 3635                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 64 3700+</a>  | 356                            | 3601                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 64 4000+</a>  | 313                            | 3658                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|   |     |      |    |    |
|---|-----|------|----|----|
| <del>Mobile AMD Athlon MP-M 1800+</del> | 113 | 3003 | NA | NA |
| <u>Mobile AMD Athlon MP-M 2400+</u>     | 192 | 3833 | NA | NA |
| <u>Mobile AMD Athlon XP-M 1600+</u>     | 169 | 3866 | NA | NA |
| <u>Mobile AMD Athlon XP-M 1800+</u>     | 193 | 3830 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2000+</u>     | 196 | 3825 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2200+</u>     | 237 | 3772 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2400+</u>     | 225 | 3790 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2500+</u>     | 226 | 3789 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2600+</u>     | 241 | 3762 | NA | NA |
| <u>Mobile AMD Athlon XP-M 2800+</u>     | 238 | 3770 | NA | NA |
| <u>Mobile AMD Athlon XP-M 3000+</u>     | 238 | 3769 | NA | NA |
| <u>Mobile AMD Sempron 2100+</u>         | 164 | 3872 | NA | NA |
| <u>Mobile AMD Sempron 2600+</u>         | 256 | 3737 | NA | NA |
| <u>Mobile AMD Sempron 2800+</u>         | 237 | 3773 | NA | NA |
| <u>Mobile AMD Sempron 3000+</u>         | 269 | 3720 | NA | NA |
| <u>Mobile AMD Sempron 3100+</u>         | 277 | 3710 | NA | NA |
| <u>Mobile AMD Sempron 3200+</u>         | 245 | 3756 | NA | NA |
| <u>Mobile AMD Sempron 3300+</u>         | 294 | 3684 | NA | NA |
| <u>Mobile AMD Sempron 3400+</u>         | 269 | 3719 | NA | NA |
| <u>Mobile AMD Sempron 3500+</u>         | 290 | 3695 | NA | NA |
| <u>Mobile AMD Sempron 3600+</u>         | 302 | 3668 | NA | NA |
| <u>Mobile AMD Sempron 3800+</u>         | 335 | 3627 | NA | NA |
| <u>Mobile Intel Celeron 1.70GHz</u>     | 118 | 3931 | NA | NA |
| <u>Mobile Intel Celeron 1.80GHz</u>     | 121 | 3927 | NA | NA |
| <u>Mobile Intel Celeron 2.00GHz</u>     | 133 | 3913 | NA | NA |
| <u>Mobile Intel Celeron 2.20GHz</u>     | 147 | 3897 | NA | NA |
| <u>Mobile Intel Celeron 2.40GHz</u>     | 154 | 3889 | NA | NA |
| <u>Mobile Intel Celeron 1333MHz</u>     | 183 | 3845 | NA | NA |
| <u>Mobile Intel Pentium 4 2.66GHz</u>   | 182 | 3847 | NA | NA |
| <u>Mobile Intel Pentium 4 2.80GHz</u>   | 205 | 3812 | NA | NA |
| <u>Mobile Intel Pentium 4 3.06GHz</u>   | 220 | 3797 | NA | NA |
| <u>Mobile Intel Pentium 4 3.20GHz</u>   | 232 | 3782 | NA | NA |
| <u>Mobile Intel Pentium 4 3.33GHz</u>   | 344 | 3616 | NA | NA |

| CPU Name | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|--------------------------------|---------------------------|---------------------------------|----------------|
|----------|--------------------------------|---------------------------|---------------------------------|----------------|

## CPU Benchmarks

|  |       |      |    |    |
|--|-------|------|----|----|
| <a href="#">Mobile Intel Pentium 4 - M 1.80GHz</a>   | 119   | 3929 | NA | NA |
| <a href="#">Mobile Intel Pentium 4 - M 2.00GHz</a>   | 138   | 3909 | NA | NA |
| <a href="#">Mobile Intel Pentium 4 - M 2.20GHz</a>   | 143   | 3900 | NA | NA |
| <a href="#">Mobile Intel Pentium 4 - M 2.40GHz</a>   | 139   | 3905 | NA | NA |
| <a href="#">Mobile Intel Pentium III - M 933MHz</a>  | 130   | 3917 | NA | NA |
| <a href="#">Mobile Intel Pentium III - M 1200MHz</a> | 146   | 3898 | NA | NA |
| <a href="#">msm8960dt</a>                            | 252   | 3745 | NA | NA |
| <a href="#">MT5893</a>                               | 702   | 3236 | NA | NA |
| <a href="#">MT6592</a>                               | 521   | 3432 | NA | NA |
| <a href="#">MT6592T</a>                              | 1,056 | 2885 | NA | NA |
| <a href="#">MT6735M</a>                              | 308   | 3663 | NA | NA |
| <a href="#">MT6735P</a>                              | 326   | 3642 | NA | NA |
| <a href="#">MT6738</a>                               | 692   | 3245 | NA | NA |
| <a href="#">MT6739CH</a>                             | 530   | 3422 | NA | NA |
| <a href="#">MT6739WM</a>                             | 310   | 3661 | NA | NA |
| <a href="#">MT6750V/C</a>                            | 1,333 | 2641 | NA | NA |
| <a href="#">MT6750V/CS</a>                           | 955   | 2975 | NA | NA |
| <a href="#">MT6750V/W</a>                            | 845   | 3076 | NA | NA |
| <a href="#">MT6752</a>                               | 1,728 | 2384 | NA | NA |
| <a href="#">MT6755</a>                               | 1,278 | 2684 | NA | NA |
| <a href="#">MT6755BM</a>                             | 1,070 | 2865 | NA | NA |
| <a href="#">MT6755M</a>                              | 1,229 | 2720 | NA | NA |
| <a href="#">MT6755V/BM</a>                           | 1,219 | 2728 | NA | NA |
| <a href="#">MT6755V/W</a>                            | 1,640 | 2436 | NA | NA |
| <a href="#">MT6755V/WM</a>                           | 1,090 | 2845 | NA | NA |
| <a href="#">MT6755V/WS</a>                           | 1,389 | 2606 | NA | NA |
| <a href="#">MT6757W</a>                              | 1,845 | 2310 | NA | NA |
| <a href="#">MT6757WD</a>                             | 1,771 | 2354 | NA | NA |
| <a href="#">MT6757WH</a>                             | 1,161 | 2780 | NA | NA |
| <a href="#">MT6761V/CAB</a>                          | 763   | 3167 | NA | NA |
| <a href="#">MT6761V/CBB</a>                          | 846   | 3074 | NA | NA |
| <a href="#">MT6761V/CD</a>                           | 784   | 3143 | NA | NA |
| <a href="#">MT6761V/WAB</a>                          | 769   | 3156 | NA | NA |

| CPU Name                     | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">MI6792</a>       | 1,002                          | 2420                      | NA                              | NA             |
| <a href="#">mt6762m</a>      | 538                            | 3412                      | NA                              | NA             |
| <a href="#">MT6762V/CR</a>   | 857                            | 3062                      | NA                              | NA             |
| <a href="#">MT6763V/B</a>    | 1,482                          | 2543                      | NA                              | NA             |
| <a href="#">MT6763V/CT</a>   | 1,544                          | 2497                      | NA                              | NA             |
| <a href="#">MT6763V/WT</a>   | 1,313                          | 2656                      | NA                              | NA             |
| <a href="#">MT6765</a>       | 1,778                          | 2349                      | NA                              | NA             |
| <a href="#">MT6765H</a>      | 2,021                          | 2198                      | NA                              | NA             |
| <a href="#">MT6765V/WA</a>   | 1,711                          | 2392                      | NA                              | NA             |
| <a href="#">MT6765V/WB</a>   | 1,810                          | 2329                      | NA                              | NA             |
| <a href="#">MT6768G</a>      | 2,772                          | 1842                      | NA                              | NA             |
| <a href="#">MT6769H</a>      | 2,626                          | 1893                      | NA                              | NA             |
| <a href="#">MT6769V/CT</a>   | 2,497                          | 1948                      | NA                              | NA             |
| <a href="#">MT6769V/CZ</a>   | 2,584                          | 1913                      | NA                              | NA             |
| <a href="#">MT6771V/CL</a>   | 3,079                          | 1730                      | NA                              | NA             |
| <a href="#">MT6771V/WL</a>   | 2,279                          | 2065                      | NA                              | NA             |
| <a href="#">mt6779</a>       | 2,242                          | 2088                      | NA                              | NA             |
| <a href="#">MT6781</a>       | 3,870                          | 1499                      | NA                              | NA             |
| <a href="#">MT6781V/CD</a>   | 3,844                          | 1509                      | NA                              | NA             |
| <a href="#">MT6785</a>       | 3,486                          | 1591                      | NA                              | NA             |
| <a href="#">MT6795</a>       | 1,290                          | 2672                      | NA                              | NA             |
| <a href="#">MT6795M</a>      | 968                            | 2965                      | NA                              | NA             |
| <a href="#">MT6795MM</a>     | 618                            | 3327                      | NA                              | NA             |
| <a href="#">MT6797D</a>      | 758                            | 3172                      | NA                              | NA             |
| <a href="#">MT6797M</a>      | 1,745                          | 2370                      | NA                              | NA             |
| <a href="#">MT6833</a>       | 3,719                          | 1540                      | NA                              | NA             |
| <a href="#">MT6833P</a>      | 4,088                          | 1458                      | NA                              | NA             |
| <a href="#">MT6833V/NZA</a>  | 3,389                          | 1618                      | NA                              | NA             |
| <a href="#">MT6833V/PNZA</a> | 4,007                          | 1475                      | NA                              | NA             |
| <a href="#">MT6833V/ZA</a>   | 3,968                          | 1484                      | NA                              | NA             |
| <a href="#">MT6853V/NZA</a>  | 3,251                          | 1660                      | NA                              | NA             |
| <a href="#">MT6853V/TNZA</a> | 3,570                          | 1571                      | NA                              | NA             |
| <a href="#">MT6853V/ZA</a>   | 3,577                          | 1568                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name                      | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|-------------------------------|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">M108771</a>       | 4,321                          | 1314                      | NA                              | NA             |
| <a href="#">MT6877V/TZA</a>   | 4,830                          | 1327                      | NA                              | NA             |
| <a href="#">MT6877V/ZA</a>    | 4,699                          | 1346                      | NA                              | NA             |
| <a href="#">MT6883Z/CZA</a>   | 5,665                          | 1191                      | NA                              | NA             |
| <a href="#">MT6889Z/CZA</a>   | 4,277                          | 1421                      | NA                              | NA             |
| <a href="#">MT6891</a>        | 5,718                          | 1183                      | NA                              | NA             |
| <a href="#">MT6891Z/CZA</a>   | 6,134                          | 1120                      | NA                              | NA             |
| <a href="#">MT6893</a>        | 5,102                          | 1290                      | NA                              | NA             |
| <a href="#">MT6893Z/CZA</a>   | 6,391                          | 1073                      | NA                              | NA             |
| <a href="#">MT6893Z_A/CZA</a> | 5,869                          | 1167                      | NA                              | NA             |
| <a href="#">MT6893Z_B/CZA</a> | 7,081                          | 980                       | NA                              | NA             |
| <a href="#">MT6893Z_C/CZA</a> | 6,139                          | 1119                      | NA                              | NA             |
| <a href="#">MT6893Z_D/CZA</a> | 5,701                          | 1187                      | NA                              | NA             |
| <a href="#">MT6893Z_Z/CZA</a> | 5,071                          | 1295                      | NA                              | NA             |
| <a href="#">MT6969T</a>       | 2,228                          | 2097                      | NA                              | NA             |
| <a href="#">MT8161A</a>       | 800                            | 3126                      | NA                              | NA             |
| <a href="#">MT8161AA</a>      | 857                            | 3063                      | NA                              | NA             |
| <a href="#">MT8161P</a>       | 434                            | 3512                      | NA                              | NA             |
| <a href="#">MT8165</a>        | 900                            | 3029                      | NA                              | NA             |
| <a href="#">MT8167A</a>       | 478                            | 3473                      | NA                              | NA             |
| <a href="#">MT8167D</a>       | 580                            | 3368                      | NA                              | NA             |
| <a href="#">MT8168B</a>       | 1,042                          | 2891                      | NA                              | NA             |
| <a href="#">MT8173</a>        | 1,077                          | 2856                      | NA                              | NA             |
| <a href="#">MT8176</a>        | 1,380                          | 2613                      | NA                              | NA             |
| <a href="#">MT8195AV/ZA</a>   | 5,735                          | 1182                      | NA                              | NA             |
| <a href="#">MT8365</a>        | 889                            | 3035                      | NA                              | NA             |
| <a href="#">MT8696</a>        | 738                            | 3192                      | NA                              | NA             |
| <a href="#">MT8735</a>        | 495                            | 3456                      | NA                              | NA             |
| <a href="#">MT8735A</a>       | 527                            | 3427                      | NA                              | NA             |
| <a href="#">MT8735M</a>       | 358                            | 3596                      | NA                              | NA             |
| <a href="#">MT8735P</a>       | 405                            | 3540                      | NA                              | NA             |
| <a href="#">MT8735T</a>       | 704                            | 3232                      | NA                              | NA             |
| <a href="#">MT8765WA</a>      | 553                            | 3398                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">MI 8/80A</a>  | 900                            | 2990                      | NA                              | NA             |
| <a href="#">MT8766B</a>   | 802                            | 3124                      | NA                              | NA             |
| <a href="#">MT8768WD</a>  | 979                            | 2955                      | NA                              | NA             |
| <a href="#">MT8768WE</a>  | 1,425                          | 2583                      | NA                              | NA             |
| <a href="#">MT8783</a>  | 1,039                          | 2892                      | NA                              | NA             |
| <a href="#">MT8786V/CA</a>                                      | 3,096                          | 1726                      | NA                              | NA             |
| <a href="#">MT8786V/N</a>                                       | 3,058                          | 1737                      | NA                              | NA             |
| <a href="#">MT8788</a>  | 2,627                          | 1892                      | NA                              | NA             |
| <a href="#">MT8789V/CT</a>                                      | 3,935                          | 1488                      | NA                              | NA             |
| <a href="#">MT8789V/T</a>                                       | 3,851                          | 1505                      | NA                              | NA             |
| <a href="#">MT9950</a>  | 845                            | 3075                      | NA                              | NA             |
| <a href="#">MTK6757</a>   | 1,158                          | 2783                      | NA                              | NA             |
| <a href="#">Nvidia Tegra T132</a>                               | 990                            | 2947                      | NA                              | NA             |
| <a href="#">Nvidia Tegra T210</a>                               | 1,635                          | 2439                      | NA                              | NA             |
| <a href="#">Odin based on Qualcomm Technologies, Inc SM8350</a> | 6,438                          | 1066                      | NA                              | NA             |
| <a href="#">P22</a>   | 1,802                          | 2332                      | NA                              | NA             |
| <a href="#">Pentium Dual-Core E6000 @ 3.46GHz</a>               | 1,472                          | 2549                      | NA                              | NA             |
| <a href="#">Pentium Dual-Core T4200 @ 2.00GHz</a>               | 775                            | 3149                      | NA                              | NA             |
| <a href="#">Pentium Dual-Core T4500 @ 2.30GHz</a>               | 1,008                          | 2924                      | NA                              | NA             |
| <a href="#">QCT APQ8064 AWIFI</a>                               | 382                            | 3575                      | NA                              | NA             |
| <a href="#">QCT APQ8064 DEB</a>                                 | 453                            | 3498                      | NA                              | NA             |
| <a href="#">QCT APQ8064 FLO</a>                                 | 449                            | 3502                      | NA                              | NA             |
| <a href="#">QCT APQ8064 MAKO</a>                                | 399                            | 3553                      | NA                              | NA             |
| <a href="#">Qualcomm APQ8026</a>                                | 291                            | 3690                      | NA                              | NA             |
| <a href="#">Qualcomm APQ8084</a>                                | 540                            | 3409                      | NA                              | NA             |
| <a href="#">Qualcomm APQ 8084 (Flattened Device Tree)</a>       | 628                            | 3312                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8226</a>                                | 308                            | 3664                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8228</a>                                | 332                            | 3638                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8626</a>                                | 294                            | 3683                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8916</a>                                | 424                            | 3521                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8917</a>                                | 587                            | 3357                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8926</a>                                | 300                            | 3672                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8928</a>                                | 337                            | 3625                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Qualcomm MSM8939</a>                                   | 1,103                          | 2034                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8953</a>                                   | 1,589                          | 2465                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8974</a>                                   | 669                            | 3272                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8974PRO-AA</a>                             | 587                            | 3358                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8974PRO-AB</a>                             | 625                            | 3315                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8974PRO-AC</a>                             | 610                            | 3332                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8992</a>                                   | 1,277                          | 2686                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8994</a>                                   | 805                            | 3119                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8996</a>                                   | 1,322                          | 2651                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8996PRO-AB</a>                             | 1,586                          | 2468                      | NA                              | NA             |
| <a href="#">Qualcomm MSM 8939 HUAWEI KIW-L21</a>                   | 1,088                          | 2849                      | NA                              | NA             |
| <a href="#">Qualcomm MSM 8939 HUAWEI KIW-L24</a>                   | 1,065                          | 2873                      | NA                              | NA             |
| <a href="#">Qualcomm MSM 8939 HUAWEI TEXAS-A1</a>                  | 1,085                          | 2851                      | NA                              | NA             |
| <a href="#">Qualcomm MSM 8974 HAMMERHEAD (Flattened Device Tre</a> | 566                            | 3381                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc 450</a>                     | 1,978                          | 2220                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8009</a>                 | 286                            | 3698                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8016</a>                 | 355                            | 3605                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8017</a>                 | 473                            | 3481                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8053</a>                 | 1,847                          | 2308                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8076</a>                 | 1,438                          | 2571                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8096</a>                 | 1,643                          | 2433                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8096pro</a>              | 730                            | 3203                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc ATOLL-AB</a>                | 3,401                          | 1613                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc BENGAL</a>                  | 2,353                          | 2014                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc BENGAL-IOT</a>              | 2,075                          | 2171                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc BENGALP</a>                 | 2,390                          | 1994                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc KHAJE</a>                   | 3,465                          | 1597                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc KONA</a>                    | 5,516                          | 1214                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc KONA-IOT</a>                | 7,592                          | 911                       | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc LAGOON</a>                  | 3,292                          | 1650                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc LITO</a>                    | 3,216                          | 1679                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8216</a>                 | 292                            | 3688                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8909</a>                 | 268                            | 3723                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Qualcomm Technologies, Inc MSM8917</a>   | 434                            | 3437                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8920</a>   | 436                            | 3511                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8929</a>   | 560                            | 3392                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8937</a>   | 1,052                          | 2888                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8939</a>   | 949                            | 2984                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8952</a>   | 854                            | 3066                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8953</a>   | 1,719                          | 2386                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8956</a>   | 1,401                          | 2601                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8976</a>   | 1,558                          | 2484                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8976SG</a>   | 1,961                          | 2229                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8992</a>   | 782                            | 3145                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8994</a>   | 932                            | 3000                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8996</a>   | 1,355                          | 2626                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8996pro</a>  | 1,486                          | 2541                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8998</a>   | 2,666                          | 1879                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc QCM2150</a>   | 356                            | 3603                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc QM215</a>   | 467                            | 3488                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SA8195P</a>   | 6,554                          | 1049                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SCUBAPIIOT</a>  | 1,123                          | 2813                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDA450</a>  | 1,520                          | 2510                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDA660</a>  | 2,317                          | 2033                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM429</a>  | 944                            | 2987                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM439</a>  | 1,396                          | 2603                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM450</a>  | 1,261                          | 2696                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM460</a>  | 1,861                          | 2296                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM630</a>  | 1,829                          | 2316                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM632</a>  | 1,907                          | 2267                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM636</a>  | 2,067                          | 2177                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM660</a>  | 2,299                          | 2046                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM662</a>  | 2,166                          | 2123                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM665</a>  | 2,303                          | 2044                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM670</a>  | 2,369                          | 2006                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM710</a>  | 2,545                          | 1929                      | NA                              | NA             |



| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">Qualcomm Technologies, Inc SDM720G</a>     | 3,207                          | 1000                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM730G AIE</a> | 3,278                          | 1655                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM765G 5G</a>  | 3,245                          | 1665                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM778G</a>     | 5,435                          | 1229                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDMMAGPIE</a>   | 3,067                          | 1734                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDMMAGPIEP</a>  | 3,245                          | 1666                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM4250</a>      | 2,053                          | 2184                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM4350</a>      | 2,841                          | 1819                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM6125</a>      | 2,128                          | 2139                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM6150</a>      | 2,706                          | 1866                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM6225</a>      | 2,420                          | 1978                      | NA                              | NA             |

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- [Qualcomm Technologies, Inc SM7125 Burnin Test](#)
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- [Qualcomm Technologies, Inc SM7225 OS Forensics](#)
- [Qualcomm Technologies, Inc SM7250 MemTest86](#)
- [Qualcomm Technologies, Inc SM7250 WinBench](#)
- [Qualcomm Technologies, Inc SM8150 Zoom Search Engine](#)
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- [Qualcomm Technologies, Inc MSM8940-PMI8940 MTP Internet Bandwidth](#)
- [Renoir based on Qualcomm Technologies, Inc SM7350](#)

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| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
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| <a href="#">Home</a> CPU Benchmarks ▼                              |                                |                           |                                 |                |
| <a href="#">Rockchip RK3328</a>                                    | 519                            | 3043                      | NA                              | NA             |
| <a href="#">Rockchip RK3328 box liantong avb</a>                   | 561                            | 3390                      | NA                              | NA             |
| <a href="#">Rockchip RK3368</a>                                    | 708                            | 3226                      | NA                              | NA             |
| <a href="#">Rockchip RK3399</a>                                    | 2,866                          | 1813                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 BOX DEMO V10 ANDROID Board</a>         | 1,058                          | 2880                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 EVB1 DDR4 V10 Board</a>                | 751                            | 3178                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 EVB2 LP4X V10 Board</a>                | 843                            | 3077                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 EVB3 DDR3 V10 Board</a>                | 1,010                          | 2923                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 RK817 TABLET LP4X Board</a>            | 923                            | 3010                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 RK817 ZIDOO TABLET LP4X Board</a>      | 795                            | 3132                      | NA                              | NA             |
| <a href="#">Rockchip RK3568 EVB1 DDR4 V10 Board</a>                | 1,189                          | 2754                      | NA                              | NA             |
| <a href="#">Rockchip RK3588</a>                                    | 5,998                          | 1143                      | NA                              | NA             |
| <a href="#">rockchip_rk3328</a>                                    | 761                            | 3169                      | NA                              | NA             |
| <a href="#">rockchip_rk3368</a>                                    | 870                            | 3050                      | NA                              | NA             |
| <a href="#">Samsung A13 EUR OPEN REV02B board based on EXYNOS8</a> | 1,230                          | 2719                      | NA                              | NA             |
| <a href="#">Samsung A13 USA SINGLE REV02B board based on EXYNO</a> | 1,528                          | 2506                      | NA                              | NA             |
| <a href="#">Samsung EXYNOS5420</a>                                 | 642                            | 3299                      | NA                              | NA             |
| <a href="#">Samsung EXYNOS5433</a>                                 | 1,083                          | 2853                      | NA                              | NA             |
| <a href="#">SAMSUNG Exynos7420</a>                                 | 1,909                          | 2263                      | NA                              | NA             |
| <a href="#">SAMSUNG Exynos7580</a>                                 | 851                            | 3070                      | NA                              | NA             |
| <a href="#">Samsung Exynos 2100</a>                                | 5,144                          | 1282                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7420</a>                                | 1,612                          | 2455                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7570</a>                                | 414                            | 3533                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7580</a>                                | 878                            | 3043                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7870</a>                                | 933                            | 2997                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7880</a>                                | 1,714                          | 2390                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7884</a>                                | 1,369                          | 2617                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7885</a>                                | 1,747                          | 2369                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7904</a>                                | 1,749                          | 2367                      | NA                              | NA             |
| <a href="#">Samsung Exynos 8890</a>                                | 2,438                          | 1971                      | NA                              | NA             |
| <a href="#">Samsung Exynos 8895</a>                                | 2,946                          | 1782                      | NA                              | NA             |
| <a href="#">Samsung Exynos 9610</a>                                | 2,153                          | 2128                      | NA                              | NA             |
| <a href="#">Samsung Exynos 9611</a>                                | 1,908                          | 2264                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
|  CPU Benchmarks  |                                |                           |                                 |                |
| <a href="#">Samsung Exynos 9820</a>  | 3,090                          | 1040                      | NA                              | NA             |
| <a href="#">Samsung Exynos 9825</a>  | 3,584                          | 1567                      | NA                              | NA             |
| <a href="#">Samsung GrandPrimePlus LTE CIS rev04 board based o</a>   | 312                            | 3660                      | NA                              | NA             |
| <a href="#">Samsung GrandPrimePlus LTE LTN OPEN rev04 board ba</a>   | 415                            | 3532                      | NA                              | NA             |
| <a href="#">Samsung J7 Max LTE SWA board based on MT6757V/WL</a>   | 930                            | 3001                      | NA                              | NA             |
| <a href="#">SAMSUNG JF</a>   | 516                            | 3437                      | NA                              | NA             |
| <a href="#">Samsung M13 SWA INS 00 board based on EXYNOS850</a>  | 1,303                          | 2664                      | NA                              | NA             |
| <a href="#">SAMSUNG SERRANO</a>  | 247                            | 3753                      | NA                              | NA             |
| <a href="#">Samsung Technologies, Inc Exynos E1080</a>   | 4,846                          | 1322                      | NA                              | NA             |
| <a href="#">SM7325</a>   | 6,302                          | 1094                      | NA                              | NA             |
| <a href="#">SM8325</a>   | 4,596                          | 1362                      | NA                              | NA             |
| <a href="#">SM8350</a>   | 6,063                          | 1135                      | NA                              | NA             |
| <a href="#">SM8450</a>   | 4,896                          | 1318                      | NA                              | NA             |
| <a href="#">SMDK4x12</a>   | 3,006                          | 1757                      | NA                              | NA             |
| <a href="#">Snapdragon 7c @ 1.96 GHz</a>   | 3,628                          | 1559                      | NA                              | NA             |
| <a href="#">Snapdragon 7c @ 2.40 GHz</a>   | 2,979                          | 1766                      | NA                              | NA             |
| <a href="#">Snapdragon 7c Gen 2 @ 2.55 GHz</a>   | 3,346                          | 1631                      | NA                              | NA             |
| <a href="#">Snapdragon 8c @ 2.46 GHz</a>   | 5,181                          | 1277                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx @ 2.84 GHz</a>  | 4,326                          | 1411                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx Gen 2 @ 3.0 GHz</a>   | 6,448                          | 1065                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx Gen 2 @ 3.15 GHz</a>  | 6,171                          | 1114                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx Gen 3 @ 3.0 GHz</a>   | 11,671                         | 640                       | NA                              | NA             |
| <a href="#">Snapdragon 435</a>   | 985                            | 2950                      | NA                              | NA             |
| <a href="#">Snapdragon 662</a>   | 2,414                          | 1984                      | NA                              | NA             |
| <a href="#">Snapdragon 835</a>   | 1,784                          | 2343                      | NA                              | NA             |
| <a href="#">Snapdragon 845 @ 2.8 GHz</a>   | 2,943                          | 1784                      | NA                              | NA             |
| <a href="#">Snapdragon 850 @ 2.96 GHz</a>  | 2,544                          | 1930                      | NA                              | NA             |
| <a href="#">Snapdragon 7325</a>  | 5,435                          | 1230                      | NA                              | NA             |
| <a href="#">Snapdragon 8350</a>  | 4,599                          | 1360                      | NA                              | NA             |
| <a href="#">Sony Mobile fusion3</a>  | 428                            | 3517                      | NA                              | NA             |
| <a href="#">Spreadtrum SC7731e</a>   | 294                            | 3682                      | NA                              | NA             |
| <a href="#">Spreadtrum SC9853I-IA</a>  | 734                            | 3200                      | NA                              | NA             |
| <a href="#">Spreadtrum SC9863A Board</a>   | 1,607                          | 2457                      | NA                              | NA             |

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">161U-Unisoc</a>  | 2,407                          | 1900                      | NA                              | NA             |
| <a href="#">T618</a>   | 2,715                          | 1863                      | NA                              | NA             |
| <a href="#">T700-Unisoc</a>  | 2,256                          | 2081                      | NA                              | NA             |
| <a href="#">taoyao based Qualcomm Technologies, Inc. Yupik IDP</a> | 6,359                          | 1078                      | NA                              | NA             |
| <a href="#">tn8</a>  | 1,006                          | 2928                      | NA                              | NA             |
| <a href="#">UGOOS UT8 Board</a>                                    | 894                            | 3033                      | NA                              | NA             |
| <a href="#">UIS7862A</a>   | 1,839                          | 2313                      | NA                              | NA             |
| <a href="#">Unisoc SC7731e</a>                                     | 332                            | 3637                      | NA                              | NA             |
| <a href="#">Unisoc SC9832e</a>                                     | 471                            | 3484                      | NA                              | NA             |
| <a href="#">Unisoc SC9863a</a>                                     | 1,350                          | 2632                      | NA                              | NA             |
| <a href="#">Unisoc T310</a>  | 1,460                          | 2558                      | NA                              | NA             |
| <a href="#">Unisoc T606</a>  | 2,738                          | 1852                      | NA                              | NA             |
| <a href="#">Unisoc T610</a>  | 2,705                          | 1868                      | NA                              | NA             |
| <a href="#">Unisoc T618</a>  | 2,226                          | 2098                      | NA                              | NA             |
| <a href="#">Unisoc T700</a>  | 2,449                          | 1964                      | NA                              | NA             |
| <a href="#">Unisoc UIS8581A</a>                                    | 1,633                          | 2442                      | NA                              | NA             |
| <a href="#">Unisoc UIS8581E</a>                                    | 1,279                          | 2680                      | NA                              | NA             |
| <a href="#">Unisoc ums312</a>                                      | 914                            | 3016                      | NA                              | NA             |
| <a href="#">Unisoc ums512</a>                                      | 2,532                          | 1933                      | NA                              | NA             |
| <a href="#">Unisoc ums9230</a>                                     | 2,419                          | 1979                      | NA                              | NA             |
| <a href="#">Unisoc ums9230H</a>                                    | 2,947                          | 1780                      | NA                              | NA             |
| <a href="#">Unisoc ums9230T</a>                                    | 2,955                          | 1774                      | NA                              | NA             |
| <a href="#">UNIVERSAL3475</a>                                      | 297                            | 3677                      | NA                              | NA             |
| <a href="#">vendor Kirin710</a>                                    | 2,970                          | 1769                      | NA                              | NA             |
| <a href="#">vendor Kirin810</a>                                    | 4,271                          | 1423                      | NA                              | NA             |
| <a href="#">vendor Kirin820</a>                                    | 4,472                          | 1382                      | NA                              | NA             |
| <a href="#">vendor Kirin970</a>                                    | 3,110                          | 1718                      | NA                              | NA             |
| <a href="#">vendor Kirin980</a>                                    | 5,329                          | 1245                      | NA                              | NA             |
| <a href="#">vendor Kirin985</a>                                    | 5,417                          | 1234                      | NA                              | NA             |
| <a href="#">vendor Kirin990</a>                                    | 5,755                          | 1180                      | NA                              | NA             |
| <a href="#">vendor Kirin9000</a>                                   | 6,815                          | 1026                      | NA                              | NA             |
| <a href="#">vendor Kirin9000E</a>                                  | 6,235                          | 1105                      | NA                              | NA             |
| <a href="#">Venus based on Qualcomm Technologies, Inc SM8350</a>   | 5,274                          | 1259                      | NA                              | NA             |

## CPU Benchmarks

| CPU Name   | CPU Mark<br>(higher is better) | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|--------------------------------|---------------------------|---------------------------------|----------------|
| <a href="#">VIA C7-M 1200MHz</a>                               | 112                            | 3930                      | NA                              | NA             |
| <a href="#">VIA C7-M 1600MHz</a>                               | 116                            | 3933                      | NA                              | NA             |
| <a href="#">VIA C7-M 6300MHz</a>                               | 145                            | 3899                      | NA                              | NA             |
| <a href="#">VIA Eden 1000MHz</a>                               | 80                             | 3954                      | NA                              | NA             |
| <a href="#">VIA Eden 1200MHz</a>                               | 93                             | 3948                      | NA                              | NA             |
| <a href="#">VIA Eden C1050@1.06GHz</a>                         | 263                            | 3731                      | NA                              | NA             |
| <a href="#">VIA Eden X2 U4200 @ 1.0+ GHz</a>                   | 315                            | 3651                      | NA                              | NA             |
| <a href="#">VIA Eden X4 C4250 @ 1.2+GHz</a>                    | 904                            | 3026                      | NA                              | NA             |
| <a href="#">VIA Esther 1000MHz</a>                             | 95                             | 3946                      | NA                              | NA             |
| <a href="#">VIA Esther 1500MHz</a>                             | 135                            | 3911                      | NA                              | NA             |
| <a href="#">VIA Nano L2007@1600MHz</a>                         | 254                            | 3741                      | NA                              | NA             |
| <a href="#">VIA Nano L2100@1800MHz</a>                         | 279                            | 3709                      | NA                              | NA             |
| <a href="#">VIA Nano L2207@1600MHz</a>                         | 165                            | 3869                      | NA                              | NA             |
| <a href="#">VIA Nano U2250 (1.6GHz Capable)</a>                | 270                            | 3717                      | NA                              | NA             |
| <a href="#">VIA Nano U2250@1300+MHz</a>                        | 179                            | 3851                      | NA                              | NA             |
| <a href="#">VIA Nano U2500@1200MHz</a>                         | 199                            | 3819                      | NA                              | NA             |
| <a href="#">VIA Nano U3500@1000MHz</a>                         | 184                            | 3839                      | NA                              | NA             |
| <a href="#">VIA Nano X2 U4025 @ 1.2 GHz</a>                    | 393                            | 3559                      | NA                              | NA             |
| <a href="#">VIA Nehemiah</a>                                   | 101                            | 3941                      | NA                              | NA             |
| <a href="#">VIA QuadCore C4650@2.0GHz</a>                      | 1,352                          | 2630                      | NA                              | NA             |
| <a href="#">VIA QuadCore L4700 @ 1.2+ GHz</a>                  | 773                            | 3152                      | NA                              | NA             |
| <a href="#">VIA QuadCore U4650 @ 1.0+ GHz</a>                  | 666                            | 3276                      | NA                              | NA             |
| <a href="#">Vii based on Qualcomm Technologies, Inc SM8350</a> | 5,292                          | 1254                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-6640MA@2.2+GHz</a>              | 1,531                          | 2505                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-U6580@2.5GHz</a>                | 3,227                          | 1672                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-U6780A@2.7GHz</a>               | 3,831                          | 1512                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</a>             | 1,547                          | 2495                      | NA                              | NA             |

\* - Last price seen from our affiliates.