

# CPU Benchmarks

Over 1,000,000 CPUs benchmarked

## High End CPUs - Intel vs AMD

This chart comparing high end CPUs is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

CPUS

High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

New Desktop

New Laptop

Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

Cross-Platform CPU Performance

Top Gaming

PassMark - CPU Mark

High End CPUs

Updated 12th of June 2023

| CPU                               | CPU Mark | Price (USD) |
|-----------------------------------|----------|-------------|
| AMD EPYC 9654                     | 126,045  | \$6,690.00  |
| Intel Xeon w9-3495X               | 102,308  | \$5,889.00* |
| AMD EPYC 9474F                    | 99,068   | NA          |
| AMD Ryzen Threadripper PRO 5995WX | 98,039   | \$5,699.99  |
| AMD EPYC 7773X                    | 91,209   | \$4,999.00  |
| AMD EPYC 7763                     | 85,915   | \$2,494.00  |
| AMD EPYC 7J13                     | 85,683   | NA          |
| AMD EPYC 7713                     | 83,836   | \$3,299.99  |
| AMD EPYC 7713P                    | 83,439   | \$3,850.00  |
| AMD Ryzen Threadripper PRO 3995WX | 83,386   | \$6,866.00  |
| AMD EPYC 7V13                     | 82,878   | NA          |
| AMD Ryzen Threadripper 3990X      | 81,188   | \$4,861.00  |
| AMD EPYC 9354P                    | 78,983   | NA          |
| AMD EPYC 7B13                     | 77,460   | NA          |
| AMD EPYC 7643                     | 76,455   | \$4,550.00* |
| AMD Ryzen Threadripper PRO 5975WX | 76,192   | \$2,699.99  |
| AMD EPYC 7T83                     | 74,892   | NA          |
| AMD EPYC 9274F                    | 74,009   | NA          |
| AMD EPYC 7662                     | 73,143   | \$3,999.99* |
| AMD EPYC 7573X                    | 70,868   | \$4,962.00  |

|                                     |                                   |                       |             |             |         |              |
|-------------------------------------|-----------------------------------|-----------------------|-------------|-------------|---------|--------------|
| CPUs                                |                                   | Intel Xeon w9-3475X   | 70,850      | \$3,739.00* |         |              |
| CPU Mega List                       |                                   | AMD EPYC 7702         | 70,618      | \$1,013.00  |         |              |
| CPU Benchmarks                      | Video Card Benchmarks             | Hard Drive Benchmarks | RAM         | PC Systems  | Android | iOS / iPhone |
| Compare <sup>0</sup>                | AMD EPYC 9254                     |                       | 68,300      | NA          |         |              |
|                                     | AMD EPYC 7543P                    |                       | 67,081      | \$2,350.00* |         |              |
| Common<br>Most Benchmarked          | AMD EPYC 7742                     |                       | 66,915      | \$2,098.00  |         |              |
|                                     | AMD Ryzen Threadripper PRO 5965WX |                       | 66,483      | \$1,999.99  |         |              |
|                                     | AMD EPYC 7R32                     |                       | 64,727      | NA          |         |              |
| AMD vs Intel<br>Market Share        | AMD Ryzen 9 7950X                 |                       | 63,607      | \$540.99    |         |              |
|                                     | Intel Xeon w7-2495X               |                       | 63,441      | \$2,603.96* |         |              |
| Year on Year<br>Performance         | AMD Ryzen Threadripper 3970X      |                       | 63,434      | \$2,495.00  |         |              |
|                                     | AMD Ryzen 9 7950X3D               |                       | 63,388      | \$661.08    |         |              |
| AMD Ryzen Threadripper PRO 3975WX   |                                   | 63,076                | \$2,997.19  |             |         |              |
| AMD EPYC 7702P                      |                                   | 62,670                | \$1,898.00  |             |         |              |
| Intel Core i9-13900KS               |                                   | 62,379                | \$999.99    |             |         |              |
| Intel Xeon Platinum 8380 @ 2.30GHz  |                                   | 62,318                | \$8,978.00* |             |         |              |
| AMD EPYC 74F3                       |                                   | 60,577                | \$3,047.00  |             |         |              |
| AMD EPYC 7642                       |                                   | 60,047                | \$1,185.00  |             |         |              |
| Intel Core i9-13900K                |                                   | 60,009                | \$569.97    |             |         |              |
| AMD EPYC 7513                       |                                   | 59,988                | \$2,840.00* |             |         |              |
| Intel Core i9-13900KF               |                                   | 59,509                | \$546.49    |             |         |              |
| Intel Xeon W-3375 @ 2.50GHz         |                                   | 59,069                | \$4,499.00* |             |         |              |
| Intel Xeon W-3365 @ 2.70GHz         |                                   | 59,038                | \$3,851.00* |             |         |              |
| AMD Ryzen 9 7945HX                  |                                   | 58,044                | NA          |             |         |              |
| AMD EPYC 7443P                      |                                   | 57,685                | \$1,683.99* |             |         |              |
| Intel Xeon Gold 5420+               |                                   | 57,593                | \$1,848.00* |             |         |              |
| Intel Xeon Gold 6414U               |                                   | 57,200                | \$2,296.00* |             |         |              |
| AMD EPYC 7542                       |                                   | 56,728                | \$1,298.06  |             |         |              |
| Intel Xeon Platinum 8375C @ 2.90GHz |                                   | 56,642                | NA          |             |         |              |
| AMD EPYC 7543                       |                                   | 56,562                | \$3,761.00* |             |         |              |
| AMD EPYC 9174F                      |                                   | 55,485                | \$4,654.00  |             |         |              |
| AMD EPYC 7443                       |                                   | 54,870                | \$2,230.99* |             |         |              |
| AMD Ryzen Threadripper 3960X        |                                   | 54,847                | \$1,474.51  |             |         |              |
| AMD EPYC 7532                       |                                   | 54,670                | \$1,959.00  |             |         |              |
| Intel Xeon Platinum 8358 @ 2.60GHz  |                                   | 54,416                | \$5,097.75* |             |         |              |
| Intel Core i9-13900F                |                                   | 52,525                | \$526.03    |             |         |              |
| AMD Ryzen 9 7900X                   |                                   | 52,507                | \$409.00    |             |         |              |
| Intel Xeon Gold 6348 @ 2.60GHz      |                                   | 52,276                | \$2,126.33  |             |         |              |
| AMD Ryzen 9 7900X3D                 |                                   | 51,279                | \$561.05    |             |         |              |
| Intel Xeon Gold 6314U @ 2.30GHz     |                                   | 51,014                | \$2,782.00* |             |         |              |
| AMD EPYC 7413                       |                                   | 50,223                | \$1,997.99* |             |         |              |
| AMD EPYC 7453                       |                                   | 50,209                | \$1,727.68  |             |         |              |
| AMD EPYC 7502P                      |                                   | 49,748                | \$1,699.96  |             |         |              |
| AMD Ryzen Threadripper PRO 5955WX   |                                   | 49,544                | \$1,099.99  |             |         |              |
| Intel Xeon Platinum 8347C @ 2.10GHz |                                   | 49,386                | NA          |             |         |              |
| AMD Ryzen 9 7900                    |                                   | 49,331                | \$419.99    |             |         |              |
| Intel Core i9-13900                 |                                   | 49,283                | \$549.99    |             |         |              |

|                       |        |           |
|-----------------------|--------|-----------|
| AMD EPYC 7K62         | 49,104 | NA        |
| Intel Core i9-13980HX | 48,956 | \$668.00* |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                      |        |             |
|--------------------------------------|--------|-------------|
| Intel Xeon W-3345 @ 3.00GHz          | 48,261 | \$2,499.00* |
| Intel Xeon w5-3435X                  | 47,670 | \$1,589.00* |
| AMD EPYC 7402                        | 47,633 | \$1,492.00  |
| Intel Xeon Gold 6342 @ 2.80GHz       | 47,320 | \$2,388.05* |
| Intel Core i7-13700K                 | 47,022 | \$407.99    |
| Intel Core i7-13700KF                | 46,872 | \$390.98    |
| AMD Ryzen 9 7845HX                   | 46,787 | NA          |
| Intel Xeon Gold 6338N @ 2.20GHz      | 46,583 | \$4,671.69* |
| Intel Xeon w5-2465X                  | 46,504 | \$1,389.00* |
| ARM Neoverse-N1 128 Core 3000 MHz    | 46,271 | NA          |
| AMD EPYC 73F3                        | 46,085 | \$3,966.35  |
| AMD Ryzen 9 5950X                    | 45,934 | \$441.71    |
| AMD EPYC 7502                        | 45,839 | \$875.00    |
| AMD EPYC 9124                        | 45,598 | \$1,797.00  |
| Intel Core i9-13900HX                | 45,555 | \$668.00*   |
| Intel Xeon Gold 6336Y @ 2.40GHz      | 45,517 | \$1,929.95  |
| Intel Core i9-13950HX                | 45,475 | \$590.00*   |
| Intel Xeon W-3275 @ 2.50GHz          | 44,820 | \$4,894.00* |
| Intel Core i9-12900KS                | 44,319 | \$399.99    |
| AMD EPYC 7343                        | 43,826 | \$1,699.99* |
| Intel Xeon Gold 6312U @ 2.40GHz      | 43,710 | \$1,809.59* |
| Intel Core i9-13900T                 | 43,673 | \$549.00*   |
| ARM Neoverse-N1 128 Core 2800 MHz    | 43,111 | NA          |
| Intel Xeon Gold 6330 @ 2.00GHz       | 43,056 | \$1,230.00  |
| AMD EPYC 7402P                       | 42,245 | \$888.76    |
| AMD EPYC 7601                        | 42,244 | \$1,429.99  |
| AMD EPYC 7313P                       | 41,809 | \$913.00*   |
| Intel Core i7-13700F                 | 41,731 | \$360.99    |
| Intel Core i9-12900K                 | 41,611 | \$352.99    |
| Intel Xeon Gold 6354 @ 3.00GHz       | 41,445 | \$2,757.99* |
| Intel Core i9-12900KF                | 41,416 | \$398.99    |
| AMD EPYC 7352                        | 41,281 | \$949.95    |
| AMD EPYC 7F52                        | 41,023 | \$3,100.00* |
| Apple M1 Ultra 20 Core               | 40,928 | NA          |
| Intel Xeon Platinum 8275CL @ 3.00GHz | 40,794 | NA          |
| AMD Ryzen Threadripper PRO 5945WX    | 40,623 | NA          |
| AMD EPYC 7551P                       | 40,619 | \$368.41    |
| AMD EPYC 7313                        | 40,605 | \$1,151.55  |
| AMD EPYC 7D12                        | 40,459 | NA          |
| AMD Ryzen Threadripper PRO 3955WX    | 40,263 | \$990.80    |
| Intel Xeon W-3275M @ 2.50GHz         | 39,979 | \$7,453.00* |
| AMD Ryzen 9 5900X                    | 39,319 | \$299.99    |
| Intel Xeon W-3335 @ 3.40GHz          | 39,317 | \$1,299.00* |
| AMD Ryzen 9 3950X                    | 38,971 | \$459.99    |

|                                 |        |            |
|---------------------------------|--------|------------|
| Intel Core i7-13700             | 38,967 | \$349.99   |
| Intel Xeon Gold 6248R @ 3.00GHz | 38,710 | \$1,993.65 |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                      |        |             |
|--------------------------------------|--------|-------------|
| Intel Core i7-13850HX                | 38,121 | \$428.00*   |
| Intel Xeon Gold 6346 @ 3.10GHz       | 37,722 | \$1,544.16  |
| Intel Xeon Gold 5320 @ 2.20GHz       | 37,558 | \$1,645.00  |
| Intel Xeon Gold 6238R @ 2.20GHz      | 37,511 | \$2,341.99  |
| Intel Xeon Silver 4316 @ 2.30GHz     | 37,264 | \$925.00    |
| Intel Core i9-12900F                 | 37,241 | \$425.00    |
| Intel Xeon W-3175X @ 3.10GHz         | 37,167 | \$2,660.69  |
| Intel Core i7-13700T                 | 36,730 | \$384.00*   |
| AMD Ryzen 7 7700X                    | 36,569 | \$315.75    |
| ARM Neoverse-N1 80 Core 3000 MHz     | 36,400 | NA          |
| Intel Xeon Gold 5416S                | 36,391 | \$944.00*   |
| AMD Ryzen 7 7700                     | 35,618 | \$319.79    |
| Intel Xeon Gold 6326 @ 2.90GHz       | 35,224 | \$1,349.34  |
| Intel Xeon Platinum 8180 @ 2.50GHz   | 35,208 | \$3,980.00  |
| Intel Core i9-12900HX                | 35,197 | \$606.00*   |
| AMD Ryzen 7 7800X3D                  | 35,143 | \$439.00    |
| Intel Xeon Gold 6242R @ 3.10GHz      | 34,963 | \$1,998.33  |
| Intel Core i7-12700K                 | 34,815 | \$409.00*   |
| AMD Ryzen 9 PRO 5945                 | 34,815 | NA          |
| Intel Core i9-12900                  | 34,761 | \$449.99    |
| Intel Core i7-12700KF                | 34,599 | \$276.00    |
| AMD Ryzen 9 5900                     | 34,588 | NA          |
| Intel Core i7-13700HX                | 34,446 | \$485.00*   |
| AMD Ryzen 7 7745HX                   | 34,281 | NA          |
| Intel Xeon Gold 6240R @ 2.40GHz      | 34,206 | \$1,399.38  |
| Intel Xeon Gold 6230R @ 2.10GHz      | 34,183 | \$1,369.41  |
| Intel Xeon Platinum 8260M @ 2.30GHz  | 33,970 | \$7,705.00* |
| Intel Core i5-13600                  | 33,854 | \$255.00*   |
| Intel Xeon D-2799 @ 2.40GHz          | 33,792 | \$1,933.00* |
| Intel Xeon w5-2445                   | 33,616 | \$839.00*   |
| AMD Ryzen Threadripper PRO 3945WX    | 33,503 | NA          |
| Intel Core i7-12800HX                | 33,456 | \$457.00*   |
| Intel Xeon Gold 5220R @ 2.20GHz      | 33,370 | \$1,320.00  |
| Intel Xeon Gold 5318Y @ 2.10GHz      | 33,283 | \$1,700.00* |
| Intel Xeon Platinum 8259CL @ 2.50GHz | 33,279 | NA          |
| Intel Core i9-12950HX                | 33,054 | \$590.00*   |
| Intel Core i9-10980XE @ 3.00GHz      | 32,961 | \$1,121.48  |
| Intel Xeon Gold 6278C @ 2.60GHz      | 32,835 | NA          |
| AMD Ryzen 9 3900XT                   | 32,785 | \$390.00    |
| Intel Xeon Platinum 8280 @ 2.70GHz   | 32,781 | \$4,410.10  |
| AMD Ryzen 9 3900X                    | 32,721 | \$216.99    |
| AMD EPYC 7302                        | 32,691 | \$567.58    |
| Intel Core i5-13500                  | 32,676 | \$247.98    |
| Intel Core i7-13650HX                | 32,644 | \$485.00*   |

|                                    |        |            |
|------------------------------------|--------|------------|
| AMD EPYC 7302P                     | 32,627 | \$849.00   |
| Intel Xeon Platinum 8168 @ 2.70GHz | 32,606 | \$2,292.00 |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                     |        |             |
|-------------------------------------|--------|-------------|
| Intel Core i9-9980XE @ 3.00GHz      | 32,048 | \$1,087.01  |
| Intel Xeon W-3265M @ 2.70GHz        | 32,025 | \$6,353.00* |
| Intel Xeon Platinum 8173M @ 2.00GHz | 31,837 | NA          |
| Intel Xeon Platinum 8268 @ 2.90GHz  | 31,632 | \$6,005.98* |
| Intel Core i9-12900E                | 31,530 | NA          |
| Intel Core i9-12900T                | 31,477 | \$489.00*   |
| AMD Ryzen 9 PRO 3900                | 31,337 | NA          |
| Intel Core i5-13500HX               | 31,326 | \$326.00*   |
| Intel Core i9-13900H                | 31,262 | \$617.00*   |
| Intel Core i7-12700F                | 31,218 | \$284.99    |
| AMD Ryzen 7 7840HS                  | 31,201 | NA          |
| Intel Core i7-12700                 | 31,127 | \$325.49    |
| AMD EPYC 7371                       | 31,094 | \$609.99    |
| AMD Ryzen 9 3900                    | 30,793 | \$504.05    |
| AMD Ryzen 9 7940HS                  | 30,644 | NA          |
| Intel Xeon Platinum 8171M @ 2.60GHz | 30,632 | NA          |
| AMD EPYC Embedded 7292P             | 30,542 | NA          |
| Intel Xeon Gold 6246R @ 3.40GHz     | 30,468 | \$1,991.93  |
| Intel Core i7-12850HX               | 30,453 | \$428.00*   |
| Intel Core i9-7980XE @ 2.60GHz      | 30,417 | \$773.28    |
| Intel Xeon W-3245 @ 3.20GHz         | 30,343 | \$2,683.99* |
| Intel Xeon W-2295 @ 3.00GHz         | 30,310 | \$1,670.26* |
| Intel Core i9-9960X @ 3.10GHz       | 30,280 | \$1,398.11  |
| Intel Core i9-9990XE @ 4.00GHz      | 30,162 | \$2,163.00* |
| Intel Xeon W-3265 @ 2.70GHz         | 30,105 | \$4,551.37* |
| AMD Ryzen Threadripper 2970WX       | 30,097 | \$1,439.00  |
| Intel Core i7-12800HE               | 29,805 | \$506.00*   |
| Intel Core i5-13600HX               | 29,716 | \$284.00*   |
| Intel Xeon Silver 4410Y             | 29,585 | \$563.00*   |
| Intel Core i7-13700H                | 29,553 | \$502.00*   |
| Intel Xeon Gold 6248 @ 2.50GHz      | 29,504 | \$1,445.00  |
| Intel Xeon Gold 6154 @ 3.00GHz      | 29,488 | \$1,697.00  |
| Intel Xeon Platinum 8260 @ 2.40GHz  | 29,360 | \$2,735.00  |
| Intel Xeon Gold 6254 @ 3.10GHz      | 29,356 | \$2,299.50  |
| Intel Xeon Silver 4314 @ 2.40GHz    | 29,347 | \$525.75    |
| AMD Ryzen Threadripper 2950X        | 29,314 | \$1,075.00  |
| Intel Xeon Gold 6148 @ 2.40GHz      | 28,993 | \$395.85    |
| AMD Ryzen 5 7600X                   | 28,972 | \$218.00    |
| AMD EPYC 7282                       | 28,927 | \$495.00    |
| Intel Xeon Gold 6210U @ 2.50GHz     | 28,915 | \$2,343.23* |
| Intel Xeon W-3245M @ 3.20GHz        | 28,908 | \$5,002.00* |
| Intel Core i9-12900H                | 28,904 | \$617.00*   |
| Intel Xeon Silver 4410T             | 28,859 | \$624.00*   |
| Intel Xeon W-2191B @ 2.30GHz        | 28,765 | NA          |
| Intel Xeon Gold 6253CL @ 3.10GHz    | 28,549 | NA          |



|                             |        |             |
|-----------------------------|--------|-------------|
| Intel Core i9-12900HK       | 28,512 | \$635.00*   |
| Intel Xeon W-2195 @ 2.30GHz | 28,456 | \$1,983.82* |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                     |        |             |
|-------------------------------------|--------|-------------|
| Intel Core i9-9940X @ 3.30GHz       | 28,249 | \$871.03    |
| AMD Ryzen 7 5800X3D                 | 28,198 | \$289.55    |
| AMD Ryzen 7 5800X                   | 28,068 | \$225.03    |
| ARM Neoverse-N1 64 Core 0 MHz       | 28,064 | NA          |
| Intel Core i7-13800H                | 28,042 | \$457.00*   |
| AMD Ryzen 5 7600                    | 27,982 | \$219.99    |
| Intel Xeon Platinum 8160 @ 2.10GHz  | 27,968 | \$2,295.00  |
| Intel Xeon W-2275 @ 3.30GHz         | 27,921 | \$2,058.00* |
| Intel Core i5-12600K                | 27,842 | \$199.99    |
| Intel Core i9-10940X @ 3.30GHz      | 27,822 | \$897.05    |
| AMD Ryzen Threadripper 1950X        | 27,711 | \$583.10*   |
| Intel Core i5-13490F                | 27,675 | \$263.66    |
| Intel Xeon Gold 6238 @ 2.10GHz      | 27,617 | \$7,360.00  |
| Intel Xeon Gold 6212U @ 2.40GHz     | 27,470 | \$2,000.00* |
| Intel Core i5-12600KF               | 27,469 | \$219.94    |
| AMD EPYC 7571                       | 27,445 | NA          |
| Intel Core i9-7960X @ 2.80GHz       | 27,436 | \$367.98    |
| Intel Xeon Gold 5317 @ 3.00GHz      | 27,402 | \$969.38    |
| Intel Xeon Platinum 8124M @ 3.00GHz | 27,336 | NA          |
| Intel Xeon w3-2435                  | 27,258 | \$669.00*   |
| AMD EPYC 72F3                       | 27,252 | \$2,660.10  |
| Intel Core i7-13620H                | 27,192 | \$502.00*   |
| Intel Xeon Gold 6252 @ 2.10GHz      | 27,148 | \$1,785.00  |
| Intel Core i5-13600T                | 27,143 | \$255.00*   |
| Intel Xeon Gold 6142 @ 2.60GHz      | 27,114 | \$237.50    |
| Intel Xeon Gold 6226R @ 2.90GHz     | 27,092 | \$1,199.00  |
| Intel Xeon Gold 6208U @ 2.90GHz     | 27,085 | \$717.78    |
| Intel Core i5-13450HX               | 26,936 | \$326.00*   |
| Intel Xeon Gold 6150 @ 2.70GHz      | 26,905 | \$449.00    |
| Intel Xeon Gold 6230 @ 2.10GHz      | 26,888 | \$1,276.75  |
| AMD Ryzen 7 5700X                   | 26,840 | \$184.99    |
| Intel Xeon Platinum 8175M @ 2.50GHz | 26,659 | NA          |
| Intel Core i7-12700H                | 26,617 | \$457.00*   |
| AMD Ryzen Threadripper 2990X        | 26,469 | NA          |
| Apple M2 Pro 12 Core 3480 MHz       | 26,428 | NA          |
| Intel Core i9-10920X @ 3.50GHz      | 26,374 | \$757.90    |
| Intel Core i9-7940X @ 3.10GHz       | 26,345 | \$500.00    |
| AMD Ryzen 7 PRO 5845                | 26,305 | NA          |
| Intel Xeon Gold 6242 @ 2.80GHz      | 26,288 | \$1,348.24  |
| Apple M2 Max 12 Core 3680 MHz       | 26,231 | NA          |
| Intel Core i9-13900HK               | 26,128 | \$697.00*   |
| Intel Xeon W-3235 @ 3.30GHz         | 26,071 | \$1,998.95* |
| Intel Core i5-13400F                | 25,982 | \$164.99    |
| Intel Xeon W-2265 @ 3.50GHz         | 25,965 | \$1,172.31* |
| Intel Xeon Gold 5218R @ 2.10GHz     | 25,916 | \$792.14    |

|                             |        |           |
|-----------------------------|--------|-----------|
| AMD Ryzen 7 5800            | 25,892 | NA        |
| Intel Xeon W-3323 @ 3.50GHz | 25,875 | \$949.00* |

CPU Benchmarks    Video Card Benchmarks    Hard Drive Benchmarks    RAM    PC Systems    Android    iOS / iPhone

|                                     |        |             |
|-------------------------------------|--------|-------------|
| Intel Core i5-13600H                | 25,776 | \$311.00*   |
| Intel Xeon E5-2698R v4 @ 2.20GHz    | 25,605 | NA          |
| AMD EPYC 7272                       | 25,568 | \$599.00    |
| Intel Core i9-11900K @ 3.50GHz      | 25,492 | \$318.90    |
| AMD EPYC 7351P                      | 25,484 | \$300.00    |
| Intel Xeon W-1390P @ 3.50GHz        | 25,451 | NA          |
| Intel Xeon Platinum 8167M @ 2.00GHz | 25,396 | NA          |
| Intel Core i9-11900KF @ 3.50GHz     | 25,362 | \$415.99    |
| Intel Core i9-9920X @ 3.50GHz       | 25,320 | \$610.31    |
| Intel Xeon Gold 5415+               | 25,033 | \$1,066.00* |
| AMD Ryzen Threadripper 2920X        | 25,021 | \$950.00    |
| Intel Core i7-12800H                | 24,985 | \$457.00*   |
| AMD Ryzen 9 6900HX                  | 24,979 | NA          |
| Intel Xeon W-1370P @ 3.60GHz        | 24,961 | \$508.99    |
| AMD EPYC 7501                       | 24,925 | \$3,616.00* |
| Intel Xeon Gold 6138T @ 2.00GHz     | 24,800 | \$3,345.78  |
| Intel Xeon Gold 6143 @ 2.80GHz      | 24,786 | NA          |
| AMD Ryzen 7 PRO 7840HS              | 24,715 | NA          |
| AMD Ryzen 7 5700G                   | 24,698 | \$167.86    |
| Intel Xeon E5-2699 v4 @ 2.20GHz     | 24,686 | \$4,019.91* |
| Intel Xeon Gold 6152 @ 2.10GHz      | 24,680 | \$341.00    |
| Intel Core i7-11700K @ 3.60GHz      | 24,667 | \$276.10    |
| Intel Xeon E5-2696 v4 @ 2.20GHz     | 24,596 | \$1,957.18  |
| AMD Ryzen 7 PRO 5750G               | 24,514 | NA          |
| AMD Ryzen 7 5700                    | 24,485 | NA          |
| Intel Core i5-12600HX               | 24,470 | \$284.00*   |
| Intel Xeon Gold 6246 @ 3.30GHz      | 24,446 | \$3,113.22* |
| AMD Ryzen 7 7735HS                  | 24,396 | NA          |
| AMD Ryzen 7 7735H                   | 24,326 | NA          |
| Intel Xeon Gold 5220 @ 2.20GHz      | 24,154 | \$1,019.05  |
| Intel Xeon E5-2679 v4 @ 2.50GHz     | 24,131 | \$2,702.00* |
| Intel Core i7-12650H                | 24,121 | \$457.00*   |
| Intel Core i7-11700KF @ 3.60GHz     | 24,087 | \$262.99    |
| AMD Ryzen 9 6900HS                  | 24,029 | NA          |
| Intel Xeon W-2170B @ 2.50GHz        | 23,964 | NA          |
| Intel Xeon Gold 6140 @ 2.30GHz      | 23,937 | \$237.50    |
| Intel Xeon W-1370 @ 2.90GHz         | 23,908 | \$468.99    |
| Intel Xeon W-1390 @ 2.80GHz         | 23,902 | \$573.99    |
| AMD Ryzen 7 7736U                   | 23,860 | NA          |
| AMD Ryzen 7 6800H                   | 23,802 | NA          |
| Intel Xeon Gold 6122 @ 1.80GHz      | 23,781 | \$2,002.00* |
| AMD Ryzen 7 3800XT                  | 23,738 | \$206.50    |
| Intel Xeon E-2388G @ 3.20GHz        | 23,725 | \$539.00*   |
| AMD Ryzen 9 5980HX                  | 23,705 | NA          |
| Intel Xeon W-11865MRE @ 2.60GHz     | 23,702 | \$480.00*   |

|                               |        |          |
|-------------------------------|--------|----------|
| Intel Core i9-7920X @ 2.90GHz | 23,601 | \$226.07 |
| AMD EPYC 7351                 | 23,566 | \$649.00 |

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|                                      |        |             |
|--------------------------------------|--------|-------------|
| Intel Xeon Gold 6146 @ 3.20GHz       | 23,296 | \$1,483.95  |
| AMD Ryzen 9 PRO 6950HS               | 23,295 | NA          |
| Intel Core i9-10900K @ 3.70GHz       | 23,264 | \$319.99    |
| AMD Ryzen 7 3800X                    | 23,250 | \$164.87    |
| Intel Core i9-11980HK @ 2.60GHz      | 23,199 | \$583.00*   |
| Intel Xeon E5-2696 v3 @ 2.30GHz      | 23,187 | \$546.99*   |
| Intel Xeon Platinum 8176 @ 2.10GHz   | 23,179 | \$2,793.70* |
| AMD Ryzen 7 PRO 6850H                | 23,173 | NA          |
| Intel Xeon W-2175 @ 2.50GHz          | 23,071 | \$800.00*   |
| Intel Xeon E5-2698 v4 @ 2.20GHz      | 23,048 | \$908.70*   |
| Intel Core i5-13500T                 | 23,033 | \$232.00*   |
| AMD Ryzen 7 PRO 3700                 | 23,011 | \$329.99*   |
| Intel Core i5-12600H                 | 22,998 | \$311.00*   |
| Intel Core i9-11900 @ 2.50GHz        | 22,988 | \$419.99    |
| Intel Xeon Silver 4310 @ 2.10GHz     | 22,978 | \$419.56    |
| Intel Core i9-11900KB @ 3.30GHz      | 22,970 | \$539.00*   |
| Intel Xeon W-11955M @ 2.60GHz        | 22,967 | \$623.00*   |
| AMD Ryzen 7 6800HS                   | 22,962 | NA          |
| AMD Ryzen Threadripper 1920X         | 22,957 | \$209.99    |
| Intel Core i9-10900KF @ 3.70GHz      | 22,942 | \$315.19    |
| Intel Core i7-11700B @ 3.20GHz       | 22,910 | NA          |
| AMD Ryzen 7 6800HS Creator Edition   | 22,888 | NA          |
| AMD Ryzen 9 5900HX                   | 22,830 | NA          |
| Intel Xeon E-2378G @ 2.80GHz         | 22,755 | \$659.53*   |
| Intel Core i9-11900F @ 2.50GHz       | 22,747 | \$418.99    |
| Intel Xeon Gold 6132 @ 2.60GHz       | 22,734 | \$252.00    |
| Intel Xeon W-1290P @ 3.70GHz         | 22,730 | \$649.40*   |
| AMD Ryzen 9 PRO 6950H                | 22,681 | NA          |
| Intel Core i9-10850K @ 3.60GHz       | 22,679 | \$265.99    |
| Intel Xeon Platinum P-8124 @ 3.00GHz | 22,674 | NA          |
| AMD Ryzen 7 3700X                    | 22,663 | \$146.97    |
| AMD Ryzen 9 6900HS Creator Edition   | 22,562 | NA          |
| Intel Core i9-10900X @ 3.70GHz       | 22,482 | \$604.97    |
| Intel Core i7-1370P                  | 22,416 | NA          |
| Intel Xeon Gold 5218 @ 2.30GHz       | 22,376 | \$977.00    |
| Intel Xeon E5-2699C v4 @ 2.20GHz     | 22,308 | NA          |
| Intel Xeon W-2255 @ 3.70GHz          | 22,205 | \$778.00*   |
| Intel Core i5-1350P                  | 22,199 | \$320.00*   |
| AMD Ryzen 7 5700GE                   | 22,196 | NA          |
| Intel Xeon Gold 6334 @ 3.60GHz       | 22,160 | \$2,322.50  |
| AMD Ryzen 9 5900HS Creator Edition   | 22,138 | NA          |
| Apple M1 Max 10 Core 3200 MHz        | 22,100 | NA          |
| AMD Ryzen Threadripper 1920          | 22,066 | NA          |
| AMD Ryzen 7 PRO 5750GE               | 22,050 | NA          |



|                        |        |           |
|------------------------|--------|-----------|
| AMD Ryzen 7 PRO 6850HS | 22,044 | NA        |
| AMD EPYC 7281          | 21,981 | \$999.99* |

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|                                    |        |             |
|------------------------------------|--------|-------------|
| AMD Ryzen 5 PRO 5645               | 21,904 | NA          |
| Intel Core i9-9900X @ 3.50GHz      | 21,898 | \$553.29    |
| Apple M1 Pro 10 Core 3200 MHz      | 21,887 | NA          |
| Intel Xeon Gold 6130T @ 2.10GHz    | 21,804 | \$2,550.00  |
| Intel Core i9-10910 @ 3.60GHz      | 21,798 | NA          |
| Intel Xeon E5-2697A v4 @ 2.60GHz   | 21,769 | NA          |
| Intel Core i7-12700T               | 21,757 | \$339.00*   |
| Apple M2 Pro 10 Core 3480 MHz      | 21,687 | NA          |
| Intel Core i9-11950H @ 2.60GHz     | 21,671 | \$556.00*   |
| AMD Ryzen 5 5600                   | 21,650 | \$119.99    |
| Intel Xeon E7-8891 v3 @ 2.80GHz    | 21,615 | \$6,841.00* |
| AMD EPYC 7551                      | 21,600 | \$588.00    |
| Intel Core i5-12500H               | 21,575 | \$311.00*   |
| Intel Core i5-12600                | 21,486 | \$260.00    |
| Intel Xeon D-2796TE @ 2.00GHz      | 21,463 | \$2,184.00* |
| Intel Xeon Gold 5218T @ 2.10GHz    | 21,433 | \$1,349.00* |
| Intel Xeon Gold 6136 @ 3.00GHz     | 21,413 | \$398.95    |
| AMD Ryzen 7 5800H                  | 21,255 | NA          |
| AMD Ryzen 7 7735U                  | 21,237 | NA          |
| Intel Core i9-7900X @ 3.30GHz      | 21,222 | \$237.56    |
| Intel Core i7-11700F @ 2.50GHz     | 21,192 | \$225.99    |
| AMD Ryzen 7 5800HS Creator Edition | 21,166 | NA          |
| Intel Core i9-11900H @ 2.50GHz     | 21,116 | \$546.00*   |
| Intel Xeon E5-2686 v4 @ 2.30GHz    | 21,084 | NA          |
| Intel Core i5-1340P                | 21,060 | \$353.00*   |
| AMD Ryzen 9 5980HS                 | 21,058 | NA          |
| Intel Xeon E5-2673 v4 @ 2.30GHz    | 21,056 | \$1,950.00* |
| Intel Core i7-7900X @ 3.30GHz      | 21,008 | NA          |
| AMD Ryzen 7 PRO 6860Z              | 20,991 | NA          |
| Intel Xeon Silver 4310T @ 2.30GHz  | 20,973 | \$783.99*   |
| AMD Ryzen 9 5900H                  | 20,960 | NA          |
| Intel Xeon Gold 6130 @ 2.10GHz     | 20,956 | \$1,149.45  |
| Intel Xeon W-2155 @ 3.30GHz        | 20,941 | \$1,530.39* |
| Intel Xeon Gold 6250 @ 3.90GHz     | 20,915 | \$2,200.00  |
| AMD Ryzen 7 PRO 6850U              | 20,905 | NA          |
| Intel Core i7-11800H @ 2.30GHz     | 20,904 | \$395.00*   |
| Intel Xeon Gold 6144 @ 3.50GHz     | 20,852 | \$1,890.00  |

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|----------------------------------|--------|----|
| AMD Ryzen 7 PRO 4700G            | 20,848 | NA |
| Intel Xeon E5-2697R v4 @ 2.30GHz | 20,843 | NA |

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|                                  |        |             |
|----------------------------------|--------|-------------|
| AMD EPYC 7262                    | 20,795 | \$487.10    |
| Intel Core i5-12490F             | 20,727 | \$181.99    |
| Intel Xeon Gold 5315Y @ 3.20GHz  | 20,724 | \$1,998.95* |
| Intel Core i5-12500E             | 20,699 | \$225.00*   |
| AMD Ryzen 7 6800U                | 20,691 | NA          |
| Intel Xeon Silver 4216 @ 2.10GHz | 20,613 | \$750.00    |
| AMD Ryzen 7 PRO 4750G            | 20,549 | \$248.97    |
| AMD Ryzen 7 5800HS               | 20,505 | NA          |
| Intel Core i9-10900F @ 2.80GHz   | 20,477 | \$332.80    |
| AMD EPYC 7451                    | 20,471 | \$999.00    |
| Intel Xeon W-2150B @ 3.00GHz     | 20,430 | NA          |
| Intel Core i7-1280P              | 20,381 | \$482.00*   |
| Intel Xeon E5-4667 v4 @ 2.20GHz  | 20,319 | \$5,729.00* |
| AMD Ryzen 7 4700G                | 20,252 | \$235.12    |
| AMD Ryzen 7 4700GE               | 20,249 | NA          |
| Intel Xeon W-1290 @ 3.20GHz      | 20,157 | \$588.67*   |
| Intel Core i9-10900 @ 2.80GHz    | 20,157 | \$399.00    |
| Intel Xeon E5-2699 v3 @ 2.30GHz  | 20,127 | \$589.95    |
| Intel Xeon E5-2697 v4 @ 2.30GHz  | 20,121 | \$422.00    |
| AMD Ryzen 5 PRO 6650H            | 20,103 | NA          |
| AMD Ryzen 5 PRO 5650G            | 20,062 | NA          |
| Intel Xeon Gold 6138 @ 2.00GHz   | 20,017 | \$425.81    |
| Intel Core i7-11700 @ 2.50GHz    | 19,984 | \$194.99    |
| Intel Core i5-13420H             | 19,950 | \$342.00*   |
| AMD Ryzen 5 5600G                | 19,941 | \$121.80    |
| Intel Core i5-12500              | 19,939 | \$202.00*   |
| Intel Xeon E5-2690 v4 @ 2.60GHz  | 19,888 | \$471.45    |
| Intel Xeon W-1350P @ 4.00GHz     | 19,853 | \$372.23    |
| Intel Xeon D-1747NTE @ 2.50GHz   | 19,822 | \$1,201.00* |
| Intel Xeon Gold 6226 @ 2.70GHz   | 19,810 | \$1,048.57  |
| Intel Core i5-13400T             | 19,805 | \$221.00*   |
| Intel Core i9-9820X @ 3.30GHz    | 19,757 | \$496.83    |
| Intel Core i5-12400F             | 19,748 | \$149.99    |
| Intel Core i5-11600K @ 3.90GHz   | 19,737 | \$178.48    |
| Intel Core i7-1360P              | 19,726 | \$480.00*   |
| Intel Core i5-11600KF @ 3.90GHz  | 19,713 | \$214.82    |
| Intel Core i9-10900E @ 2.80GHz   | 19,705 | \$444.00*   |
| Intel Xeon E5-2682 v4 @ 2.50GHz  | 19,702 | NA          |
| Intel Xeon E5-2695 v4 @ 2.10GHz  | 19,656 | \$477.45    |
| AMD Ryzen 5 5500                 | 19,623 | \$84.99     |
| Intel Core i9-9900KS @ 4.00GHz   | 19,570 | \$957.60    |
| Intel Core i5-12400              | 19,537 | \$192.00*   |
| AMD EPYC 3451                    | 19,532 | NA          |
| Intel Xeon E-2356G @ 3.20GHz     | 19,523 | \$333.00*   |
| AMD Ryzen 5 7535HS               | 19,523 | NA          |

|                                |        |             |
|--------------------------------|--------|-------------|
| Intel Xeon Gold 6244 @ 3.60GHz | 19,500 | \$2,970.00* |
| Intel Xeon W-2245 @ 3.90GHz    | 19,475 | \$841.75*   |

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|------------------------------------|--------|-------------|
| Intel Xeon Gold 6137 @ 3.90GHz     | 19,365 | NA          |
| AMD Ryzen 9 4900H                  | 19,317 | NA          |
| AMD Ryzen 7 7730U                  | 19,287 | NA          |
| Intel Xeon W-1270P @ 3.80GHz       | 19,245 | \$789.99    |
| Intel Xeon Silver 4309Y @ 2.80GHz  | 19,227 | \$434.31    |
| Intel Xeon Gold 6126 @ 2.60GHz     | 19,223 | \$180.96    |
| AMD Ryzen 9 4900HS                 | 19,197 | NA          |
| AMD Ryzen 5 6600H                  | 19,120 | NA          |
| Intel Core i7-10700K @ 3.80GHz     | 19,027 | \$261.19    |
| Intel Xeon W-1350 @ 3.30GHz        | 19,015 | \$335.99    |
| Intel Xeon E5-2676 v4 @ 2.40GHz    | 18,978 | NA          |
| AMD Ryzen 5 6600HS Creator Edition | 18,942 | NA          |
| Intel Core i7-10700KF @ 3.80GHz    | 18,898 | \$274.99    |
| Intel Xeon E5-2698 v3 @ 2.30GHz    | 18,893 | \$7,840.00* |
| Intel Xeon E5-2697 v3 @ 2.60GHz    | 18,888 | \$170.00    |
| AMD Ryzen 5 5600GE                 | 18,872 | NA          |
| Hygon C86 7255 16-core             | 18,831 | NA          |
| ARM Neoverse-N1 80 Core 2600 MHz   | 18,823 | NA          |
| Intel Xeon W-1290E @ 3.50GHz       | 18,786 | \$500.00*   |
| AMD Ryzen 7 4800H                  | 18,776 | NA          |
| Intel Core i5-1335U                | 18,741 | \$340.00*   |
| AMD Ryzen 5 3600XT                 | 18,720 | \$368.00    |
| AMD Ryzen 7 5800U                  | 18,677 | NA          |
| AMD Ryzen 7 4800HS                 | 18,673 | NA          |
| Intel Xeon W-1270E @ 3.40GHz       | 18,635 | \$367.00*   |
| Intel Core i9-11900T @ 1.50GHz     | 18,547 | \$439.00*   |
| AMD Ryzen 7 5825U                  | 18,545 | NA          |
| AMD Ryzen 5 PRO 5650GE             | 18,526 | NA          |
| Intel Core i9-9900K @ 3.60GHz      | 18,498 | \$565.00    |
| Intel Core i9-9900KF @ 3.60GHz     | 18,489 | \$374.99    |
| AMD Ryzen 7 PRO 4750GE             | 18,456 | NA          |
| Intel Xeon W-1290T @ 1.90GHz       | 18,409 | \$494.00*   |
| Intel Xeon D-2183IT @ 2.20GHz      | 18,385 | \$1,764.00* |
| AMD Ryzen Embedded V3C48           | 18,361 | NA          |
| Intel Xeon W-11855M @ 3.20GHz      | 18,324 | \$450.00*   |
| AMD Ryzen 5 3600X                  | 18,255 | \$129.88    |
| Intel Xeon E7-8880 v3 @ 2.30GHz    | 18,244 | \$133.00*   |
| Intel Xeon Silver 4214R @ 2.40GHz  | 18,227 | \$494.79    |
| Intel Xeon W-2145 @ 3.70GHz        | 18,217 | \$1,224.67* |
| Intel Xeon E5-2687W v4 @ 3.00GHz   | 18,208 | \$930.00    |
| AMD Ryzen 7 Extreme Edition        | 18,185 | NA          |
| Intel Core i5-11600 @ 2.80GHz      | 18,170 | \$247.99    |
| Intel Xeon E5-2686 v3 @ 2.00GHz    | 18,148 | NA          |
| Intel Core i7-9800X @ 3.80GHz      | 18,133 | \$298.67    |
| Intel Xeon Gold 5120T @ 2.20GHz    | 18,127 | \$1,727.00* |

|                               |        |             |
|-------------------------------|--------|-------------|
| AMD 4700S                     | 18,111 | NA          |
| Intel Xeon D-2187NT @ 2.00GHz | 18,070 | \$1,989.00* |

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|   |        |             |
|---|--------|-------------|
| Intel Xeon D-1736NT @ 2.70GHz               | 17,826 | NA          |
| Intel Core i5-11500B @ 3.30GHz              | 17,801 | NA          |
| AMD Ryzen 5 3600                            | 17,795 | \$83.49     |
| Intel Xeon W-1270 @ 3.40GHz                 | 17,755 | \$362.00*   |
| Intel Core i7-1270P                         | 17,743 | NA          |
| Intel Core i5-1250PE                        | 17,738 | \$355.00*   |
| AMD Ryzen 5 PRO 3600                        | 17,708 | NA          |
| Intel Xeon Gold 5120 @ 2.20GHz              | 17,686 | \$1,561.00* |
| Intel Xeon E5-2683 v4 @ 2.10GHz             | 17,595 | \$245.00    |
| AMD Ryzen 7 2700X                           | 17,578 | \$108.80    |
| Intel Core i5-12600T                        | 17,517 | NA          |
| Intel Core i5-1240P                         | 17,512 | NA          |
| Intel Xeon W-11555MRE @ 2.60GHz             | 17,484 | \$326.00*   |
| AMD Ryzen 7 4980U Microsoft Surface Edition | 17,469 | NA          |
| Intel Core i7-6950X @ 3.00GHz               | 17,457 | \$283.46    |
| Intel Core i5-11500 @ 2.70GHz               | 17,451 | \$208.50    |
| Intel Xeon W-3223 @ 3.50GHz                 | 17,441 | \$820.55*   |
| Intel Xeon E5-4669 v3 @ 2.10GHz             | 17,430 | \$5,400.00* |
| Intel Core i7-1260P                         | 17,381 | NA          |
| AMD Ryzen 7 PRO 5850U                       | 17,364 | NA          |
| Intel Xeon E-2288G @ 3.70GHz                | 17,351 | \$539.00*   |
| Intel Xeon W-2140B @ 3.20GHz                | 17,324 | NA          |
| AMD Ryzen 5 PRO 7530U                       | 17,289 | NA          |
| Intel Core i7-7820X @ 3.60GHz               | 17,273 | \$329.88    |
| AMD Ryzen 5 6600U                           | 17,256 | NA          |
| Intel Xeon E-2378 @ 2.60GHz                 | 17,215 | \$468.81    |
| Intel Core i5-11400F @ 2.60GHz              | 17,173 | \$119.99    |
| Apple M1 Pro 8 Core 3200 MHz                | 17,169 | NA          |
| AMD Ryzen 5 5600H                           | 17,168 | NA          |
| AMD Ryzen Embedded V2748                    | 17,166 | NA          |
| AMD Ryzen 5 4400G                           | 17,160 | NA          |
| Intel Core i5-11400 @ 2.60GHz               | 17,094 | \$139.40    |
| Intel Xeon E5-2689 v4 @ 3.10GHz             | 17,040 | NA          |
| AMD EPYC 7232P                              | 17,017 | \$437.59    |
| AMD Ryzen Threadripper 1900X                | 16,995 | \$139.99    |
| Intel Xeon E-2278G @ 3.40GHz                | 16,964 | \$494.00*   |
| Intel Core i5-12500T                        | 16,951 | \$202.00*   |
| AMD Ryzen 7 4800U                           | 16,940 | NA          |
| Intel Core i9-10900TE @ 1.80GHz             | 16,914 | \$444.00*   |
| Intel Xeon E5-2680R v4 @ 2.40GHz            | 16,865 | NA          |
| AMD Ryzen 5 7535U                           | 16,856 | NA          |
| AMD Ryzen 7 PRO 2700X                       | 16,846 | NA          |
| Intel Core i7-10700F @ 2.90GHz              | 16,789 | \$189.99    |
| Intel Core i9-9900 @ 3.10GHz                | 16,713 | \$499.00    |
| AMD Ryzen 5 PRO 6650U                       | 16,680 | NA          |

|                                |        |          |
|--------------------------------|--------|----------|
| Intel Xeon E-2336 @ 2.90GHz    | 16,673 | \$347.99 |
| Intel Xeon Gold 6134 @ 3.20GHz | 16,651 | \$228.00 |

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|-----------------------------------|--------|-----------|
| Intel Core i5-12400T              | 16,573 | \$149.99  |
| Intel Xeon Gold 5118 @ 2.30GHz    | 16,570 | \$448.95  |
| AMD Ryzen 7 PRO 5875U             | 16,520 | NA        |
| AMD Ryzen Embedded V2718          | 16,456 | NA        |
| Intel Core i5-12500TE             | 16,456 | \$205.00* |
| Intel Xeon E5-2695 v3 @ 2.30GHz   | 16,452 | \$213.19  |
| Intel Xeon Silver 4214Y @ 2.20GHz | 16,442 | \$560.22  |
| AMD Ryzen 7 1800X                 | 16,423 | \$295.00  |
| Intel Core i7-10700E @ 2.90GHz    | 16,418 | \$330.00* |
| Intel Core i7-11850HE @ 2.60GHz   | 16,409 | \$440.00* |
| Intel Xeon E5-2690 v3 @ 2.60GHz   | 16,394 | \$49.00   |
| Intel Core i5-1345U               | 16,371 | \$309.00* |
| AMD Ryzen 5 PRO 4400G             | 16,354 | NA        |
| Intel Core i7-10700TE @ 2.00GHz   | 16,332 | \$330.00* |
| AMD Ryzen 5 PRO 4650G             | 16,318 | \$106.99  |
| AMD Ryzen 5 4500                  | 16,231 | \$75.09   |
| Intel Core i7-11700T @ 1.40GHz    | 16,182 | \$323.00* |
| AMD Ryzen 5 7530U                 | 16,143 | NA        |
| Intel Xeon E5-2669 v3 @ 2.30GHz   | 16,107 | NA        |
| Intel Xeon w3-2423                | 16,104 | NA        |
| Intel Xeon Silver 4214 @ 2.20GHz  | 16,074 | \$399.40  |
| Intel Core i5-11500H @ 2.90GHz    | 16,011 | \$250.00* |
| Intel Xeon E5-2660 v4 @ 2.00GHz   | 16,005 | \$69.00   |
| Intel Xeon W-11865MLE @ 1.50GHz   | 15,958 | \$467.00* |
| AMD Ryzen 5 4600G                 | 15,924 | \$101.99  |
| AMD Ryzen 7 4850U Mobile          | 15,920 | NA        |
| Intel Core i7-11600H @ 2.90GHz    | 15,919 | \$395.00* |
| Intel Core i5-11400H @ 2.70GHz    | 15,911 | \$250.00* |
| Intel Xeon E-2278GE @ 3.30GHz     | 15,895 | \$494.00* |
| AMD Ryzen 7 5700U                 | 15,849 | NA        |
| Intel Core i9-10980HK @ 2.40GHz   | 15,838 | \$583.00* |
| Intel Xeon Gold 5117 @ 2.00GHz    | 15,816 | NA        |
| Intel Core i7-1355U               | 15,813 | \$469.00* |
| Intel Xeon D-2733NT @ 2.10GHz     | 15,799 | \$800.00* |
| Intel Xeon W-10885M @ 2.40GHz     | 15,784 | \$623.00* |
| AMD Ryzen 7 2700                  | 15,745 | \$104.88  |
| AMD Ryzen 7 PRO 1700X             | 15,719 | NA        |
| Intel Core i5-11260H @ 2.60GHz    | 15,699 | \$250.00* |
| AMD Ryzen 7 1700X                 | 15,681 | \$71.64   |
| AMD Ryzen 5 4600GE                | 15,641 | NA        |
| AMD Ryzen 5 PRO 4650GE            | 15,631 | NA        |
| Intel Core i7-12700TE             | 15,616 | \$344.00* |
| Intel Xeon Gold 5215 @ 2.50GHz    | 15,608 | \$951.43  |
| Intel Xeon D-1726 @ 2.90GHz       | 15,511 | \$490.00* |
| AMD Ryzen 5 5600U                 | 15,484 | NA        |



|                                 |        |             |
|---------------------------------|--------|-------------|
| Intel Xeon Gold 5217 @ 3.00GHz  | 15,429 | \$1,044.58  |
| Intel Xeon E5-4667 v3 @ 2.00GHz | 15,397 | \$5,729.00* |

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|                                   |        |             |
|-----------------------------------|--------|-------------|
| Intel Xeon E5-2680 v3 @ 2.50GHz   | 15,343 | \$180.00    |
| Intel Core i9-10885H @ 2.40GHz    | 15,332 | \$556.00*   |
| Intel Core i7-1365U               | 15,302 | \$426.00*   |
| AMD Ryzen 7 PRO 2700              | 15,288 | NA          |
| AMD Ryzen 5 PRO 4655G             | 15,276 | NA          |
| AMD Ryzen 5 5560U                 | 15,255 | NA          |
| AMD Ryzen 7 PRO 4750U             | 15,247 | NA          |
| Intel Core i3-13100F              | 15,193 | \$110.99    |
| Intel Xeon Silver 4116T @ 2.10GHz | 15,187 | \$1,112.00* |
| Intel Core i7-10875H @ 2.30GHz    | 15,182 | \$450.00*   |
| Intel Xeon Silver 4116 @ 2.10GHz  | 15,146 | \$294.00    |
| Intel Core i3-13100               | 15,134 | \$128.67    |
| Intel Xeon Silver 4210R @ 2.40GHz | 15,130 | \$330.00    |
| Intel Xeon E-2286M @ 2.40GHz      | 15,120 | \$1,373.18* |
| Intel Xeon D-2166NT @ 2.00GHz     | 15,105 | \$1,005.00* |
| AMD Ryzen 5 5625U                 | 15,093 | NA          |
| AMD Ryzen 5 PRO 5650U             | 15,066 | NA          |
| Intel Xeon Silver 4215R @ 3.20GHz | 15,056 | \$695.00    |
| AMD EPYC 7301                     | 14,991 | \$1,499.98* |
| Intel Core i9-10900T @ 1.90GHz    | 14,951 | \$349.99*   |
| AMD EPYC 7251                     | 14,935 | \$372.00    |
| Intel Xeon E5-2699A v4 @ 2.40GHz  | 14,917 | \$4,938.00* |
| Intel Xeon E5-2658A v3 @ 2.20GHz  | 14,879 | \$1,832.00* |
| Intel Xeon D-1733NT @ 2.00GHz     | 14,849 | \$720.00*   |
| AMD Ryzen 7 1700                  | 14,837 | \$87.39     |
| Intel Xeon E5-1681 v3 @ 2.90GHz   | 14,820 | NA          |
| AMD Ryzen 5 PRO 4400GE            | 14,795 | NA          |
| Intel Xeon E5-2683 v3 @ 2.00GHz   | 14,770 | \$871.99*   |
| Intel Core i7-10870H @ 2.20GHz    | 14,738 | \$417.00*   |
| Intel Core i9-10880H @ 2.30GHz    | 14,736 | NA          |
| Intel Xeon E5-2678 v3 @ 2.50GHz   | 14,733 | \$106.19*   |
| Intel Xeon E5-2687W v3 @ 3.10GHz  | 14,716 | \$597.45    |
| AMD Ryzen 5 PRO 5675U             | 14,715 | NA          |
| Intel Core i5-11600T @ 1.70GHz    | 14,713 | \$213.00*   |
| Intel Core i3-12300               | 14,706 | \$143.00*   |
| AMD Ryzen 7 2700E                 | 14,657 | NA          |
| Intel Xeon Gold 5115 @ 2.40GHz    | 14,649 | \$675.00    |
| AMD Ryzen 5 4600H                 | 14,626 | NA          |
| Intel Core i3-1220P               | 14,575 | \$281.00*   |
| Intel Core i7-9700K @ 3.60GHz     | 14,541 | \$260.53    |
| Intel Core i7-6900K @ 3.20GHz     | 14,514 | \$160.00    |
| AMD Ryzen 7 PRO 1700              | 14,497 | NA          |
| Intel Core i9-9980HK @ 2.40GHz    | 14,449 | \$583.00*   |
| Intel Xeon W-1250P @ 4.10GHz      | 14,440 | \$321.50*   |
| Intel Xeon Silver 4215 @ 2.50GHz  | 14,439 | \$527.58    |

|                                 |        |          |
|---------------------------------|--------|----------|
| Intel Core i7-9700KF @ 3.60GHz  | 14,437 | \$239.98 |
| Intel Xeon E5-2658 v4 @ 2.30GHz | 14,434 | NA       |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                  |        |             |
|----------------------------------|--------|-------------|
| Intel Core i5-10600K @ 4.10GHz   | 14,405 | \$159.09    |
| Intel Core i7-8086K @ 4.00GHz    | 14,399 | \$367.00    |
| Intel Xeon W-2235 @ 3.80GHz      | 14,379 | \$619.99    |
| Intel Xeon E5-2697 v2 @ 2.70GHz  | 14,350 | \$165.00    |
| Intel Core i5-1240U              | 14,323 | NA          |
| Intel Xeon E5-2666 v3 @ 2.90GHz  | 14,301 | NA          |
| Intel Core i3-12100F             | 14,291 | \$136.99    |
| Intel Xeon W-2135 @ 3.70GHz      | 14,263 | \$1,007.70* |
| Intel Xeon E5-4660 v3 @ 2.10GHz  | 14,256 | \$4,800.00* |
| AMD Ryzen 5 4600HS               | 14,256 | NA          |
| Intel Xeon E-2236 @ 3.40GHz      | 14,255 | \$499.95    |
| Intel Xeon D-1732TE @ 1.90GHz    | 14,254 | \$759.00*   |
| Intel Xeon E5-2696 v2 @ 2.50GHz  | 14,247 | NA          |
| Intel Xeon E5-2673 v3 @ 2.40GHz  | 14,150 | \$700.00*   |
| Apple M1 8 Core 3200 MHz         | 14,127 | NA          |
| Intel Xeon E-2246G @ 3.60GHz     | 14,105 | \$311.00*   |
| Intel Core i7-1265U              | 14,070 | \$426.00*   |
| Intel Xeon E5-2650 v4 @ 2.20GHz  | 13,997 | \$39.00     |
| AMD EPYC 3251                    | 13,993 | \$315.00*   |
| AMD Ryzen 5 2600X                | 13,977 | \$77.30     |
| Intel Xeon E5-2676 v3 @ 2.40GHz  | 13,964 | NA          |
| Intel Core i7-1255U              | 13,946 | \$426.00*   |
| Intel Xeon E-2186G @ 3.80GHz     | 13,940 | \$429.99    |
| Intel Xeon E-2286G @ 4.00GHz     | 13,938 | \$1,253.00* |
| Intel Core i9-9880H @ 2.30GHz    | 13,937 | \$556.00*   |
| Intel Xeon E5-2667 v4 @ 3.20GHz  | 13,909 | \$735.32    |
| Intel Xeon Silver 4210 @ 2.20GHz | 13,908 | \$249.95    |
| Intel Xeon W-1250E @ 3.50GHz     | 13,888 | \$260.00*   |
| Intel Core i3-12100              | 13,872 | \$122.00*   |
| AMD Ryzen 3 PRO 5350G            | 13,860 | NA          |
| Intel Xeon E-2374G @ 3.70GHz     | 13,860 | \$399.99    |
| Intel Xeon E5-2670 v3 @ 2.30GHz  | 13,817 | \$39.00     |
| Intel Core i3-1315U              | 13,813 | \$309.00*   |
| Intel Xeon E-2276G @ 3.80GHz     | 13,803 | \$460.29*   |
| Intel Core i5-10600 @ 3.30GHz    | 13,775 | \$218.21    |
| Intel Xeon E5-1680 v4 @ 3.40GHz  | 13,773 | \$1,498.95* |
| Intel Xeon W-1250 @ 3.30GHz      | 13,746 | \$333.48    |
| Intel Core i7-8700K @ 3.70GHz    | 13,743 | \$250.00    |
| Intel Core i5-1235U              | 13,655 | \$309.00*   |
| Intel Xeon Gold 6128 @ 3.40GHz   | 13,605 | \$172.80    |
| Intel Xeon E-2176G @ 3.70GHz     | 13,586 | \$389.99    |
| Intel Xeon W-1270TE @ 2.00GHz    | 13,553 | \$367.00*   |
| AMD Ryzen 3 PRO 5350GE           | 13,553 | NA          |
| Intel Core i5-11500T @ 1.50GHz   | 13,530 | \$192.00*   |
| Intel Xeon E5-2690 v2 @ 3.00GHz  | 13,509 | \$73.99     |

|                                 |        |             |
|---------------------------------|--------|-------------|
| Intel Core i5-1245U             | 13,509 | \$309.00*   |
| Intel Xeon E5-1660 v4 @ 3.20GHz | 13,500 | \$1,494.00* |

CPU Benchmarks    Video Card Benchmarks    Hard Drive Benchmarks    RAM    PC Systems    Android    iOS / iPhone

|                                  |        |           |
|----------------------------------|--------|-----------|
| AMD Ryzen 5 4600U                | 13,473 | NA        |
| AMD Ryzen 5 PRO 2600             | 13,436 | NA        |
| Intel Xeon E-2136 @ 3.30GHz      | 13,416 | \$426.56  |
| Intel Core i9-9900T @ 2.10GHz    | 13,411 | \$439.00* |
| Intel Core i7-9700F @ 3.00GHz    | 13,353 | \$202.10  |
| Intel Core i5-11400T @ 1.30GHz   | 13,339 | \$182.00* |
| AMD Ryzen 3 5300GE               | 13,321 | NA        |
| Intel Core i7-9700 @ 3.00GHz     | 13,303 | \$167.29  |
| Intel Xeon D-1581 @ 1.80GHz      | 13,282 | NA        |
| Intel Xeon E-2146G @ 3.50GHz     | 13,255 | \$495.64  |
| Intel Core i3-12300T             | 13,239 | \$157.00* |
| AMD Ryzen 5 2600                 | 13,230 | \$62.27   |
| AMD Ryzen 5 3500X                | 13,230 | \$99.98   |
| AMD Ryzen Embedded V2516         | 13,225 | NA        |
| Intel Xeon E5-2695 v2 @ 2.40GHz  | 13,201 | \$73.99   |
| Intel Xeon E5-2660 v3 @ 2.60GHz  | 13,193 | \$94.28   |
| AMD Ryzen 5 5500U                | 13,193 | NA        |
| Intel Xeon E-2334 @ 3.40GHz      | 13,189 | \$304.99  |
| Intel Xeon E5-1680 v3 @ 3.20GHz  | 13,174 | \$589.99* |
| AMD Ryzen 5 1600X                | 13,067 | \$138.84  |
| Intel Core i7-1260U              | 13,019 | NA        |
| AMD Ryzen 3 5300G                | 12,990 | NA        |
| Intel Xeon Silver 4114 @ 2.20GHz | 12,988 | \$223.07  |
| Intel Xeon E5-4627 v4 @ 2.60GHz  | 12,969 | \$999.99* |
| Intel Core i3-12100TE            | 12,961 | \$125.00* |
| Intel Core i7-8700 @ 3.20GHz     | 12,955 | \$139.99  |
| Intel Xeon E5-2685 v3 @ 2.60GHz  | 12,944 | NA        |
| Intel Core i7-10700T @ 2.00GHz   | 12,935 | \$413.99* |
| Intel Xeon W-10855M @ 2.80GHz    | 12,905 | \$450.00* |
| Intel Core i7-9700E @ 2.60GHz    | 12,898 | \$323.00* |
| Intel Core i3-12100T             | 12,895 | \$122.00* |
| Intel Core i7-7800X @ 3.50GHz    | 12,886 | \$174.50  |
| AMD Ryzen 3 PRO 7330U            | 12,862 | NA        |
| AMD Ryzen 5 3500                 | 12,848 | \$199.99  |
| Intel Core i5-10500 @ 3.10GHz    | 12,843 | \$228.99  |
| AMD Ryzen 5 PRO 4650U            | 12,796 | NA        |
| Intel Core i7-1250U              | 12,774 | \$426.00* |
| Intel Core i3-13100T             | 12,733 | \$134.00* |
| Intel Xeon E5-1680 v2 @ 3.00GHz  | 12,717 | NA        |
| AMD Ryzen 3 3300X                | 12,690 | \$146.64  |
| Intel Core i7-5960X @ 3.00GHz    | 12,673 | \$106.04  |
| Intel Xeon E5-2650L v4 @ 1.70GHz | 12,646 | \$596.32  |
| Intel Xeon E5-2667 v3 @ 3.20GHz  | 12,646 | \$189.00* |
| Intel Xeon W-2133 @ 3.60GHz      | 12,622 | \$617.00* |
| Intel Xeon E5-1660 v3 @ 3.00GHz  | 12,614 | \$398.95  |

|                                 |        |           |
|---------------------------------|--------|-----------|
| Intel Xeon E5-2680 v2 @ 2.80GHz | 12,596 | \$39.00   |
| Intel Xeon W-11555MLE @ 1.90GHz | 12,591 | \$348.00* |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                  |        |             |
|----------------------------------|--------|-------------|
| Intel Xeon E5-2649 v3 @ 2.30GHz  | 12,399 | NA          |
| Intel Core i5-10400F @ 2.90GHz   | 12,320 | \$109.00    |
| AMD Ryzen 5 1600                 | 12,304 | \$51.50     |
| Intel Xeon E5-2667 v2 @ 3.30GHz  | 12,253 | \$289.95    |
| Intel Core i5-10400 @ 2.90GHz    | 12,228 | \$114.99    |
| Intel Core i7-11375H @ 3.30GHz   | 12,207 | \$482.00*   |
| Intel Core i5-10505 @ 3.20GHz    | 12,196 | NA          |
| Intel Xeon E5-2687W v2 @ 3.40GHz | 12,163 | \$403.19    |
| Intel Xeon E5-2673 v2 @ 3.30GHz  | 12,128 | NA          |
| Intel Xeon E5-2692 v2 @ 2.20GHz  | 12,119 | NA          |
| Intel Xeon D-2141I @ 2.20GHz     | 12,117 | \$555.00*   |
| Intel Core i7-10750H @ 2.60GHz   | 12,100 | NA          |
| Intel Core i7-8700B @ 3.20GHz    | 12,078 | \$303.00*   |
| AMD Ryzen 5 PRO 4500U            | 12,049 | NA          |
| Intel Xeon E-2278GEL @ 2.00GHz   | 12,024 | \$494.00*   |
| Intel Xeon E5-2650 v3 @ 2.30GHz  | 12,013 | \$15.99     |
| Intel Xeon E5-2640 v4 @ 2.40GHz  | 11,978 | \$200.00    |
| Intel Xeon E5-2675 v3 @ 1.80GHz  | 11,960 | NA          |
| Intel Core i7-10850H @ 2.70GHz   | 11,950 | \$395.00*   |
| Intel Xeon E5-2650L v3 @ 1.80GHz | 11,936 | \$1,365.00* |
| Snapdragon 8cx Gen 3 @ 3.0 GHz   | 11,861 | NA          |
| Intel Core i7-11370H @ 3.30GHz   | 11,820 | \$426.00*   |
| Intel Xeon E5-2630 v4 @ 2.20GHz  | 11,804 | \$14.99     |
| Intel Xeon E5-2663 v3 @ 2.80GHz  | 11,777 | NA          |
| Intel Xeon E-2276M @ 2.80GHz     | 11,768 | \$450.00*   |
| ARM Neoverse-N1 80 Core 2800 MHz | 11,755 | NA          |
| Intel Xeon D-2146NT @ 2.30GHz    | 11,736 | \$641.00*   |
| Intel Xeon D-1577 @ 1.30GHz      | 11,645 | \$1,176.00* |
| AMD Ryzen 3 3100                 | 11,645 | \$71.65     |
| AMD Ryzen 3 5425U                | 11,586 | NA          |
| Intel Xeon E5-4657L v2 @ 2.40GHz | 11,553 | \$751.19*   |
| Intel Xeon E5-2648L v4 @ 1.80GHz | 11,547 | \$1,384.57* |
| AMD Ryzen 3 5400U                | 11,540 | NA          |
| Intel Xeon E5-1650 v4 @ 3.60GHz  | 11,536 | \$429.95    |
| Intel Xeon E5-4669 v4 @ 2.20GHz  | 11,523 | NA          |
| Intel Core i5-10500H @ 2.50GHz   | 11,438 | \$250.00*   |
| Intel Xeon E-2186M @ 2.90GHz     | 11,426 | \$623.00*   |
| Intel Core i7-6850K @ 3.60GHz    | 11,396 | \$125.26    |
| Intel Core i3-11100B @ 3.60GHz   | 11,357 | NA          |
| Intel Xeon E5-2670 v2 @ 2.50GHz  | 11,344 | \$25.99     |
| Intel Xeon E5-4627 v3 @ 2.60GHz  | 11,344 | \$2,400.00* |
| AMD Ryzen 3 PRO 4200G            | 11,315 | NA          |
| Intel Core i7-9850H @ 2.60GHz    | 11,312 | \$1,305.76* |
| Intel Xeon E5-2640 v3 @ 2.60GHz  | 11,279 | \$12.99     |
| AMD Ryzen 3 PRO 5475U            | 11,272 | NA          |

|                     |        |    |
|---------------------|--------|----|
| Intel Core i3-1215U | 11,228 | NA |
| AMD Ryzen 3 4300GE  | 11,222 | NA |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                 |        |          |
|---------------------------------|--------|----------|
| AMD Ryzen 3 4100                | 11,114 | \$64.99  |
| Intel Xeon E5-2643 v4 @ 3.40GHz | 11,088 | \$310.00 |
| Intel Core i3-1210U             | 11,087 | NA       |

|                                   |        |             |
|-----------------------------------|--------|-------------|
| Intel Xeon Silver 4209T @ 2.20GHz | 11,080 | \$649.25*   |
| Intel Xeon E5-2628L v4 @ 1.90GHz  | 11,079 | \$1,364.00* |
| Intel Xeon E-2226G @ 3.40GHz      | 11,073 | \$331.37    |
| Intel Core i7-1195G7 @ 2.90GHz    | 11,064 | \$426.00*   |
| Intel Xeon E5-4650 v2 @ 2.40GHz   | 11,064 | \$498.95*   |
| AMD Ryzen 5 4500U                 | 11,038 | NA          |
| Intel Core i5-11320H @ 3.20GHz    | 11,038 | \$309.00*   |
| AMD Ryzen 3 PRO 4350GE            | 11,033 | NA          |
| Intel Core i7-9750HF @ 2.60GHz    | 11,032 | \$395.00*   |
| Intel Core i7-9750H @ 2.60GHz     | 11,030 | \$960.00*   |
| AMD Ryzen 3 7330U                 | 11,013 | NA          |
| Intel Core i5-11300H @ 3.10GHz    | 11,008 | \$309.00*   |
| AMD Ryzen 3 PRO 4350G             | 10,990 | NA          |
| AMD Ryzen 3 4300G                 | 10,973 | \$124.00    |
| AMD Ryzen 3 PRO 5450U             | 10,940 | NA          |
| AMD Ryzen 3 PRO 4200GE            | 10,930 | NA          |
| Apple A12X Bionic                 | 10,900 | NA          |
| Intel Xeon E-2176M @ 2.70GHz      | 10,894 | \$450.00*   |
| Intel Xeon E5-2618L v3 @ 2.30GHz  | 10,881 | \$1,029.95* |
| Intel Xeon E5-4650 v3 @ 2.10GHz   | 10,838 | \$3,838.00* |
| Intel Core i5-10500E @ 3.10GHz    | 10,827 | \$195.00*   |
| Intel Core i5-9600KF @ 3.70GHz    | 10,787 | \$159.99    |
| Intel Core i5-9600K @ 3.70GHz     | 10,762 | \$201.65    |
| Intel Core i7-6800K @ 3.40GHz     | 10,754 | \$133.20    |
| Intel Core i7-9700T @ 2.00GHz     | 10,731 | \$323.00*   |
| Intel Xeon E-2126G @ 3.30GHz      | 10,729 | \$339.99*   |
| Intel Xeon W-2225 @ 4.10GHz       | 10,650 | \$566.05*   |
| Intel Core i7-9700TE @ 1.80GHz    | 10,647 | \$323.00*   |
| Intel Xeon E5-2660 v2 @ 2.20GHz   | 10,634 | \$140.07*   |
| Intel Core i9-8950HK @ 2.90GHz    | 10,615 | \$583.00*   |
| Intel Core i7-1185G7 @ 3.00GHz    | 10,614 | \$426.00*   |
| Intel Xeon E-2324G @ 3.10GHz      | 10,603 | \$269.99    |
| Intel Core i7-1265UE              | 10,573 | \$472.00*   |
| Intel Xeon E5-2658 v2 @ 2.40GHz   | 10,559 | \$126.74*   |
| AMD Ryzen 3 PRO 4355GE            | 10,559 | NA          |



|                                 |        |           |
|---------------------------------|--------|-----------|
| Intel Xeon E5-4620 v3 @ 2.00GHz | 10,525 | \$20.18*  |
| Intel Core i5-1230U             | 10,505 | \$309.00* |

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|                                   |        |            |
|-----------------------------------|--------|------------|
| Intel Xeon E5-2643 v3 @ 3.40GHz   | 10,472 | \$20.99*   |
| Intel Core i7-11390H @ 3.40GHz    | 10,470 | \$426.00*  |
| Intel Xeon D-1567 @ 2.10GHz       | 10,447 | NA         |
| Intel Core i7-1185G7E @ 2.80GHz   | 10,444 | \$431.00*  |
| Intel Xeon E5-1650 v3 @ 3.50GHz   | 10,436 | \$138.51   |
| Intel Core i7-1165G7 @ 2.80GHz    | 10,398 | \$426.00*  |
| Intel Xeon E5-2630 v3 @ 2.40GHz   | 10,398 | \$14.99    |
| Intel Core i3-N305                | 10,374 | \$309.00*  |
| Intel Xeon E5-4640 v3 @ 1.90GHz   | 10,372 | NA         |
| Intel Core i5-1334U               | 10,366 | \$340.00*  |
| Intel Core i5-9600 @ 3.10GHz      | 10,360 | \$172.29   |
| Intel Core i7-8700T @ 2.40GHz     | 10,359 | \$389.95   |
| Intel Core i3-10325 @ 3.90GHz     | 10,354 | \$190.10*  |
| Intel Xeon Silver 4109T @ 2.00GHz | 10,348 | \$692.02*  |
| AMD Ryzen 5 PRO 1600              | 10,336 | NA         |
| Intel Xeon E5-1660 v2 @ 3.70GHz   | 10,335 | \$498.95   |
| Intel Core i7-5930K @ 3.50GHz     | 10,333 | \$222.37   |
| Intel Core i7-8850H @ 2.60GHz     | 10,327 | \$395.00*  |
| Intel Core i5-1155G7 @ 2.50GHz    | 10,290 | \$309.00*  |
| Intel Core i5-8600K @ 3.60GHz     | 10,235 | \$118.60   |
| Intel Core i5-9500F @ 3.00GHz     | 10,224 | \$134.26   |
| Intel Xeon D-1541 @ 2.10GHz       | 10,197 | NA         |
| Apple A15 Bionic                  | 10,172 | NA         |
| Intel Core i5-10500T @ 2.30GHz    | 10,143 | \$99.99    |
| Intel Core i7-4960X @ 3.60GHz     | 10,134 | \$1,250.00 |
| AMD Ryzen 3 PRO 4450U             | 10,092 | NA         |
| Intel Xeon D-1540 @ 2.00GHz       | 10,061 | NA         |
| Intel Core i3-10320 @ 3.80GHz     | 10,058 | \$139.99   |
| Intel Xeon W-2125 @ 4.00GHz       | 10,037 | \$564.95*  |
| Intel Xeon Silver 4110 @ 2.10GHz  | 10,028 | \$91.00    |
| Intel Core i7-8750H @ 2.20GHz     | 10,010 | \$395.00*  |
| Intel Core i5-1145G7 @ 2.60GHz    | 9,996  | NA         |
| Intel Xeon E5-2650 v2 @ 2.60GHz   | 9,986  | \$39.00    |
| Intel Core i5-10400T @ 2.00GHz    | 9,974  | \$182.00*  |
| Intel Xeon E5-2687W @ 3.10GHz     | 9,961  | \$649.45   |
| Intel Core i5-1135G7 @ 2.40GHz    | 9,954  | \$309.00*  |
| Intel Xeon E5-2628L v3 @ 2.00GHz  | 9,949  | NA         |
| Intel Core i5-8600 @ 3.10GHz      | 9,943  | \$115.56   |
| Intel Xeon E-2234 @ 3.60GHz       | 9,903  | \$309.99*  |
| Intel Core i7-7740X @ 4.30GHz     | 9,878  | \$219.99   |
| Intel Core i3-1125G4 @ 2.00GHz    | 9,860  | NA         |
| Intel Core i7-5820K @ 3.30GHz     | 9,857  | \$120.00   |
| Intel Xeon E5-2648L v3 @ 1.80GHz  | 9,847  | \$600.53*  |
| AMD Ryzen 5 7520U                 | 9,837  | NA         |
| Intel Core i7-10710U @ 1.10GHz    | 9,829  | \$644.99*  |

|                              |       |          |
|------------------------------|-------|----------|
| Intel Core i5-9500 @ 3.00GHz | 9,808 | \$159.09 |
| AMD Ryzen 3 5300U            | 9,796 | NA       |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|  |       |             |
|--|-------|-------------|
| Intel Xeon E5-2689 @ 2.60GHz                 | 9,743 | \$182.75*   |
| Intel Core i5-1140G7 @ 1.10GHz               | 9,714 | NA          |
| Intel Xeon E-2274G @ 4.00GHz                 | 9,712 | \$431.54*   |
| Intel Xeon E-2174G @ 3.80GHz                 | 9,712 | \$305.46    |
| Intel Core i7-7700K @ 4.20GHz                | 9,659 | \$159.06    |
| AMD Ryzen 5 PRO 3350GE                       | 9,643 | NA          |
| Hygon C86 3185 8-core                        | 9,627 | NA          |
| Intel Xeon D-1718T @ 2.60GHz                 | 9,610 | \$314.00*   |
| Intel Core i5-8500 @ 3.00GHz                 | 9,601 | \$132.51    |
| Intel Xeon E-2244G @ 3.80GHz                 | 9,582 | \$334.73*   |
| Intel Core i5-1145G7E @ 2.60GHz              | 9,559 | \$312.00*   |
| Intel Xeon E5-4620 v2 @ 2.60GHz              | 9,540 | \$91.00*    |
| Intel Core i5-9400F @ 2.90GHz                | 9,528 | \$149.99    |
| AMD Ryzen 5 2500X                            | 9,495 | NA          |
| Intel Core i5-9400 @ 2.90GHz                 | 9,444 | \$137.19    |
| Intel Xeon Gold 5222 @ 3.80GHz               | 9,436 | \$1,216.41  |
| Intel Core i5-1145GRE @ 2.60GHz              | 9,428 | \$362.00*   |
| Intel Xeon E5-2680 @ 2.70GHz                 | 9,417 | \$29.00     |
| Intel Core i7-4930K @ 3.40GHz                | 9,411 | \$171.99    |
| Intel Xeon E5-2651 v2 @ 1.80GHz              | 9,408 | \$278.10*   |
| Intel Core i5-9600T @ 2.30GHz                | 9,400 | \$213.00*   |
| Intel Xeon E5-4655 v3 @ 2.90GHz              | 9,377 | \$4,616.00* |
| Snapdragon 8 Gen2 Mobile Platform for Galaxy | 9,362 | NA          |
| Intel Core i3-10300 @ 3.70GHz                | 9,356 | \$99.99     |
| AMD Ryzen 5 PRO 3350G                        | 9,347 | NA          |
| Intel Core i5-1038NG7 @ 2.00GHz              | 9,343 | \$320.00*   |
| AMD Ryzen 5 3350GE                           | 9,343 | NA          |
| Intel Xeon E5-1650 v2 @ 3.50GHz              | 9,335 | \$238.02    |
| Intel Xeon E5-4627 v2 @ 3.30GHz              | 9,320 | \$498.95*   |
| AMD Ryzen 5 3400G                            | 9,305 | \$105.97    |
| AMD Ryzen 5 PRO 1500                         | 9,279 | NA          |
| Intel Xeon E-2144G @ 3.60GHz                 | 9,265 | \$331.84*   |
| Intel Xeon E3-1275 v6 @ 3.80GHz              | 9,265 | \$356.83    |
| Intel Core i5-8400 @ 2.80GHz                 | 9,261 | \$142.29    |
| AMD Ryzen 3 7320U                            | 9,244 | NA          |
| QTI SM8550                                   | 9,225 | NA          |
| Intel Xeon D-1587 @ 1.70GHz                  | 9,223 | NA          |
| Intel Xeon E5-2620 v4 @ 2.10GHz              | 9,223 | \$49.00     |
| AMD Ryzen 5 PRO 3400G                        | 9,190 | NA          |
| Intel Core i7-1160G7 @ 1.20GHz               | 9,183 | \$426.00*   |
| Intel Core i3-1215UE                         | 9,159 | \$313.00*   |
| Intel Xeon E5-2629 v3 @ 2.40GHz              | 9,139 | \$499.88*   |
| Intel Xeon E5-2643 v2 @ 3.50GHz              | 9,134 | \$19.95     |
| Intel Core i7-9850HL @ 1.90GHz               | 9,112 | \$395.00*   |
| AMD Ryzen 5 1500X                            | 9,110 | \$50.94     |

|                                |       |           |
|--------------------------------|-------|-----------|
| Intel Core i3-10305 @ 3.80GHz  | 9,108 | \$167.11  |
| Intel Xeon D-1715TER @ 2.40GHz | 9,104 | \$285.00* |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                  |       |           |
|----------------------------------|-------|-----------|
| Intel Xeon E5-4648 v3 @ 1.70GHz  | 9,061 | NA        |
| Intel Xeon E5-2450 v2 @ 2.50GHz  | 9,060 | \$284.95  |
| Intel Core i5-8500B @ 3.00GHz    | 9,053 | \$192.00* |
| Intel Core i3-10105F @ 3.70GHz   | 9,052 | \$74.00   |
| Intel Core i5-9500TE @ 2.20GHz   | 9,028 | \$192.00* |
| Intel Xeon E3-1280 v6 @ 3.90GHz  | 9,028 | \$550.00  |
| Intel Xeon E-2134 @ 3.50GHz      | 8,960 | \$184.56  |
| Intel Core i7-6700K @ 4.00GHz    | 8,950 | \$134.99  |
| Intel Xeon E3-1270 v6 @ 3.80GHz  | 8,939 | \$446.00  |
| Intel Xeon E5-2670 @ 2.60GHz     | 8,924 | \$17.99   |
| Intel Core i5-8600T @ 2.30GHz    | 8,922 | \$199.99* |
| AMD Ryzen 5 3400GE               | 8,894 | \$355.40  |
| Intel Pentium Gold 8505          | 8,890 | NA        |
| Intel Core i5-3170K @ 3.20GHz    | 8,882 | NA        |
| Intel Xeon Gold 5122 @ 3.60GHz   | 8,878 | \$399.00  |
| Intel Xeon E5-2648L v2 @ 1.90GHz | 8,828 | \$945.00* |
| Intel Core i5-1130G7 @ 1.10GHz   | 8,824 | \$309.00* |
| Intel Core i3-10100F @ 3.60GHz   | 8,807 | \$69.50   |
| Intel Xeon E5-2630L v3 @ 1.80GHz | 8,800 | \$79.00*  |
| Intel Xeon Silver 4108 @ 1.80GHz | 8,736 | \$249.95  |
| AMD Ryzen 5 2400G                | 8,735 | \$97.36   |
| Intel Xeon E3-1240 v6 @ 3.70GHz  | 8,721 | \$305.00  |
| Intel Core i3-10100 @ 3.60GHz    | 8,712 | \$96.01   |
| Intel Core i3-10105 @ 3.70GHz    | 8,706 | \$104.70  |
| ARM X-Gene 32 Core 3300 MHz      | 8,684 | NA        |
| Intel Core i7-7700 @ 3.60GHz     | 8,654 | \$110.75  |
| Intel Core i7-8559U @ 2.70GHz    | 8,644 | \$617.00* |
| Intel Core i7-8809G @ 3.10GHz    | 8,642 | NA        |
| Intel Atom C5125                 | 8,631 | \$299.00* |
| Intel Xeon E5-4650 @ 2.70GHz     | 8,630 | \$124.00* |
| Intel Core i5-10400H @ 2.60GHz   | 8,622 | \$250.00* |
| ARM - 8 Core 2424 MHz            | 8,610 | NA        |
| Intel Xeon E3-1245 v6 @ 3.70GHz  | 8,602 | \$589.95  |
| Intel Xeon W-2223 @ 3.60GHz      | 8,578 | \$383.80  |
| AMD Ryzen Embedded V1807B        | 8,567 | NA        |
| Mediatek MT6896Z/CZA             | 8,565 | NA        |
| Intel Core i5-10300H @ 2.50GHz   | 8,558 | \$250.00* |
| AMD EPYC 3201                    | 8,545 | NA        |
| Intel Xeon E3-1285 v6 @ 4.10GHz  | 8,536 | \$949.95  |
| Intel Core i7-1180G7 @ 1.30GHz   | 8,520 | \$426.00* |
| Apple A14 Bionic                 | 8,514 | NA        |
| Intel Xeon W-2123 @ 3.60GHz      | 8,490 | \$427.11* |
| Intel Core i7-1065G7 @ 1.30GHz   | 8,475 | \$426.00* |
| Intel Xeon E5-4650L @ 2.60GHz    | 8,472 | \$200.00  |
| AMD Ryzen 5 PRO 2400G            | 8,471 | NA        |

|                                 |       |           |
|---------------------------------|-------|-----------|
| Intel Core i5-1035G7 @ 1.20GHz  | 8,458 | \$320.00* |
| Intel Core i5-10500TE @ 2.30GHz | 8,449 | \$195.00* |

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|                                  |       |            |
|----------------------------------|-------|------------|
| Intel Core i7-3960X @ 3.30GHz    | 8,412 | \$1,808.00 |
| Intel Core i7-3970X @ 3.50GHz    | 8,408 | \$189.88   |
| Intel Xeon E3-1585 v5 @ 3.50GHz  | 8,408 | \$556.00*  |
| Intel Xeon E5-1660 @ 3.30GHz     | 8,379 | \$267.19   |
| Intel Xeon E3-1280 v5 @ 3.70GHz  | 8,377 | \$1,429.00 |
| AMD Ryzen Embedded V1756B        | 8,374 | NA         |
| Intel Xeon E3-1270 v5 @ 3.60GHz  | 8,349 | \$208.32   |
| Intel Core i5-9400T @ 1.80GHz    | 8,324 | \$182.00*  |
| AMD Opteron 6386 SE              | 8,320 | \$880.11   |
| AMD Ryzen 5 PRO 3400GE           | 8,306 | NA         |
| Intel Xeon E3-1240 v5 @ 3.50GHz  | 8,302 | \$173.49   |
| Intel Core i5-10200H @ 2.40GHz   | 8,297 | \$250.00*  |
| Intel Xeon E5-2470 @ 2.30GHz     | 8,295 | \$125.66   |
| Intel Xeon E5-2665 @ 2.40GHz     | 8,277 | \$146.21   |
| Intel Xeon E-2314 @ 2.80GHz      | 8,261 | \$244.88*  |
| Intel Core i7-8569U @ 2.80GHz    | 8,259 | \$431.00*  |
| Intel Core i3-10100E @ 3.20GHz   | 8,229 | \$125.00*  |
| Intel Core i7-3930K @ 3.20GHz    | 8,220 | \$399.10   |
| AMD Ryzen 7 3750H                | 8,211 | NA         |
| Intel Xeon E3-1260L v5 @ 2.90GHz | 8,208 | \$258.70*  |
| Intel Core i3-10300T @ 3.00GHz   | 8,205 | \$193.97*  |
| Intel Core i7-1185GRE @ 2.80GHz  | 8,203 | NA         |
| ARM X-Gene 32 Core 3000 MHz      | 8,202 | NA         |
| Intel Core i7-10810U @ 1.10GHz   | 8,183 | \$443.00*  |
| Intel Xeon E-2276ME @ 2.80GHz    | 8,167 | \$450.00*  |
| Intel Xeon E3-1230 v6 @ 3.50GHz  | 8,154 | \$589.95   |
| Intel Xeon E5-2660 @ 2.20GHz     | 8,152 | \$6.05     |
| Intel Core i3-10305T @ 3.00GHz   | 8,136 | \$143.00*  |
| Intel Core i5-9400H @ 2.50GHz    | 8,127 | \$250.00*  |
| Intel Core i5-9500T @ 2.20GHz    | 8,118 | \$192.00*  |
| Intel Core i7-8706G @ 3.10GHz    | 8,108 | NA         |
| Intel Xeon E3-1535M v6 @ 3.10GHz | 8,106 | \$623.00*  |
| Intel Xeon E5-1650 @ 3.20GHz     | 8,091 | \$104.00   |
| Intel Core i7-6700 @ 3.40GHz     | 8,085 | \$119.99   |
| Intel Xeon E3-1285L v4 @ 3.40GHz | 8,074 | \$979.00   |
| AMD Athlon Gold PRO 4150GE       | 8,070 | NA         |
| Intel Core i7-4790K @ 4.00GHz    | 8,059 | \$112.99   |
| Intel Core i5-8269U @ 2.60GHz    | 8,055 | \$320.00*  |
| Intel Xeon E3-1245 v5 @ 3.50GHz  | 8,038 | \$338.27   |
| Intel Core i5-1035G4 @ 1.10GHz   | 8,033 | \$309.00*  |
| AMD Opteron 6348                 | 8,030 | \$1,100.11 |
| Intel Core i5-8259U @ 2.30GHz    | 8,026 | \$519.99*  |
| Intel Xeon E3-1585L v5 @ 3.00GHz | 8,021 | \$445.00*  |
| Intel Core i7-8557U @ 1.70GHz    | 8,003 | \$431.00*  |
| Intel Xeon E3-1545M v5 @ 2.90GHz | 7,992 | NA         |

|                                 |       |          |
|---------------------------------|-------|----------|
| QTI SM7475                      | 7,992 | NA       |
| Intel Xeon E3-1230 v5 @ 3.40GHz | 7,989 | \$160.34 |

CPU Benchmarks      Video Card Benchmarks      Hard Drive Benchmarks      RAM      PC Systems      Android      iOS / iPhone

|                                     |       |             |
|-------------------------------------|-------|-------------|
| Intel Xeon E3-1515M v5 @ 2.80GHz    | 7,938 | NA          |
| Intel Core i7-8709G @ 3.10GHz       | 7,926 | NA          |
| AMD Ryzen 5 3550H                   | 7,903 | NA          |
| Intel Xeon E3-1575M v5 @ 3.00GHz    | 7,887 | \$1,207.00* |
| Intel Core i5-8400H @ 2.50GHz       | 7,881 | \$250.00*   |
| AMD Ryzen 5 2600H                   | 7,876 | NA          |
| Intel Xeon E5-2620 v3 @ 2.40GHz     | 7,846 | \$12.99     |
| Mediatek MT6895Z_A/TCZA             | 7,838 | NA          |
| AMD Ryzen 5 1400                    | 7,770 | \$39.95     |
| Intel Core i7-8705G @ 3.10GHz       | 7,768 | \$1,535.11* |
| Intel Core i5-8279U @ 2.40GHz       | 7,764 | \$320.00*   |
| Intel Core i5-8260U @ 1.60GHz       | 7,747 | \$439.99*   |
| Intel Core i5-8500T @ 2.10GHz       | 7,722 | \$265.99*   |
| Intel Core i7-5775R @ 3.30GHz       | 7,720 | NA          |
| Intel Xeon E3-1285 v4 @ 3.50GHz     | 7,712 | NA          |
| AMD Athlon Gold PRO 3150G           | 7,702 | NA          |
| Intel Core i3-9350K @ 4.00GHz       | 7,700 | \$293.22*   |
| Intel Core i7-5950HQ @ 2.90GHz      | 7,696 | NA          |
| Intel Core i5-9300H @ 2.40GHz       | 7,689 | \$250.00*   |
| AMD Ryzen 5 3550U                   | 7,681 | NA          |
| Intel Xeon E3-1270L v4 @ 3.00GHz    | 7,662 | NA          |
| AMD EPYC 3151                       | 7,660 | NA          |
| AMD Ryzen 7 2800H                   | 7,656 | NA          |
| Intel Core i7-5775C @ 3.30GHz       | 7,654 | \$215.00    |
| Intel Xeon E5-1630 v4 @ 3.70GHz     | 7,653 | NA          |
| Intel Core i5-8257U @ 1.40GHz       | 7,634 | \$320.00*   |
| Intel Xeon E5-2640 v2 @ 2.00GHz     | 7,628 | \$100.00    |
| Intel Xeon E-2224G @ 3.50GHz        | 7,624 | \$268.02*   |
| MediaTek MT6895                     | 7,611 | NA          |
| Google GS201                        | 7,610 | NA          |
| Qualcomm Technologies, Inc KONA-IOT | 7,592 | NA          |
| Intel Xeon E5-2650L v2 @ 1.70GHz    | 7,586 | \$39.00     |
| Intel Core i3-9350KF @ 4.00GHz      | 7,585 | \$104.03    |
| Intel Core i7-7700T @ 2.90GHz       | 7,559 | \$144.69    |
| Intel Xeon E3-1271 v3 @ 3.60GHz     | 7,547 | \$123.50    |
| AMD Ryzen 5 2400GE                  | 7,540 | NA          |
| Intel Xeon E5-2450 @ 2.10GHz        | 7,534 | \$49.00*    |
| AMD Ryzen 3 2300X                   | 7,531 | \$178.09*   |
| AMD Ryzen 5 PRO 2400GE              | 7,531 | NA          |
| Intel Core i5-9300HF @ 2.40GHz      | 7,515 | \$250.00*   |
| Intel Core i5-1035G1 @ 1.00GHz      | 7,513 | \$297.00*   |
| AMD Ryzen 3 4300U                   | 7,512 | NA          |



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