

Video Card List

Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific Video Card will take you to the chart it appears in and will highlight it for you.

AD

Single Video Card

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|---------------------------|
| FireMV 2200 PCI | 1 | 2557 | NA | NA |
| Intel 82852/82855 GM/GME Controller | 1 | 2554 | NA | NA |
| Intel Extreme Controller | 1 | 2545 | NA | NA |
| Mobile Intel 915GM/GMS/910GML Express | 1 | 2548 | NA | NA |
| Mobile Intel 945 Express | 1 | 2549 | NA | NA |
| Quadro2 Pro | 1 | 2556 | NA | NA |
| RADEON IGP 34xM | 1 | 2551 | NA | NA |
| Rage 128 Pro | 1 | 2553 | NA | NA |
| RAGE 128 PRO AGP 4X TMDS | 1 | 2555 | NA | NA |
| S3 ProSavageDDR | 1 | 2552 | NA | NA |
| S3 SuperSavage/IXC 1014 | 1 | 2546 | NA | NA |
| VIA Chrome9 HCM IGP | 1 | 2550 | NA | NA |
| VisionTek Radeon 7000 | 1 | 2547 | NA | NA |
| Dell 8100 | 2 | 2541 | 0.00 | \$999.11* |
| GeForce2 MX | 2 | 2526 | NA | NA |

| Model | Score | GPU | Price | Model List |
|--|-------|------|----------------------|---------------------------|
| Intel Media Accelerator 3150 | | | | NA |
| MOBILITY RADEON 9100 IGP | 2 | 2520 | NA | NA |
| Quadro NVS 280 SD | 2 | 2540 | NA | NA |
| Radeon 7000 / Radeon VE | 2 | 2528 | NA | NA |
| RADEON 7200 | 2 | 2523 | 0.00 | \$599.99* |
| RADEON 9200 LE Family | 2 | 2532 | NA | NA |
| RADEON 9200 PRO Family | 2 | 2524 | NA | NA |
| RADEON 9200 SE | 2 | 2536 | NA | NA |
| RADEON 9250 | 2 | 2533 | 0.01 | \$194.00* |
| Radeon IGP 340M | 2 | 2539 | NA | NA |
| RADEON IGP 345M | 2 | 2527 | NA | NA |
| Radeon VE | 2 | 2544 | NA | NA |
| VIA Chrome9 HC IGP Prerelease WDDM 1.1 | 2 | 2542 | NA | NA |
| VIA Chrome9 HC IGP WDDM | 2 | 2525 | NA | NA |
| VIA Chrome9 HC3 IGP | 2 | 2529 | NA | NA |
| ABIT Siluro T400 | 3 | 2490 | NA | NA |
| AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI | 3 | 2515 | NA | NA |
| GeForce 6200A | 3 | 2498 | 0.07 | \$54.99* |
| GeForce2 GTS/GeForce2 Pro | 3 | 2487 | NA | NA |
| GeForce2 MX 100/200 | 3 | 2511 | NA | NA |
| GeForce2 MX/MX 400 | 3 | 2489 | NA | NA |
| GeForce4 420 Go | 3 | 2508 | NA | NA |
| GeForce4 4200 Go | 3 | 2488 | NA | NA |
| GeForce4 440 Go | 3 | 2495 | NA | NA |
| Intel 82915G/915GV/910GL | 3 | 2496 | NA | NA |
| Intel 82915G/GV/910GL Express | 3 | 2517 | NA | NA |
| Intel 865 Embedded Controller | 3 | 2497 | NA | NA |

| | | | | |
|---|---|------|----------------------|---------------------------|
| RADEON 7500 | 3 | 2502 | NA | NA |
| RADEON 9000 Family | 3 | 2502 | NA | NA |
| RADEON 9200 | 3 | 2499 | 0.02 | \$153.63* |
| RADEON IGP 320 | 3 | 2494 | NA | NA |
| Radeon IGP 320M | 3 | 2501 | NA | NA |
| Rage Fury Pro/Xpert 2000 Pro | 3 | 2516 | NA | NA |
| RIVA TNT2 Model 64/Model 64 Pro | 3 | 2493 | NA | NA |
| RIVA TNT2/TNT2 Pro | 3 | 2505 | NA | NA |
| S3 Inc. Savage4 | 3 | 2514 | NA | NA |
| Vanta/Vanta LT | 3 | 2518 | NA | NA |
| VIA Chrome9 HC IGP Family | 3 | 2491 | NA | NA |
| VIA Chrome9 HC IGP Family WDDM | 3 | 2503 | NA | NA |
| VIA Chrome9 HC IGP WDDM 1.1 | 3 | 2507 | NA | NA |
| VIA/S3G DeltaChrome IGP | 3 | 2509 | NA | NA |
| ALL-IN-WONDER 9000 | 4 | 2457 | NA | NA |
| ASUS AGP-V3800PRO v31.40H | 4 | 2476 | NA | NA |
| Dell 8200 | 4 | 2478 | NA | NA |
| GeForce2 Go | 4 | 2482 | NA | NA |
| GeForce2 Integrated GPU | 4 | 2477 | NA | NA |
| GeForce2 MX with DVI-D and TV-out | 4 | 2461 | NA | NA |
| GeForce2 Ti | 4 | 2469 | NA | NA |
| GeForce3 | 4 | 2458 | NA | NA |
| GeForce3 Ti 200 | 4 | 2484 | NA | NA |
| GeForce4 440 | 4 | 2455 | NA | NA |
| GeForce4 MX 4000 | 4 | 2475 | NA | NA |
| GeForce4 MX 420 | 4 | 2462 | NA | NA |
| GeForce4 MX 440 | 4 | 2472 | NA | NA |

| <u>MOBILITY/RADEON 9000</u> | | | | |
|--|---|---------------------------|---------------------------------------|--------------------------|
| <u>Quadro2 MXR/EX</u> | 4 | 2473 | NA | NA |
| <u>Quadro4 900 XGL</u> | 4 | 2456 | NA | NA |
| <u>RADEON 7500 Family</u> | 4 | 2464 | NA | NA |
| <u>RADEON 9000</u> | 4 | 2468 | NA | NA |
| <u>VIA Chrome9 HC IGP</u> | 4 | 2479 | NA | NA |
| <u>VIA/S3G KM400/KN400</u> | 4 | 2485 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| <u>VIA/S3G UniChrome IGP</u> | 4 | 2480 | NA | NA |
| <u>VIA/S3G UniChrome Pro IGP</u> | 4 | 2465 | NA | NA |
| <u>WinFast A250 LE</u> | 4 | 2460 | NA | NA |
| <u>XGI Volari Family v1.13.23.D_V</u> | 4 | 2470 | NA | NA |
| <u>ALL-IN-WONDER RADEON 8500DV</u> | 5 | 2442 | NA | NA |
| <u>GeForce 256</u> | 5 | 2453 | 0.12 | \$42.04* |
| <u>GeForce4 420 Go 32M</u> | 5 | 2447 | NA | NA |
| <u>GeForce4 440 Go 64M</u> | 5 | 2433 | NA | NA |
| <u>GeForce4 448 Go</u> | 5 | 2444 | NA | NA |
| <u>GeForce4 Ti 4200</u> | 5 | 2443 | NA | NA |
| <u>GeForce4 Ti 4600</u> | 5 | 2445 | 0.10 | \$53.99* |
| <u>GeForce4 Ti 4800</u> | 5 | 2435 | NA | NA |
| <u>Intel 82915G Express</u> | 5 | 2439 | NA | NA |
| <u>Intel Q33 Express</u> | 5 | 2452 | NA | NA |
| <u>Matrox Millennium P650 PCIe 128</u> | 5 | 2448 | NA | NA |
| <u>Matrox Parhelia APVe</u> | 5 | 2441 | NA | NA |
| <u>Mobile Intel 945GM Express</u> | 5 | 2436 | NA | NA |
| <u>Mobile Intel 945GM/GU Express</u> | 5 | 2449 | NA | NA |
| <u>MOBILITY RADEON 9000/9100 IGP</u> | 5 | 2440 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <u>GeForce2 Ultra</u> | | | | NA |
| <u>GeForce4 MX Integrated GPU</u> | 6 | 2425 | NA | NA |
| <u>GeForce4 Ti 4800 SE</u> | 6 | 2421 | NA | NA |
| <u>Intel Media Accelerator 600</u> | 6 | 2420 | NA | NA |
| <u>Matrox Millennium P690 Plus LP PCIe x16</u> | 6 | 2422 | NA | NA |
| <u>MOBILITY RADEON 7000 IGP</u> | 6 | 2428 | NA | NA |
| <u>Quadro NVS 55/280 PCI</u> | 6 | 2431 | NA | NA |
| <u>Quadro4 380 XGL</u> | 6 | 2423 | NA | NA |
| <u>RADEON 8500 Family</u> | 6 | 2424 | NA | NA |
| <u>RADEON 9100 Family</u> | 6 | 2430 | NA | NA |
| <u>RADEON IGP 350M</u> | 6 | 2432 | NA | NA |
| <u>V9560XT</u> | 6 | 2426 | NA | NA |
| <u>ASUS V9520-X V62.11</u> | 7 | 2414 | NA | NA |
| <u>GeForce FX 5100</u> | 7 | 2413 | NA | NA |
| <u>GeForce FX 5200</u> | 7 | 2416 | 0.06 | \$129.00* |
| <u>GeForce FX 5200LE</u> | 7 | 2419 | 0.16 | \$42.99* |
| <u>GeForce4 Ti 4400</u> | 7 | 2418 | NA | NA |
| <u>Intel US15 Embedded Media and Controller</u> | 7 | 2417 | NA | NA |
| <u>MOBILITY RADEON 9000 IGP</u> | 7 | 2412 | NA | NA |
| <u>Quadro FX 500/FX 600</u> | 7 | 2415 | NA | NA |
| <u>GeCube RADEON 7000</u> | 8 | 2405 | NA | NA |
| <u>GeForce FX 5500</u> | 8 | 2408 | 0.05 | \$153.97* |
| <u>GeForce FX Go 5200</u> | 8 | 2406 | NA | NA |
| <u>Intel 82945G Express-Chipsatzfamilie</u> | 8 | 2411 | NA | NA |
| <u>Intel Q35 Embedded</u> | 8 | 2407 | NA | NA |
| <u>Mobile Intel 965 Express - BR-0907-0461 v1839</u> | 8 | 2409 | NA | NA |

| | | | | |
|------------------------------------|----|------|----|----|
| <u>GeForce FX 5200SE</u> | | | | |
| <u>Intel 82945G Express</u> | 11 | 2396 | NA | NA |
| <u>PHDGD Solo 1.2.0 x86</u> | 11 | 2398 | NA | NA |
| <u>RGH Drivers v3</u> | 11 | 2397 | NA | NA |
| <u>GeForce 7000M / nForce 610M</u> | 12 | 2390 | NA | NA |
| <u>GeForce FX 5200 Ultra</u> | 12 | 2393 | NA | NA |
| <u>GeForce FX 5600</u> | 12 | 2391 | NA | NA |
| <u>GeForce FX Go5300</u> | 12 | 2392 | NA | NA |
| <u>GeForce 7000M</u> | 13 | 2389 | NA | NA |
| <u>Quadro FX 500/600 PCI</u> | 14 | 2387 | NA | NA |
| <u>Radeon HD 2400 PCI</u> | 14 | 2388 | NA | NA |
| <u>GeForce Go 6200</u> | 15 | 2386 | NA | NA |
| <u>NV44</u> | 15 | 2385 | NA | NA |
| <u>GeForce FX Go5650</u> | 16 | 2383 | NA | NA |
| <u>GRID V100-8Q</u> | 16 | 2384 | NA | NA |
| <u>GeForce FX 5600 Ultra</u> | 17 | 2382 | NA | NA |
| <u>GeForce FX Go 5600</u> | 17 | 2380 | NA | NA |
| <u>GeForce Go 6100</u> | 17 | 2379 | NA | NA |
| <u>Mobile Intel965 Express</u> | 17 | 2381 | NA | NA |
| <u>GeForce 7150M / nForce 630M</u> | 18 | 2376 | NA | NA |
| <u>Quadro FX 2000</u> | 18 | 2378 | NA | NA |
| <u>QXL KMDOD</u> | 18 | 2373 | NA | NA |
| <u>RADEON 9600 TX Family</u> | 18 | 2375 | NA | NA |
| <u>RADEON XPRESS 200 CROSSFIRE</u> | 18 | 2377 | NA | NA |
| <u>S3 Chrome S25 DDR2</u> | 18 | 2374 | NA | NA |
| <u>GeForce Go 6150</u> | 19 | 2372 | NA | NA |
| <u>Matrox M9120 PCIe x16</u> | 19 | 2371 | NA | NA |

[Quadro NVS 210S](#)

23

2360

NA

NA

Videocard Name

Passmark G3D Mark
(higher is better)Rank
(lower is better)Videocard Value
(higher is better)Price
(USD)[RADEON 9800 SE](#)

23

2361

NA

NA

[GeForce 6150SE](#)

24

2356

NA

NA

[GeForce FX 5700LE](#)

24

2357

NA

NA

[GeForce Go 6400](#)

24

2358

NA

NA

[Mobile Intel 965 Express-Chipsatzfamilie](#)

24

2359

NA

NA

[MOBILITY RADEON 9600 PRO TURBO](#)

24

2355

NA

NA

[GeForce 6100 nForce 400](#)

25

2352

NA

NA

[GeForce 6100 nForce 420](#)

25

2351

NA

NA

[GeForce 7050 / nForce 610i](#)

25

2353

NA

NA

[Matrox M9120 Plus LP PCIe x16](#)

25

2349

NA

NA

[Matrox M9125 PCIe x16](#)

25

2350

NA

NA

[PHDGD Sapphire GR for Mobile Intel 965](#)

25

2348

NA

NA

[RADEON 9600 Family](#)

25

2354

NA

NA

[GeForce 6100 nForce 405](#)

26

2344

NA

NA

[GeForce 7100 / nForce 620i](#)

26

2347

NA

NA

[RADEON 9600 PRO Family](#)

26

2345

NA

NA

[Radeon Xpress 1270](#)

26

2346

NA

NA

[GeForce 6100](#)

27

2342

NA

NA

[GeForce 6200 LE](#)

27

2338

[0.68](#)[\\$41.24*](#)[MOBILITY FireGL V5250](#)

27

2340

NA

NA

[MOBILITY RADEON 9700](#)

27

2339

NA

NA

[MOBILITY RADEON XPRESS 200](#)

27

2343

NA

NA

[RADEON 9600SE](#)

27

2341

NA

NA

[Radeon 9550 / X1050](#)

29

2337

NA

NA

| Radeon X1270 | | | | |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Red Hat QXL controller | 31 | 2328 | NA | NA |
| GeForce 6200 A-LE | 32 | 2326 | NA | NA |
| GeForce 7025 / nForce 630a | 32 | 2325 | NA | NA |
| GeForce FX 5900ZT | 32 | 2323 | NA | NA |
| Intel Media Accelerator | 32 | 2322 | NA | NA |
| Radeon X1200 | 32 | 2324 | NA | NA |
| GeForce 6150 LE | 33 | 2318 | NA | NA |
| GeForce 7150 / nForce 630i | 33 | 2321 | NA | NA |
| GeForce FX 5700VE | 33 | 2320 | NA | NA |
| MOBILITY FIREGL T2/T2e | 33 | 2316 | NA | NA |
| Mobility Radeon X1450 | 33 | 2319 | NA | NA |
| MOBILITY RADEON X300 | 33 | 2315 | NA | NA |
| S3 Chrome S27 DDR3 | 33 | 2317 | NA | NA |
| GeForce FX 5700 Ultra | 34 | 2312 | NA | NA |
| GeForce FX 5900 | 34 | 2309 | NA | NA |
| GeForce PCX 5750 | 34 | 2307 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce PCX 5900 | 34 | 2313 | NA | NA |
| Quadro FX 1000 | 34 | 2311 | NA | NA |
| Quadro FX 1300 | 34 | 2310 | NA | NA |
| RADEON 9550 | 34 | 2308 | 0.12 | \$291.74* |
| Radeon Xpress 1100 | 34 | 2314 | NA | NA |
| Quadro FX 1100 | 35 | 2304 | 0.17 | \$212.99* |
| RADEON 9600 XT | 35 | 2306 | NA | NA |
| Radeon Xpress 1200 | 35 | 2305 | NA | NA |
| CONNECT 3D RADEON X300 | 36 | 2300 | NA | NA |

| Model | Rank | Score | Price | Price |
|--|------|-------|----------------------|---------------------------|
| Quadro NVS 440 | | | | \$228.87* |
| Radeon X1250 | 37 | 2297 | NA | NA |
| GeForce 6500 | 38 | 2290 | NA | NA |
| Mobile Intel - famiglia Express Chipset 45 | 38 | 2289 | NA | NA |
| Quadro NVS 285 128MB | 38 | 2291 | 0.70 | \$55.00* |
| RADEON X300SE | 38 | 2292 | NA | NA |
| GeForce 7300 SE | 39 | 2288 | NA | NA |
| Matrox G200eW | 39 | 2284 | NA | NA |
| MOBILITY RADEON 9600/9700 | 39 | 2287 | NA | NA |
| Mobility Radeon X1300 | 39 | 2285 | NA | NA |
| Mobility Radeon X1350 | 39 | 2283 | NA | NA |
| S3 Chrome 430 ULP | 39 | 2286 | NA | NA |
| GeForce FX 5700 | 40 | 2277 | NA | NA |
| GeForce FX 5900XT | 40 | 2282 | NA | NA |
| Matrox G200eh | 40 | 2279 | NA | NA |
| Matrox M9148 LP PCIe x16 | 40 | 2281 | NA | NA |
| MOBILITY FIREGL T2 | 40 | 2278 | NA | NA |
| Radeon Xpress 1300M | 40 | 2280 | NA | NA |
| GeForce 7050 / nForce 620i | 41 | 2274 | NA | NA |
| GeForce 7100 / nForce 630i | 41 | 2275 | NA | NA |
| GeForce FX 5900 Ultra | 41 | 2276 | NA | NA |
| RADEON 9500 PRO / 9700 | 41 | 2273 | NA | NA |
| Matrox M9138 LP PCIe x16 | 42 | 2271 | NA | NA |
| Mobility Radeon X1400 | 42 | 2268 | NA | NA |
| Quadro NVS 285 | 42 | 2272 | 0.25 | \$169.86* |
| RADEON 9600 PRO | 42 | 2269 | NA | NA |
| Radeon Xpress 1250 | 42 | 2270 | NA | NA |

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|---|----|------|----------------------|--------------------------|
| FireMV 2250 | 45 | 2260 | NA | NA |
| GeForce Go 7200 | 45 | 2260 | NA | NA |
| Matrox G200eR WDDM 1.2 | 45 | 2259 | NA | NA |
| Matrox G200eh WDDM 2.0 | 46 | 2256 | NA | NA |
| MOBILITY RADEON 9800 | 46 | 2257 | NA | NA |
| Quadro NVS 120M | 46 | 2255 | NA | NA |
| GeForce 7300 SE/7200 GS | 47 | 2250 | NA | NA |
| Mobile Intel 965 Express | 47 | 2251 | NA | NA |
| Quadro NVS 110M | 47 | 2253 | NA | NA |
| Radeon X1550 64-bit | 47 | 2252 | NA | NA |
| SAPPHIRE RADEON 9600 ATLANTIS | 47 | 2254 | NA | NA |
| Mobility Radeon X2300 | 48 | 2249 | NA | NA |
| Mobility Radeon X2300 HD | 48 | 2248 | NA | NA |
| Intel G33/G31 Express | 49 | 2246 | NA | NA |
| MOBILITY RADEON X600 SE | 49 | 2244 | NA | NA |
| Radeon X1050 | 49 | 2245 | NA | NA |
| Radeon X1600 | 49 | 2243 | NA | NA |
| RADEON X600 SE | 49 | 2247 | 0.87 | \$56.18* |
| Matrox G200eW WDDM 1.2 | 50 | 2242 | NA | NA |
| Mobility Radeon HD 2300 | 50 | 2240 | NA | NA |
| MOBILITY RADEON X600 | 50 | 2241 | NA | NA |
| RADEON X550 | 50 | 2239 | NA | NA |
| FirePro 2450 | 51 | 2238 | 0.57 | \$89.99* |
| GeForce 6600 LE | 51 | 2236 | NA | NA |
| GeForce 7100 GS | 51 | 2237 | NA | NA |
| GeForce FX Go5700 | 51 | 2235 | NA | NA |
| Matrox G200eh WDDM 1.2 | 51 | 2233 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <u>RADEON 9800 XT</u> | | | | NA |
| <u>RADEON X550XT</u> | 56 | 2226 | NA | NA |
| <u>RADEON X600 256MB HyperMemory</u> | 56 | 2225 | NA | NA |
| <u>Intel - Express Chipset Q45/Q43</u> | 57 | 2219 | NA | NA |
| <u>Intel G41 Express-Chipsatz</u> | 57 | 2221 | NA | NA |
| <u>Intel Q45/Q43 Express-Chipsatz</u> | 57 | 2222 | NA | NA |
| <u>RADEON 9800</u> | 57 | 2220 | 0.18 | \$325.00* |
| <u>GeForce 6800 XE</u> | 58 | 2215 | NA | NA |
| <u>GeForce 8200M G</u> | 58 | 2218 | NA | NA |
| <u>GeForce 8400M G</u> | 58 | 2216 | NA | NA |
| <u>Radeon X1300</u> | 58 | 2217 | 0.61 | \$95.78* |
| <u>FireGL X1</u> | 59 | 2214 | NA | NA |
| <u>GeForce FX 5950 Ultra</u> | 59 | 2213 | NA | NA |
| <u>Matrox G200e WDDM 1.2</u> | 59 | 2212 | NA | NA |
| <u>MOBILITY RADEON X700 XL</u> | 59 | 2209 | NA | NA |
| <u>Radeon 2100</u> | 59 | 2210 | 0.31 | \$190.99* |
| <u>RADEON 9800 PRO</u> | 59 | 2211 | NA | NA |
| <u>SAPPHIRE Radeon X1550</u> | 61 | 2208 | NA | NA |
| <u>GeForce G 103M</u> | 62 | 2206 | NA | NA |
| <u>GeForce G 105M</u> | 62 | 2203 | NA | NA |
| <u>Intel HD manual-15.28-1861</u> | 62 | 2205 | NA | NA |
| <u>MOBILITY FireGL V3200</u> | 62 | 2207 | NA | NA |
| <u>Mobility Radeon HD 3410</u> | 62 | 2204 | NA | NA |
| <u>Quadro FX 550</u> | 63 | 2202 | 0.22 | \$287.82* |
| <u>RADEON X800 PRO</u> | 64 | 2201 | NA | NA |
| <u>GeForce Go 7400</u> | 65 | 2200 | NA | NA |

| | | | | |
|--|----|------|----------------------|---------------------------|
| RADEON X600 PRO | | | | |
| FireGL V3350 | 68 | 2188 | NA | NA |
| GeForce 8400 SE | 68 | 2189 | NA | NA |
| GeForce 9100M G | 68 | 2190 | NA | NA |
| BASICDISPLAY | 69 | 2182 | NA | NA |
| GeForce Go 6600 | 69 | 2183 | NA | NA |
| Quadro FX 3000 | 69 | 2187 | 0.41 | \$166.61* |
| Quadro NVS 140M | 69 | 2186 | NA | NA |
| Radeon X1600 Pro / X1300XT | 69 | 2185 | NA | NA |
| RADEON X800 XL | 69 | 2184 | NA | NA |
| Diamond X1300-PCIE 256MB | 70 | 2181 | NA | NA |
| FireGL V3300 | 70 | 2178 | NA | NA |
| GeForce 8600M GS | 70 | 2179 | NA | NA |
| Quadro NVS 150M | 70 | 2180 | NA | NA |
| Radeon X550XTX | 70 | 2177 | NA | NA |
| FireGL V7100 | 71 | 2172 | 0.22 | \$328.67* |
| M880G with Mobility Radeon HD 4225 | 71 | 2174 | NA | NA |
| MEDION RADEON 9800 XXL | 71 | 2173 | NA | NA |
| Radeon X1650 SE | 71 | 2176 | NA | NA |
| RADEON X700 SE | 71 | 2175 | NA | NA |
| RADEON X700 | 72 | 2171 | NA | NA |
| RADEON X850 PRO | 72 | 2170 | NA | NA |
| FireMV 2450 | 73 | 2166 | NA | NA |
| Mobility Radeon HD 4300 Serisi | 73 | 2169 | NA | NA |
| Radeon 3100 | 73 | 2167 | 0.41 | \$179.00 |
| RADEON X800 PRO/GTO | 73 | 2168 | NA | NA |
| GeForce 7350 LE | 74 | 2165 | NA | NA |

| | | | | |
|---|----|------|----------------------|---------------------------|
| RADEON X800GT | 79 | 2156 | NA | NA |
| GeForce 7300 LE | 80 | 2155 | 2.50 | \$32.00* |
| Quadro FX 540 | 80 | 2154 | 1.35 | \$59.99* |
| GeForce 8400 | 81 | 2150 | 0.14 | \$589.99* |
| GeForce 9100 | 81 | 2144 | NA | NA |
| GeForce 9300 SE | 81 | 2148 | NA | NA |
| MOBILITY FireGL V5000 | 81 | 2147 | NA | NA |
| Mobility Radeon 4100 | 81 | 2152 | NA | NA |
| Mobility Radeon X2500 | 81 | 2146 | NA | NA |
| nForce 980a/780a SLI | 81 | 2149 | NA | NA |
| RADEON X800 XT Platinum Edition | 81 | 2151 | NA | NA |
| RADEON X850 XT | 81 | 2153 | NA | NA |
| RADEON X850 XT Platinum Edition | 81 | 2145 | NA | NA |
| Radeon HD 3200 | 82 | 2143 | NA | NA |
| GeForce 999 GTX | 83 | 2140 | NA | NA |
| nForce 750a SLI | 83 | 2142 | NA | NA |
| Quadro FX 370 | 83 | 2141 | 0.67 | \$125.00* |
| ALL-IN-WONDER X800 GT | 84 | 2136 | NA | NA |
| FireGL V3200 | 84 | 2133 | NA | NA |
| GeForce 9300M G | 84 | 2135 | NA | NA |
| ION | 84 | 2138 | 0.37 | \$229.99* |
| Radeon X1300 PRO | 84 | 2137 | NA | NA |
| Radeon X1650 Pro | 84 | 2134 | 0.53 | \$160.89* |
| RADEON X800 GT | 84 | 2139 | NA | NA |
| Quadro FX 350 | 85 | 2132 | NA | NA |
| GeForce 6600 | 86 | 2131 | 0.33 | \$264.00* |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| GeForce G205M | | | | NA |
| Mobility Radeon HD 3450 | 91 | 2123 | NA | NA |
| RADEON X600XT | 91 | 2121 | NA | NA |
| FireGL V5100 | 92 | 2117 | 0.81 | \$114.96* |
| M880G with Mobility Radeon HD 4200 | 92 | 2116 | NA | NA |
| Mobility Radeon HD 4270 | 92 | 2115 | NA | NA |
| Mobility Radeon X1600 | 92 | 2118 | NA | NA |
| nForce 780a SLI | 92 | 2119 | NA | NA |
| Mobility Radeon HD 3470 | 93 | 2113 | NA | NA |
| Mobility Radeon HD 3470 Hybrid X2 | 93 | 2111 | NA | NA |
| Quadro FX 370M | 93 | 2114 | NA | NA |
| Radeon HD 6250 | 93 | 2112 | NA | NA |
| GeForce 9300M GS | 94 | 2109 | 2.17 | \$43.42* |
| MEDION RADEON X740XL | 94 | 2108 | NA | NA |
| Quadro NVS 295 | 94 | 2110 | 1.49 | \$63.00* |
| GeForce 6700 XL | 95 | 2107 | NA | NA |
| Radeon HD 3000 | 95 | 2106 | NA | NA |
| Mobility Radeon HD serie 4200 | 96 | 2105 | NA | NA |
| GeForce 9300GE | 97 | 2102 | 1.01 | \$97.20* |
| ION LE | 97 | 2101 | NA | NA |
| Quadro NVS 130M | 97 | 2104 | NA | NA |
| RADEON X800 XT | 97 | 2103 | NA | NA |
| GeForce 9400 | 98 | 2097 | NA | NA |
| Mobility Radeon HD 3430 | 98 | 2100 | NA | NA |
| Mobility Radeon HD 4250 | 98 | 2098 | NA | NA |
| Radeon 3000 | 98 | 2099 | 0.31 | \$319.00* |

| Mobility Radeon HD 2400 XT | 102 | 2090 | NA | NA |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Quadro FX 370 Low Profile | 102 | 2085 | NA | NA |
| Quadro NVS 420 | 102 | 2086 | 0.69 | \$150.00* |
| FireGL V3400 | 103 | 2084 | NA | NA |
| GeForce 9500M | 103 | 2083 | 1.02 | \$101.20* |
| GeForce 9450 | 104 | 2078 | NA | NA |
| M880G with Mobility Radeon HD 4250 | 104 | 2081 | NA | NA |
| Mobility Radeon X1700 | 104 | 2079 | NA | NA |
| Quadro FX 3400/4400 | 104 | 2080 | NA | NA |
| Quadro FX 570M | 104 | 2082 | NA | NA |
| GeForce GT 320M | 105 | 2076 | NA | NA |
| GeForce9400M | 105 | 2075 | NA | NA |
| Radeon HD 6290 | 105 | 2077 | NA | NA |
| GeForce Go 6800 | 106 | 2074 | NA | NA |
| Radeon Infoshock 3000 | 106 | 2072 | NA | NA |
| Radeon X1950 GT | 106 | 2073 | NA | NA |
| Intel Media Accelerator HD | 108 | 2070 | NA | NA |
| Quadro FX 370 LP | 108 | 2071 | NA | NA |
| GeForce 6800 LE | 109 | 2068 | NA | NA |
| Radeon HD 4270 | 109 | 2067 | NA | NA |
| VIA/S3G Chrome 645/640 GPU | 109 | 2069 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| FireGL V7350 | 110 | 2065 | 0.93 | \$119.42* |
| Radeon HD 2600 Pro AGP | 110 | 2066 | NA | NA |
| GeForce 9200M GS | 111 | 2062 | NA | NA |
| Intel G45/G43 Express Chipset | 111 | 2064 | NA | NA |

| Model | Rank | Year | Score | Price |
|---|------|------|----------------------|---------------------------|
| Radeon X1950 Pro | | | | NA |
| Sapphire RADEON X800 GT | 112 | 2056 | NA | NA |
| Quadro FX 560 | 113 | 2052 | 0.76 | \$150.25* |
| FireGL V5200 | 114 | 2050 | 0.86 | \$133.40* |
| GeForce Go 7800 | 114 | 2048 | NA | NA |
| NVS 3100M | 114 | 2049 | NA | NA |
| Radeon HD 2400 Pro | 114 | 2051 | NA | NA |
| RADEON X800 GTO | 114 | 2047 | NA | NA |
| GeForce 310M | 115 | 2042 | NA | NA |
| GeForce 315M | 115 | 2046 | NA | NA |
| GeForce 8300 GS | 115 | 2045 | NA | NA |
| Radeon HD 4330 | 115 | 2044 | NA | NA |
| Radeon X1600 XT | 115 | 2043 | NA | NA |
| FireGL V7200 | 116 | 2041 | NA | NA |
| GeForce G210M | 116 | 2040 | NA | NA |
| PHDGD Quantic C3 | 116 | 2038 | NA | NA |
| Radeon X1700 Targa Edition | 116 | 2039 | NA | NA |
| FireMV 2260 | 117 | 2036 | 1.33 | \$88.08* |
| Mobile Intel 45 Express-Chipsatzfamilie | 117 | 2037 | NA | NA |
| GeForce 505 | 118 | 2034 | 1.03 | \$115.06* |
| GeForce 9600M GS | 118 | 2035 | NA | NA |
| Qualcomm Adreno 540 GPU | 118 | 2033 | NA | NA |
| Radeon HD 2400 XT | 118 | 2030 | NA | NA |
| Radeon HD 3470 | 118 | 2032 | 1.08 | \$109.65* |
| RV530 PRO | 118 | 2031 | NA | NA |
| GeForce 310 | 119 | 2029 | 1.10 | \$108.35* |
| Extreme AX850 PRO | 120 | 2028 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| Radeon HD 4250 | | | | NA |
| Radeon HD 6310 | 122 | 2021 | NA | NA |
| GeForce 6800 XT | 123 | 2016 | NA | NA |
| GeForce 8600 GT | 123 | 2014 | 0.63 | \$196.00* |
| GeForce G105M | 123 | 2013 | NA | NA |
| Intel Haswell HD - GT1 | 123 | 2017 | NA | NA |
| Radeon HD 7290M | 123 | 2015 | NA | NA |
| GeForce 8700M GT | 124 | 2011 | NA | NA |
| Quadro FX 1400 | 124 | 2012 | 0.51 | \$245.01* |
| Seria Mobility Radeon HD 3400 | 124 | 2010 | NA | NA |
| GeForce 205 | 126 | 2009 | NA | NA |
| GeForce 9300 | 126 | 2006 | 2.15 | \$59.00* |
| Qualcomm Adreno 618 GPU | 126 | 2008 | NA | NA |
| Radeon HD 3300 | 126 | 2007 | NA | NA |
| All-in-Wonder X1900 | 127 | 2005 | NA | NA |
| GeForce Go 7600 | 127 | 2004 | NA | NA |
| FireGL V7300 | 128 | 2003 | 0.11 | \$1,189.99* |
| GeForce 9300 / nForce 730i | 128 | 2001 | NA | NA |
| Radeon HD 7310 | 128 | 2002 | NA | NA |
| RADEON X800 SE | 129 | 2000 | NA | NA |
| MOBILITY RADEON X1800 | 130 | 1999 | NA | NA |
| Quadro FX 1600M | 131 | 1998 | 0.87 | \$149.90* |
| Radeon HD 4350 | 132 | 1996 | 1.29 | \$102.24* |
| VIA/S3G C-645/640 GPU | 132 | 1997 | NA | NA |
| EAH5450 | 134 | 1993 | 1.22 | \$109.99* |
| GeForce 7650 GS | 134 | 1995 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| GeForce G200 | | | | NA |
| Radeon HD 5450 | 136 | 1985 | 1.44 | \$94.96* |
| GeForce 9650M GT | 137 | 1982 | 1.17 | \$117.30* |
| GeForce Go 6800 Ultra | 137 | 1980 | NA | NA |
| Quadro NVS 160M | 137 | 1981 | NA | NA |
| Radeon X1900 CrossFire Edition | 137 | 1983 | NA | NA |
| GeForce 6800 Ultra | 138 | 1978 | NA | NA |
| Radeon HD 8180 | 138 | 1979 | NA | NA |
| Intel Haswell HD - GT2 | 139 | 1977 | NA | NA |
| NVS 2100M | 139 | 1976 | NA | NA |
| Mobility Radeon HD 3650 | 140 | 1974 | 1.91 | \$73.53* |
| nForce 760i SLI | 140 | 1975 | NA | NA |
| Radeon HD 4290 | 140 | 1971 | NA | NA |
| Radeon HD 6290M | 140 | 1973 | NA | NA |
| RADEON HD 6350 | 140 | 1970 | 2.39 | \$59.00* |
| Radeon X1800 GTO | 140 | 1972 | NA | NA |
| FirePro 2270 | 142 | 1967 | 1.06 | \$134.00* |
| GeForce 6800 GT | 142 | 1968 | NA | NA |
| Mobility Radeon HD 4570 | 142 | 1969 | 1.87 | \$75.90* |
| GeForce 6600 GT | 143 | 1965 | 2.21 | \$64.95* |
| GeForce 9200M GE | 143 | 1966 | NA | NA |
| Radeon HD 6300M | 143 | 1964 | NA | NA |
| GeForce 9400 GT | 144 | 1963 | 0.91 | \$159.99* |
| Radeon X1900 GT | 145 | 1962 | NA | NA |
| GeForce GT 130M | 146 | 1961 | NA | NA |
| S3 5400EW | 146 | 1960 | NA | NA |

| Model | GPU Rank | GPU Year | GPU Price | GPU Price* |
|---|----------|----------|----------------------|---------------------------|
| GeForce 305M | | | | NA |
| GeForce 8400 GS | 150 | 1950 | 1.75 | \$85.97* |
| GeForce GT 120M | 150 | 1948 | NA | NA |
| Radeon HD 3650 AGP | 150 | 1951 | 0.81 | \$185.00* |
| Radeon X1950 CrossFire Edition | 151 | 1947 | NA | NA |
| Radeon HD 7340 | 153 | 1946 | 0.28 | \$552.69* |
| GeForce 8200 | 155 | 1944 | NA | NA |
| Radeon HD 4300/4500 Serisi | 155 | 1945 | NA | NA |
| Radeon HD 3450 | 156 | 1943 | 1.76 | \$89.00* |
| GeForce 7600 GS | 157 | 1942 | 0.90 | \$175.00* |
| GeForce 9500 GT | 157 | 1941 | 1.83 | \$85.99* |
| Quadro FX 380 | 157 | 1940 | 2.17 | \$72.50* |
| GeForce 315 | 158 | 1939 | 4.80 | \$32.99* |
| Radeon HD 3670 | 159 | 1938 | NA | NA |
| Quadro FX 1700 | 160 | 1937 | 0.46 | \$350.14* |
| Quadro FX 580 | 161 | 1936 | 1.24 | \$130.00* |
| Radeon HD 8350 | 162 | 1935 | 1.63 | \$99.81* |
| Intel HD manual-gen9_2015-133271 | 165 | 1933 | NA | NA |
| Radeon HD 7350 | 165 | 1934 | NA | NA |
| Radeon HD 7310M | 166 | 1932 | NA | NA |
| GeForce G102M | 167 | 1931 | NA | NA |
| Mobility Radeon HD 2600 | 167 | 1930 | NA | NA |
| GeForce 9200 | 168 | 1929 | NA | NA |
| GeForce GT 120 | 168 | 1928 | 5.63 | \$29.99* |
| GeForce GT 325M | 169 | 1925 | NA | NA |
| Intel 2nd Generation SandyBridge HD | 169 | 1927 | NA | NA |
| Quadro FX 1500 | 169 | 1926 | 1.48 | \$115.01* |

| | | | | |
|-----------------------------------|-----|------|----------------------|---------------------------|
| <u>GeForce 7800 GS</u> | 177 | 1916 | NA | NA |
| <u>FirePro 3D V3700</u> | 178 | 1915 | 2.10 | \$84.99* |
| <u>FireGL V3600</u> | 179 | 1912 | 1.12 | \$160.99* |
| <u>Quadro FX 3450/4000 SDI</u> | 179 | 1913 | NA | NA |
| <u>Radeon HD 6230</u> | 179 | 1914 | NA | NA |
| <u>Barco MXRT 7100</u> | 180 | 1911 | NA | NA |
| <u>Radeon HD 7310G</u> | 180 | 1910 | NA | NA |
| <u>Mobility Radeon HD 5430</u> | 181 | 1909 | NA | NA |
| <u>GeForce G100</u> | 184 | 1908 | 9.24 | \$19.99* |
| <u>GeForce 9500 GS</u> | 187 | 1907 | NA | NA |
| <u>Radeon HD 8210</u> | 187 | 1906 | NA | NA |
| <u>Mobility Radeon HD 540v</u> | 188 | 1904 | NA | NA |
| <u>NVS 5100M</u> | 188 | 1905 | NA | NA |
| <u>GeForce 6800 GS</u> | 191 | 1902 | NA | NA |
| <u>Mobility Radeon HD 2600 XT</u> | 191 | 1901 | NA | NA |
| <u>Mobility Radeon HD 4550</u> | 191 | 1903 | NA | NA |
| <u>Radeon HD 6430M</u> | 192 | 1900 | NA | NA |
| <u>Intel Infoshock HD</u> | 193 | 1898 | NA | NA |
| <u>Radeon HD 8210E</u> | 193 | 1899 | NA | NA |
| <u>Radeon HD 7340G</u> | 196 | 1897 | NA | NA |
| <u>Radeon HD 6450</u> | 197 | 1896 | 2.22 | \$89.00* |
| <u>Radeon HD 6320M</u> | 198 | 1895 | NA | NA |
| <u>Mobility Radeon HD 545v</u> | 199 | 1893 | NA | NA |
| <u>RADEON HD7450</u> | 199 | 1894 | 8.95 | \$22.25* |
| <u>Radeon HD 6380G</u> | 200 | 1892 | 0.50 | \$399.99* |
| <u>GeForce 7950 GX2</u> | 201 | 1890 | 3.67 | \$54.99* |

| GeForce Go 7800 GTX | 209 | 1880 | NA | NA |
|--|---|---------------------------|---------------------------------------|---------------------------|
| GeForce Go 7600 GT | 210 | 1881 | NA | NA |
| Radeon HD 2600 PRO | 211 | 1880 | 1.12 | \$188.44* |
| GeForce GT 230M | 212 | 1879 | NA | NA |
| Radeon R2E | 212 | 1878 | NA | NA |
| GeForce GT 240M | 213 | 1876 | NA | NA |
| Intel HD 2000 | 213 | 1877 | NA | NA |
| GeForce GT 330M | 214 | 1875 | NA | NA |
| Mobility Radeon HD 5450 | 214 | 1874 | NA | NA |
| Mobility Radeon. HD 5470 | 215 | 1872 | NA | NA |
| Quadro FX 880M | 215 | 1873 | NA | NA |
| GeForce GT 220 | 216 | 1870 | 5.43 | \$39.99* |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 6320 Graphic | 216 | 1871 | NA | NA |
| GeForce 7600 GT | 217 | 1869 | 1.09 | \$199.00* |
| Quadro FX 2500M | 217 | 1867 | 12.45 | \$17.50* |
| Radeon HD 8250 | 217 | 1868 | NA | NA |
| Mobility FireGL V5725 | 219 | 1866 | NA | NA |
| A6 Micro-6500T Quad-Core APU with RadeonR4 | 220 | 1865 | NA | NA |
| Quadro FX 770M | 220 | 1864 | 0.42 | \$527.00* |
| Radeon HD 7340M | 221 | 1863 | NA | NA |
| Radeon R5 230 | 221 | 1862 | 2.74 | \$81.10* |
| Intel G965 Express | 222 | 1861 | NA | NA |
| GT 430 | 223 | 1860 | 1.56 | \$142.88* |
| Radeon HD 7450 | 224 | 1859 | 4.50 | \$49.99* |
| Quadro FX 4500 | 227 | 1858 | 1.34 | \$169.00* |
| Radeon HD 6470M | 227 | 1857 | 0.40 | \$569.99* |

| Video Card Model | GPU Score | GPU Benchmark | GPU Model | GPU Price |
|--|-----------|---------------|----------------------|-----------------------------|
| Quadro FX 4500 X2 | 236 | 1846 | NA | NA |
| Radeon HD 6410D | 236 | 1847 | NA | NA |
| Radeon HD 8280E | 239 | 1845 | 3.41 | \$69.99* |
| Radeon HD 4650 | 239 | 1844 | 1.57 | \$152.90* |
| Quadro FX 5500 | 242 | 1843 | 0.12 | \$1,999.00* |
| GeForce 7800 GT | 244 | 1842 | 3.05 | \$80.00* |
| NVS 310 | 246 | 1840 | 3.97 | \$62.06* |
| Radeon R2 | 246 | 1841 | NA | NA |
| GeForce 7900 GT/GTO | 247 | 1839 | NA | NA |
| Radeon HD 7640G + 8600M Dual | 249 | 1838 | NA | NA |
| GeForce GT 415 | 251 | 1836 | NA | NA |
| Radeon HD 8330E | 251 | 1837 | NA | NA |
| Radeon HD 8470 | 251 | 1835 | NA | NA |
| GeForce 7900 GS | 253 | 1833 | NA | NA |
| Quadro NVS 510M | 253 | 1834 | NA | NA |
| GeForce 510 | 254 | 1832 | 3.64 | \$69.99* |
| Intel HD 3000 | 255 | 1830 | 0.27 | \$945.00* |
| Radeon HD 6370D | 255 | 1831 | NA | NA |
| Radeon HD 6480G | 256 | 1829 | NA | NA |
| GeForce 410M | 257 | 1828 | NA | NA |
| GeForce 7900 GT | 258 | 1826 | 1.30 | \$199.00* |
| RDPDD Chained DD | 258 | 1827 | NA | NA |
| Quadro FX 3500 | 259 | 1825 | 3.77 | \$68.98* |
| Radeon HD 6450A | 260 | 1824 | NA | NA |
| Radeon HD 8280 | 260 | 1822 | NA | NA |
| Radeon HD 8330 | 260 | 1823 | NA | NA |

| | | | | |
|--|-----|------|----------------------|---------------------------|
| GeForce 9650M GS | | | | |
| GeForce Go 7900 GTX | 270 | 1813 | NA | NA |
| Intel HD P3000 | 275 | 1812 | NA | NA |
| Radeon HD 6370M | 275 | 1810 | NA | NA |
| Radeon HD 8400E | 275 | 1811 | NA | NA |
| NVS 4200M | 276 | 1809 | 0.69 | \$399.00* |
| Radeon R5 235X | 277 | 1808 | NA | NA |
| GeForce 9700M GTS | 278 | 1807 | NA | NA |
| Radeon HD 7480D | 278 | 1806 | NA | NA |
| GeForce GT 520M | 280 | 1805 | 9.37 | \$29.95* |
| GeForce GT 520MX | 280 | 1804 | NA | NA |
| GeForce 9600 GS | 281 | 1803 | NA | NA |
| Qualcomm Adreno 630 GPU | 282 | 1801 | NA | NA |
| Radeon HD 2600 XT | 282 | 1802 | 1.78 | \$159.00* |
| Mobility Radeon HD 5165 | 284 | 1800 | NA | NA |
| GeForce GT 415M | 286 | 1799 | NA | NA |
| GeForce 7950 Xtreme | 287 | 1798 | NA | NA |
| Radeon HD 7450A | 288 | 1797 | NA | NA |
| Radeon HD 7470 | 289 | 1796 | 3.55 | \$81.37* |
| GeForce 7800 GTX | 290 | 1795 | 4.06 | \$71.60* |
| GeForce 610M | 291 | 1794 | NA | NA |
| Radeon HD 2900 GT | 292 | 1793 | NA | NA |
| GeForce 9600M GT / GeForce GT 220M | 293 | 1792 | NA | NA |
| GRID K120Q | 293 | 1791 | NA | NA |
| Radeon R5E | 296 | 1790 | NA | NA |
| Intel HD 500 | 298 | 1789 | NA | NA |
| Radeon HD 6520G | 299 | 1788 | NA | NA |

| GeForce GT 520 | | | | |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Radeon HD 7520G + 8600/8700M Dual | 311 | 1778 | NA | NA |
| Radeon HD 8370D | 311 | 1777 | NA | NA |
| Radeon HD 7520G | 316 | 1776 | NA | NA |
| Mobility Radeon HD 560v | 318 | 1775 | NA | NA |
| GeForce 240M GT | 319 | 1774 | NA | NA |
| FirePro V3800 | 320 | 1771 | 2.57 | \$124.99* |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce 605 | 320 | 1773 | 2.34 | \$136.83* |
| RADEON HD6370D | 320 | 1772 | NA | NA |
| Intel UHD Graphics 600 | 321 | 1770 | NA | NA |
| GeForce GT 230 | 323 | 1769 | 7.35 | \$43.99* |
| Radeon E6460 | 323 | 1768 | NA | NA |
| GeForce GT 120 / 9500 GT | 324 | 1767 | NA | NA |
| GeForce 9600 GSO | 327 | 1766 | 6.54 | \$49.99* |
| Radeon HD 7600G | 327 | 1765 | NA | NA |
| Radeon HD 7600G + HD 7400M Dual | 328 | 1764 | NA | NA |
| GeForce 9600 GSO 512 | 329 | 1762 | NA | NA |
| Radeon HD 7450M | 329 | 1763 | NA | NA |
| GeForce 8800 GS | 330 | 1761 | NA | NA |
| Radeon HD 7540D | 330 | 1760 | NA | NA |
| GeForce GT 705 | 331 | 1759 | 1.12 | \$296.76* |
| Radeon R5 310 | 331 | 1758 | 0.66 | \$499.00* |
| Radeon HD 7600G + 8500M/8700M Dual | 333 | 1757 | NA | NA |
| Radeon R4 | 334 | 1756 | 0.84 | \$396.99* |
| FirePro RG220 | 335 | 1755 | 0.52 | \$650.18* |
| Radeon R5 235 | 336 | 1754 | 5.59 | \$60.13* |

| Intel HD 4000 | | | | |
|--|---|---------------------------|---------------------------------------|--------------------------|
| Radeon HD 8450G | 348 | 1744 | NA | NA |
| Radeon HD 7580D | 350 | 1743 | NA | NA |
| ZX C-1080 | 351 | 1742 | NA | NA |
| GeForce GT 625 | 353 | 1739 | NA | NA |
| Mobility Radeon HD 565v | 353 | 1741 | NA | NA |
| Radeon HD 6480M | 353 | 1740 | NA | NA |
| Intel HD 505 | 354 | 1738 | NA | NA |
| Radeon HD 7500G + HD 7500M/7600M Dual | 355 | 1737 | NA | NA |
| Radeon HD 8510G | 356 | 1736 | NA | NA |
| Radeon Vega 3 Ryzen Embedded R1305G | 358 | 1735 | NA | NA |
| Radeon HD 7620G | 363 | 1733 | NA | NA |
| Radeon HD 7660G + HD 8600M Dual | 363 | 1734 | NA | NA |
| Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D | 364 | 1731 | NA | NA |
| Radeon HD 8470D | 364 | 1732 | NA | NA |
| Mobility Radeon HD 3850 | 365 | 1730 | NA | NA |
| Radeon HD4670 | 365 | 1729 | NA | NA |
| Matrox Millennium P690 PCIe x16 | 366 | 1728 | NA | NA |
| GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT | 368 | 1727 | NA | NA |
| Intel UHD Graphics 605 | 369 | 1726 | NA | NA |
| Quadro FX 2700M | 370 | 1725 | 3.70 | \$99.95* |
| Radeon 3015e | 370 | 1724 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| PHDGD Ivy 4 | 374 | 1723 | NA | NA |
| Radeon HD 8570D + HD8490 Dual | 374 | 1722 | NA | NA |
| GRID P4-1Q | 375 | 1721 | NA | NA |
| GeForce 9800M GTS | 376 | 1720 | NA | NA |

| Video Card Model | Rank | Score | Price | Price* |
|---|------|-------|----------------------|---------------------------|
| <u>GeForce 9800M GT</u> | | | | NA |
| <u>GeForce GT 130</u> | 381 | 1711 | 2.52 | \$151.34* |
| <u>GeForce 8800M GTS</u> | 382 | 1709 | NA | NA |
| <u>GeForce GT 335M</u> | 384 | 1708 | NA | NA |
| <u>GeForce 7900 GTX</u> | 387 | 1707 | NA | NA |
| <u>Incredible HD</u> | 389 | 1706 | NA | NA |
| <u>Radeon HD 7600G + 7450M Dual</u> | 389 | 1705 | NA | NA |
| <u>Radeon HD 3850</u> | 392 | 1704 | NA | NA |
| <u>Intel HD 5300</u> | 393 | 1703 | NA | NA |
| <u>Radeon R5 Opteron X3216</u> | 394 | 1702 | NA | NA |
| <u>Radeon HD 8650D</u> | 396 | 1701 | NA | NA |
| <u>GeForce GT 330</u> | 397 | 1700 | 9.94 | \$39.99* |
| <u>Radeon HD 6550D</u> | 400 | 1699 | NA | NA |
| <u>Mobility Radeon HD 4650</u> | 401 | 1698 | NA | NA |
| <u>Quadro FX 1800</u> | 402 | 1697 | 2.98 | \$135.00* |
| <u>GeForce GT 420M</u> | 405 | 1696 | NA | NA |
| <u>RADEON E4690</u> | 405 | 1695 | NA | NA |
| <u>Radeon HD 7600G + 7500M/7600M Dual</u> | 405 | 1694 | NA | NA |
| <u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u> | 406 | 1693 | NA | NA |
| <u>GeForce GTS 350M</u> | 407 | 1691 | NA | NA |
| <u>Radeon HD 7470M</u> | 407 | 1692 | NA | NA |
| <u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u> | 408 | 1690 | NA | NA |
| <u>Radeon HD 8550G</u> | 410 | 1689 | NA | NA |
| <u>GeForce 810M</u> | 411 | 1688 | NA | NA |
| <u>Radeon R5 M230</u> | 412 | 1687 | NA | NA |
| <u>Quadro FX 2800M</u> | 415 | 1686 | 2.18 | \$190.00* |
| <u>GeForce 8800 GTS</u> | 417 | 1685 | 5.21 | \$79.99* |

[Radeon HD 7570M](#)

428

1675

NA

NA

Videocard Name

Passmark G3D Mark
(higher is better)Rank
(lower is better)Videocard Value
(higher is better)Price
(USD)[Quadro FX 4600](#)

430

1674

[1.29](#)[\\$333.25*](#)[Radeon HD 3850 AGP](#)

432

1673

NA

NA

[GeForce GT 620M](#)

434

1672

NA

NA

[Radeon HD 7600G + HD Dual](#)

435

1670

NA

NA

[Radeon HD 8410G](#)

435

1671

NA

NA

[Quadro 410](#)

438

1669

[3.40](#)[\\$129.00*](#)[Radeon HD 8570M](#)

441

1668

NA

NA

[Radeon HD 7620G + HD 8600M Dual](#)

442

1666

NA

NA

[Radeon HD 7650M](#)

442

1667

NA

NA

[Radeon HD 8570D](#)

443

1665

NA

NA

[Radeon R5 M320](#)

444

1664

NA

NA

[GeForce GT 710M](#)

445

1662

NA

NA

[PHDGD Ivy 5](#)

445

1663

NA

NA

[Radeon HD 7660G + 8600M Dual](#)

445

1661

NA

NA

[Radeon HD 7520G + HD 7600M Dual](#)

447

1660

NA

NA

[Mobility Radeon HD 5650](#)

448

1659

NA

NA

[Radeon R5 M240](#)

449

1658

NA

NA

[Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D](#)

451

1657

NA

NA

[Radeon HD 8450G + HD 8600M Dual](#)

452

1656

NA

NA

[Radeon HD 7520G + 7650M Dual](#)

453

1655

NA

NA

[GeForce 9800M GTX](#)

454

1654

[1.38](#)[\\$328.50*](#)[GeForce 705M](#)

455

1653

NA

NA

[Quadro FX 3700M](#)

456

1652

[0.49](#)[\\$925.00*](#)[Radeon HD 7560D](#)

456

1651

NA

NA

| GeForce GT 320 | 461 | 1641 | NA | \$32.69* |
|---|---|---------------------------|---------------------------------------|---------------------------|
| GeForce GT 720M | 461 | 1641 | NA | NA |
| GeForce 8800M GTX | 462 | 1640 | NA | NA |
| GeForce 9800 GT | 462 | 1639 | 6.17 | \$74.99* |
| Mobility Radeon HD 4670 | 463 | 1638 | NA | NA |
| FirePro V5700 | 464 | 1637 | 2.47 | \$188.06* |
| Radeon HD 7550M | 464 | 1636 | NA | NA |
| Radeon HD 7660D + 7470 Dual | 465 | 1635 | NA | NA |
| SUMO 9644 | 465 | 1634 | NA | NA |
| Quadro FX 1800M | 466 | 1633 | NA | NA |
| Quadro FX 3600M | 466 | 1632 | NA | NA |
| Radeon HD 8570D + R5 235 Dual | 470 | 1631 | NA | NA |
| Radeon HD 7660G | 471 | 1630 | NA | NA |
| FirePro 3D V3800 | 472 | 1629 | 3.15 | \$149.99* |
| Radeon HD 7640G + HD 8570M Dual | 474 | 1628 | NA | NA |
| Radeon HD 8450G + 8670M Dual | 474 | 1627 | NA | NA |
| Radeon R6 A8-8600P | 474 | 1626 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce 710A | 475 | 1625 | NA | NA |
| Radeon HD 7670M | 475 | 1624 | 0.75 | \$629.99* |
| GeForce 800A | 476 | 1623 | NA | NA |
| Radeon HD 7600G + HD 7500M/7600M Dual | 476 | 1622 | NA | NA |
| Mobility Radeon HD 3870 X2 | 477 | 1619 | NA | NA |
| Radeon HD 8450G + HD 8670M Dual | 477 | 1620 | NA | NA |
| Radeon R5 M315 | 477 | 1621 | NA | NA |
| GeForce GT 540M | 478 | 1617 | 5.44 | \$87.95* |
| GeForce GT 625M | 478 | 1616 | NA | NA |

| | | | | |
|---|-----|------|----------------------|---------------------------|
| <u>Radeon R4E</u> | 487 | 1609 | NA | NA |
| <u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u> | 488 | 1606 | NA | NA |
| <u>Radeon HD8530M</u> | 490 | 1605 | NA | NA |
| <u>Radeon HD 7520G + HD 7670M Dual</u> | 495 | 1604 | NA | NA |
| <u>ASUS EAH4870x2</u> | 496 | 1603 | NA | NA |
| <u>GeForce 820M</u> | 496 | 1602 | NA | NA |
| <u>Radeon R7 M260</u> | 496 | 1601 | 0.62 | \$799.00* |
| <u>Radeon HD 7500G + 7550M Dual</u> | 497 | 1600 | NA | NA |
| <u>Radeon HD 8690A</u> | 497 | 1599 | NA | NA |
| <u>SUMO 964A</u> | 497 | 1598 | NA | NA |
| <u>Radeon R7 M265DX</u> | 498 | 1596 | NA | NA |
| <u>TRINITY SCRAPPER MOBILE</u> | 498 | 1597 | NA | NA |
| <u>Mobility Radeon HD 5730</u> | 500 | 1595 | NA | NA |
| <u>Radeon HD 7660D</u> | 503 | 1594 | NA | NA |
| <u>Radeon HD 8450G + HD 8750M Dual</u> | 503 | 1593 | NA | NA |
| <u>GeForce GTS 150M</u> | 504 | 1592 | NA | NA |
| <u>GeForce 9800 GTX+</u> | 506 | 1590 | NA | NA |
| <u>Radeon Vega 2</u> | 506 | 1591 | NA | NA |
| <u>Radeon HD 7620G + HD 8670M Dual</u> | 507 | 1589 | NA | NA |
| <u>Radeon Vega 3 Athlon Silver 3050e</u> | 507 | 1588 | NA | NA |
| <u>Radeon HD 7620G + 8600M Dual</u> | 508 | 1586 | NA | NA |
| <u>Radeon R5 PRO A6-8500B 2C+4G</u> | 508 | 1587 | NA | NA |
| <u>Radeon HD 7600G + HD 7550M Dual</u> | 509 | 1585 | NA | NA |
| <u>GeForce GT 240</u> | 510 | 1584 | 3.17 | \$160.97* |
| <u>Radeon HD 7640G + 7610M Dual</u> | 510 | 1583 | NA | NA |
| <u>Mobility Radeon HD 4830</u> | 511 | 1582 | NA | NA |

| Model | Score | Score | Price | Price |
|--|-------|-------|----------------------|---------------------------|
| Intel UHD 630 | | | | NA |
| Radeon 6600M | 523 | 1571 | NA | NA |
| Radeon HD 7520G + 7670M Dual | 523 | 1573 | NA | NA |
| Radeon HD 7660D + R5 235 Dual | 523 | 1570 | NA | NA |
| Radeon HD 7660G + HD 7600M Dual | 523 | 1572 | NA | NA |
| Quadro FX 5600 | 525 | 1569 | 1.78 | \$295.00* |
| Radeon HD 7600G N HD 7600G + HD ON HD Dual | 526 | 1568 | NA | NA |
| Radeon HD 7640G + 6400M Dual | 526 | 1567 | NA | NA |
| GeForce GT 425M | 527 | 1565 | NA | NA |
| Mobility Radeon HD 5570 | 527 | 1566 | NA | NA |
| GeForce GT 435M | 528 | 1564 | NA | NA |
| Radeon HD 8650G | 528 | 1563 | NA | NA |
| Radeon HD 8550G + HD 8570M Dual | 529 | 1562 | NA | NA |
| Radeon HD 8670D | 529 | 1561 | NA | NA |
| RADEON HD6530D | 531 | 1560 | NA | NA |
| Radeon R6 PRO A8-8600B 4C+6G | 531 | 1559 | NA | NA |
| Radeon HD 8550G + 8570M Dual | 532 | 1558 | NA | NA |
| GRID K180Q | 533 | 1557 | NA | NA |
| Quadro 600 | 534 | 1556 | 7.03 | \$76.00* |
| Radeon HD 7560D + HD 7000 Dual | 534 | 1554 | NA | NA |
| Radeon R5 M255 | 534 | 1555 | NA | NA |
| Radeon R6 PRO A10-8700B 4C+6G | 538 | 1553 | NA | NA |
| GeForce GT 630M | 539 | 1550 | NA | NA |
| Qualcomm Adreno 675 GPU | 539 | 1552 | NA | NA |
| Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G | 539 | 1551 | NA | NA |
| Radeon R5 240 | 541 | 1548 | 6.37 | \$85.00* |
| Radeon R6 A10-8700P | 541 | 1549 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|---------------------------|
| Radeon R7 M265 | | | | NA |
| FirePro 3D V5700 | 546 | 1537 | 1.71 | \$319.99* |
| Radeon HD 8550G + HD 8670M Dual | 546 | 1538 | NA | NA |
| Mobility Radeon HD 3870 | 547 | 1536 | NA | NA |
| Radeon HD 8550G + HD 7600M Dual | 547 | 1535 | NA | NA |
| Radeon R5 M335 | 548 | 1534 | NA | NA |
| FireGL V8650 | 550 | 1533 | 1.84 | \$298.99* |
| Radeon R7 7850A10-7850K | 551 | 1532 | NA | NA |
| GeForce GTS 250M | 553 | 1530 | NA | NA |
| Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G | 553 | 1531 | NA | NA |
| GeForce 9800M GS | 554 | 1528 | NA | NA |
| GF117 | 554 | 1529 | NA | NA |
| GeForce 820A | 555 | 1524 | NA | NA |
| Radeon Athlon PRO 3045B | 555 | 1526 | NA | NA |
| Radeon HD 3870 | 555 | 1527 | 7.93 | \$69.99* |
| Radeon HD 6570 | 555 | 1525 | 8.55 | \$64.99* |
| GeForce GTS 240 | 556 | 1523 | 8.56 | \$64.99* |
| Radeon HD 7640G + 8570M Dual | 558 | 1522 | NA | NA |
| Radeon HD 7640G + 8670M Dual | 558 | 1521 | NA | NA |
| Radeon HD 8550G + HD 8500M Dual | 558 | 1520 | NA | NA |
| Radeon HD 7640G + R5 M200 Dual | 559 | 1519 | NA | NA |
| GeForce GT 635M | 560 | 1518 | NA | NA |
| Radeon HD 7560D + R5 235 Dual | 563 | 1517 | NA | NA |
| Radeon R7E | 564 | 1516 | NA | NA |
| Radeon HD 6610M | 565 | 1515 | NA | NA |
| Radeon HD 8550D | 566 | 1514 | NA | NA |

| Video Card Model | Score | GPU | Price | Model List |
|--|-------|------|-----------------------|---------------------------|
| Radeon Vega 3 3020e | 570 | 1504 | NA | NA |
| GeForce GT 550M | 573 | 1504 | NA | NA |
| GeForce GT 720A | 573 | 1503 | NA | NA |
| Radeon HD 7520G + HD 7700M Dual | 574 | 1500 | NA | NA |
| Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760 | 574 | 1502 | NA | NA |
| Radeon R5 420 | 574 | 1501 | 14.39 | \$39.95* |
| GeForce GTX 280M | 575 | 1499 | NA | NA |
| Intel Skylake HD DT GT2 | 576 | 1497 | NA | NA |
| Radeon R5 A240 | 576 | 1498 | NA | NA |
| Radeon HD 7620G + 8670M Dual | 577 | 1496 | NA | NA |
| Radeon HD 8610G + HD 8670M Dual | 577 | 1495 | NA | NA |
| Radeon HD 8450G + R5 M230 Dual | 578 | 1494 | NA | NA |
| Radeon HD 8550G + 8670M Dual | 579 | 1493 | NA | NA |
| Radeon HD 7520G + 7500/7600 Dual | 582 | 1492 | NA | NA |
| Intel HD 5000 | 584 | 1491 | 0.94 | \$625.00* |
| Quadro FX 3800M | 585 | 1489 | NA | NA |
| Radeon HD 7640G + 8500M Dual | 585 | 1488 | NA | NA |
| Radeon HD 8650G + HD 8670M Dual | 585 | 1490 | NA | NA |
| Radeon HD 7640G + HD 8600/8700M Dual | 586 | 1486 | NA | NA |
| Radeon R5 A6-8500P | 586 | 1487 | NA | NA |
| Radeon HD 7660G + 8670M Dual | 587 | 1485 | NA | NA |
| Radeon HD 7520G + 7610M Dual | 588 | 1483 | NA | NA |
| Radeon HD 7660G + 7400M Dual | 588 | 1484 | NA | NA |
| Radeon HD 8610G + 8600M Dual | 588 | 1482 | NA | NA |
| Intel HD 5500 | 589 | 1481 | NA | NA |
| Radeon HD 7640G + HD 7700M Dual | 589 | 1480 | NA | NA |
| GeForce 8800 GTX | 590 | 1479 | 4.92 | \$119.99* |

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|--|-----|------|----------------------|---------------------------|
| Radeon R5 M330 | 595 | 1471 | NA | NA |
| Radeon HD 8510G + 8500M Dual | 596 | 1470 | NA | NA |
| Matrox C420 LP PCIe x16 | 597 | 1469 | NA | NA |
| Radeon R7 PRO A12-8800B | 597 | 1467 | NA | NA |
| Radeon Vega 3 Athlon Gold 3150U | 597 | 1468 | NA | NA |
| GeForce GTS 250 | 598 | 1466 | 8.56 | \$69.99* |
| Radeon HD 8610G + 8670M Dual | 599 | 1465 | NA | NA |
| GeForce GT 430 | 600 | 1464 | 4.29 | \$139.99* |
| GeForce 910M | 601 | 1463 | NA | NA |
| Radeon HD 8550G + 8500M Dual | 602 | 1462 | NA | NA |
| Intel HD P4600 | 604 | 1461 | NA | NA |
| Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G | 605 | 1460 | NA | NA |
| Radeon R6 M255DX | 605 | 1459 | NA | NA |
| Radeon HD 8650G + HD 8600M Dual | 606 | 1458 | NA | NA |
| Radeon HD 7640G + HD 8500M Dual | 607 | 1457 | NA | NA |
| Radeon R7 A360 | 607 | 1456 | NA | NA |
| GeForce 9800 GTX/9800 GTX+ | 608 | 1455 | 6.76 | \$89.99* |
| 7900 MOD - Radeon HD 6520G | 610 | 1453 | NA | NA |
| GeForce GT 720 | 610 | 1452 | 6.11 | \$99.99* |
| Radeon HD 8610G + 8500M Dual | 610 | 1454 | NA | NA |
| Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D | 611 | 1451 | NA | NA |
| Radeon HD 8650G + 8600M Dual | 613 | 1450 | NA | NA |
| GeForce 720A | 614 | 1449 | NA | NA |
| FireGL V7600 | 615 | 1448 | NA | NA |
| Radeon HD 7500G + 7500M/7600M Dual | 616 | 1447 | NA | NA |
| Radeon HD 7570 | 616 | 1446 | 6.02 | \$102.49* |

| Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G | | | | NA |
|--|--------------------------------------|------------------------|------------------------------------|---------------------------|
| Intel HD 510 | 625 | 1436 | NA | NA |
| NVS 5400M | 625 | 1435 | NA | NA |
| Radeon HD 8650G + 8500M Dual | 626 | 1434 | NA | NA |
| Radeon HD 2900 PRO | 627 | 1432 | NA | NA |
| Radeon HD 7640G + 7500/7600 Dual | 627 | 1433 | NA | NA |
| GRID K160Q | 628 | 1430 | NA | NA |
| Intel HD 4600 | 628 | 1431 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon R7 PRO A10-9700B | 628 | 1429 | NA | NA |
| Radeon HD 8510G + HD 8500M Dual | 629 | 1428 | NA | NA |
| GeForce GT 710 | 630 | 1427 | 2.52 | \$249.99* |
| Radeon HD 7640G + HD 7700M N HD 7700M Dual | 630 | 1425 | NA | NA |
| Radeon HD 7660G + 7470M Dual | 630 | 1426 | NA | NA |
| Radeon HD 7610M | 632 | 1424 | NA | NA |
| Intel HD 515 | 633 | 1423 | NA | NA |
| Radeon HD 5600/5700 | 633 | 1422 | NA | NA |
| Radeon HD 7660D + HD 7000 Dual | 633 | 1421 | NA | NA |
| Intel HD P4600/P4700 | 634 | 1419 | NA | NA |
| Radeon HD 8650G + HD 7670M Dual | 634 | 1420 | NA | NA |
| GeForce 9800 S | 635 | 1417 | NA | NA |
| Radeon HD 8650G + 8670M Dual | 635 | 1418 | NA | NA |
| GeForce GTX 285M | 636 | 1416 | NA | NA |
| Radeon HD 7640G + 7400M Dual | 637 | 1414 | NA | NA |
| Radeon HD 8450G + 8750M Dual | 637 | 1415 | NA | NA |
| Radeon R5 PRO A6-8570E 2C+4G | 637 | 1413 | NA | NA |
| GeForce GT 735M | 639 | 1412 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Radeon R8 M365DX | | | | NA |
| Radeon R5 M430 | 648 | 1402 | NA | NA |
| GRID K1 | 650 | 1400 | 1.65 | \$395.00* |
| SUMO 9640 | 650 | 1401 | NA | NA |
| Radeon HD 7520G + HD 8750M Dual | 651 | 1399 | NA | NA |
| Radeon HD 8650G + HD 8750M Dual | 651 | 1398 | NA | NA |
| GeForce GTS 360M | 653 | 1397 | NA | NA |
| GeForce GT 555M | 654 | 1394 | 3.70 | \$177.20* |
| Radeon HD 7640G + 8750M Dual | 654 | 1393 | NA | NA |
| Radeon HD 8550G + HD 8600/8700M Dual | 654 | 1395 | NA | NA |
| Radeon HD 8650G + 8570M Dual | 654 | 1396 | NA | NA |
| GeForce GT 140 | 657 | 1392 | NA | NA |
| Radeon R5 PRO A8-9600B 4C+6G | 658 | 1391 | NA | NA |
| Radeon HD 2900 XT | 659 | 1389 | NA | NA |
| Radeon R7 M340 | 659 | 1390 | NA | NA |
| FireGL V7700 | 660 | 1388 | 9.43 | \$69.99* |
| GeForce GT 530 | 663 | 1387 | 13.55 | \$49.00* |
| Radeon HD 8550G + 8690M Dual | 664 | 1386 | NA | NA |
| FirePro M7740 | 665 | 1385 | NA | NA |
| Radeon HD 7640G + HD 8500M N HD 8500M Dual | 665 | 1384 | NA | NA |
| GeForce GT 740A | 667 | 1383 | NA | NA |
| Radeon R7 A8 PRO-7600B | 670 | 1381 | NA | NA |
| Radeon R8 M535DX | 670 | 1382 | NA | NA |
| Quadro FX 4700 X2 | 676 | 1380 | NA | NA |
| Radeon HD 8610G + R5 M200 Dual | 676 | 1379 | NA | NA |
| GeForce GT 630 | 677 | 1377 | 4.61 | \$147.01* |

| Video Card Model | GPU Score | GPU Score | GPU Score | GPU Score |
|---|-----------|-----------|----------------------|---------------------------|
| <u>Radeon Athlon Silver 3050U</u> | 686 | 1369 | NA | NA |
| <u>Radeon HD 8650G + R5 M230 Dual</u> | 686 | 1370 | NA | NA |
| <u>Radeon HD 7640G + 8600/8700M Dual</u> | 688 | 1368 | NA | NA |
| <u>Radeon R5 PRO A6-8530B 2C+4G</u> | 689 | 1367 | NA | NA |
| <u>Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G</u> | 689 | 1366 | NA | NA |
| <u>Intel HD 610</u> | 690 | 1365 | NA | NA |
| <u>Radeon HD 7640G + 7700M Dual</u> | 690 | 1364 | NA | NA |
| <u>Radeon R5 PRO A6-9500B 2C+4G</u> | 693 | 1363 | NA | NA |
| <u>Radeon R5 PRO A10-8730B 4C+6G</u> | 695 | 1362 | NA | NA |
| <u>Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</u> | 696 | 1361 | NA | NA |
| <u>Radeon R5 A6-7480</u> | 698 | 1360 | NA | NA |
| <u>GeForce GT 640M LE</u> | 699 | 1356 | 0.82 | \$849.99* |
| <u>NVS 510</u> | 699 | 1357 | 6.25 | \$111.99* |
| <u>Radeon HD 7570M/HD 7670M</u> | 699 | 1359 | NA | NA |
| <u>TRINITY DEVASTATOR MOBILE</u> | 699 | 1358 | NA | NA |
| <u>Radeon R7 PRO A12-9800B</u> | 702 | 1355 | NA | NA |
| <u>Radeon HD 7640G + HD 7600M Dual</u> | 704 | 1354 | NA | NA |
| <u>Radeon HD 7660G N HD 7660G + HD 7670M Dual</u> | 704 | 1353 | NA | NA |
| <u>Radeon HD 7640G + 7600M Dual</u> | 705 | 1352 | NA | NA |
| <u>Radeon HD 7660G + HD 7670M Dual</u> | 706 | 1351 | NA | NA |
| <u>Radeon HD 6550A</u> | 707 | 1350 | NA | NA |
| <u>Radeon HD 3870 X2</u> | 708 | 1349 | NA | NA |
| <u>Intel HD 615</u> | 711 | 1347 | NA | NA |
| <u>Radeon HD 7660G + HD 8670M Dual</u> | 711 | 1348 | NA | NA |
| <u>Radeon Vega 3 Athlon 320GE</u> | 714 | 1346 | NA | NA |
| <u>Intel UHD Graphics 610</u> | 715 | 1345 | NA | NA |
| <u>Radeon HD 8650G + HD 8570M Dual</u> | 716 | 1344 | NA | NA |

| <u>Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</u> | 722 | 1333 | NA | NA |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <u>Radeon HD 8650G + R5 M200 Dual</u> | 722 | 1335 | NA | NA |
| <u>Radeon R7 PRO A8-8650B</u> | 724 | 1332 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| <u>Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4</u> | 726 | 1331 | NA | NA |
| <u>GRID K140Q</u> | 727 | 1330 | NA | NA |
| <u>Radeon R7 A12-9700P RADEON</u> | 727 | 1329 | 1.67 | \$435.92* |
| <u>Radeon HD 7550M/7650M</u> | 728 | 1328 | NA | NA |
| <u>Radeon HD 6670</u> | 730 | 1327 | 10.59 | \$68.99* |
| <u>Quadro K610M</u> | 731 | 1325 | 3.05 | \$240.00* |
| <u>Radeon R5 A10-9620P 4C+6G</u> | 731 | 1326 | NA | NA |
| <u>Radeon R7 A12-9720P RADEON</u> | 732 | 1324 | 2.00 | \$365.48* |
| <u>Radeon R5 235 + HD 8570D Dual</u> | 737 | 1323 | NA | NA |
| <u>GeForce GT 340</u> | 738 | 1321 | 13.93 | \$52.99* |
| <u>Intel Poison Ivy</u> | 738 | 1320 | NA | NA |
| <u>Radeon HD 7670M + 7670M Dual</u> | 738 | 1322 | NA | NA |
| <u>Intel UHD Graphics 615</u> | 740 | 1318 | NA | NA |
| <u>Radeon R7 FX-9800P RADEON</u> | 740 | 1319 | 1.40 | \$530.00* |
| <u>Radeon HD 8650G + 7600M Dual</u> | 741 | 1317 | NA | NA |
| <u>GeForce GT 730A</u> | 742 | 1316 | NA | NA |
| <u>Quadro K600</u> | 742 | 1315 | 12.33 | \$60.24* |
| <u>Radeon HD 7660G + 7670M Dual</u> | 743 | 1314 | NA | NA |
| <u>Radeon R5 235 + HD 7560D Dual</u> | 743 | 1313 | NA | NA |
| <u>Intel Iris 5100</u> | 745 | 1312 | NA | NA |
| <u>Quadro K420</u> | 745 | 1310 | 2.77 | \$269.00* |

| <u>Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C</u> | 750 | 1302 | NA | NA |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <u>Radeon HD 6650M</u> | 753 | 1299 | NA | NA |
| <u>Radeon HD 8570D + HD 7000 Dual</u> | 753 | 1300 | NA | NA |
| <u>Radeon HD 7640G + 7450M Dual</u> | 754 | 1298 | NA | NA |
| <u>Quadro 1100M</u> | 755 | 1297 | NA | NA |
| <u>Radeon HD 7660G + 7700M Dual</u> | 757 | 1296 | NA | NA |
| <u>Radeon HD 8650G + HD 8600M N HD 8600M Dual</u> | 757 | 1295 | NA | NA |
| <u>Radeon HD 7660G + HD 8500M Dual</u> | 758 | 1294 | NA | NA |
| <u>Radeon HD 7660G + HD 7500/7600 Dual</u> | 760 | 1293 | NA | NA |
| <u>Qualcomm Adreno 680 GPU</u> | 761 | 1292 | NA | NA |
| <u>Radeon HD 6450 + 8470D Dual</u> | 762 | 1290 | NA | NA |
| <u>Radeon HD 7730M</u> | 762 | 1291 | NA | NA |
| <u>Mobility Radeon HD 5850</u> | 763 | 1288 | NA | NA |
| <u>Radeon HD 8650G + HD 8600/8700M Dual</u> | 763 | 1287 | NA | NA |
| <u>Radeon HD 8730M</u> | 763 | 1289 | NA | NA |
| <u>Radeon R7 M270</u> | 766 | 1286 | NA | NA |
| <u>Radeon R7 PRO A10-8750B</u> | 767 | 1285 | NA | NA |
| <u>GeForce 9800 GTX</u> | 769 | 1284 | 10.26 | \$74.99* |
| <u>Radeon HD 4810</u> | 769 | 1283 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| <u>GeForce GT 440</u> | 770 | 1282 | 3.42 | \$225.00* |
| <u>Radeon R5 PRO A6-9500E 2C+4G</u> | 770 | 1281 | NA | NA |
| <u>GeForce 730A</u> | 771 | 1280 | NA | NA |
| <u>Mobility Radeon HD 5000</u> | 773 | 1278 | NA | NA |
| <u>Radeon HD 7600M + 7600M Dual</u> | 773 | 1276 | NA | NA |
| <u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u> | 773 | 1277 | NA | NA |

| | | | | |
|--|-----|------|-----------------------|---------------------------|
| <u>GeForce 825M</u> | 782 | 1267 | NA | NA |
| <u>Radeon Ryzen 3 3250U</u> | 785 | 1266 | NA | NA |
| <u>Radeon HD 8650G + 8750M Dual</u> | 786 | 1264 | NA | NA |
| <u>Radeon R7 A8-7600</u> | 786 | 1265 | NA | NA |
| <u>Radeon 535DX</u> | 788 | 1263 | NA | NA |
| <u>GeForce GT 740M</u> | 792 | 1262 | NA | NA |
| <u>GRID M10-0Q</u> | 795 | 1261 | NA | NA |
| <u>Radeon HD 8550G + 8750M Dual</u> | 795 | 1260 | NA | NA |
| <u>Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</u> | 796 | 1259 | NA | NA |
| <u>Radeon R8 M445DX</u> | 796 | 1258 | NA | NA |
| <u>GeForce 9800 GX2</u> | 797 | 1256 | 4.09 | \$195.00* |
| <u>Quadro FX 3800</u> | 797 | 1257 | 3.08 | \$259.13* |
| <u>Radeon HD 6800M</u> | 798 | 1254 | NA | NA |
| <u>Radeon R7 PRO A10-9700</u> | 798 | 1255 | NA | NA |
| <u>Radeon HD 8650G + HD 8790M Dual</u> | 799 | 1253 | NA | NA |
| <u>Radeon R5 M435</u> | 800 | 1252 | NA | NA |
| <u>Radeon HD 8550G + 8600/8700M Dual</u> | 802 | 1251 | NA | NA |
| <u>Radeon HD 5670</u> | 804 | 1250 | 12.01 | \$67.00* |
| <u>Radeon Vega 3 Ryzen 3 3250U</u> | 805 | 1249 | NA | NA |
| <u>Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G</u> | 809 | 1248 | NA | NA |
| <u>GeForce GT 445M</u> | 811 | 1247 | NA | NA |
| <u>Radeon HD 8670D + 7000 Dual</u> | 811 | 1246 | NA | NA |
| <u>Radeon HD 7670</u> | 813 | 1245 | NA | NA |
| <u>Radeon R9 M280X</u> | 813 | 1244 | NA | NA |
| <u>GeForce GT 730M</u> | 815 | 1243 | NA | NA |
| <u>Radeon R7 A10 Extreme Edition</u> | 816 | 1242 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|----------------------------------|
| <u>Radeon R7 A10 PRO-7800B</u> | 827 | 1233 | NA | NA |
| <u>Radeon R7 A8-9600 RADEON</u> | 828 | 1231 | NA | NA |
| <u>Radeon R7 PRO A10-8770E</u> | 828 | 1232 | NA | NA |
| <u>Radeon R7 FX-8800P</u> | 829 | 1230 | NA | NA |
| <u>Intel HD 5200</u> | 830 | 1229 | NA | NA |
| <u>Radeon HD 7660G + 7600M Dual</u> | 831 | 1228 | NA | NA |
| <u>Radeon HD 8650G + 8600/8700M Dual</u> | 831 | 1227 | NA | NA |
| <u>GeForce GT 635</u> | 832 | 1225 | <u>12.44</u> | <u>\$66.94*</u> |
| <u>Radeon HD 7520G + HD 7500/7600 Dual</u> | 832 | 1226 | NA | NA |
| <u>Radeon HD 7560D + 6570 Dual</u> | 833 | 1224 | NA | NA |
| <u>GeForce GT 730</u> | 834 | 1223 | <u>7.59</u> | <u>\$109.99*</u> |
| <u>Radeon HD 4830</u> | 835 | 1221 | <u>13.93</u> | <u>\$59.99*</u> |
| <u>Radeon HD 6650A</u> | 835 | 1222 | NA | NA |
| <u>Radeon HD 8670D + R5 235 Dual</u> | 836 | 1220 | NA | NA |
| <u>Radeon HD 8470D + 6570 Dual</u> | 837 | 1219 | NA | NA |
| <u>FireGL V8600</u> | 838 | 1218 | NA | NA |
| <u>GeForce 920A</u> | 846 | 1216 | NA | NA |
| <u>Radeon Vega 3 Ryzen 3 3200U</u> | 846 | 1217 | NA | NA |
| <u>Radeon R5 PRO A6-8570 2C+6G</u> | 847 | 1215 | NA | NA |
| <u>Radeon R7 A8-7670K</u> | 848 | 1214 | NA | NA |
| <u>Radeon R5 435</u> | 850 | 1213 | NA | NA |
| <u>Radeon HD 8500M/8700M</u> | 852 | 1212 | NA | NA |
| <u>FirePro 3D V4800</u> | 853 | 1209 | <u>5.33</u> | <u>\$159.99*</u> |
| <u>Radeon R5 A6-9500 2C+6G</u> | 853 | 1210 | NA | NA |
| <u>Radeon R7 A8-7500 4C+6G</u> | 853 | 1211 | NA | NA |
| <u>Radeon R7 A10-7890K</u> | 854 | 1208 | NA | NA |

| <u>Radeon R7 G</u> | 869 | 1198 | NA | NA |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <u>GRID M10-0B</u> | 870 | 1197 | NA | NA |
| <u>FirePro W2100</u> | 876 | 1195 | 14.86 | \$59.00* |
| <u>Radeon E6760</u> | 876 | 1196 | 3.65 | \$239.99* |
| <u>Radeon R7 PRO A12-9800</u> | 877 | 1194 | NA | NA |
| <u>Radeon HD 7660G + HD 7730M Dual</u> | 881 | 1193 | NA | NA |
| <u>Radeon R7 A10 PRO-7850B</u> | 882 | 1192 | NA | NA |
| <u>Radeon HD 8650G + 7670M Dual</u> | 883 | 1191 | NA | NA |
| <u>Radeon R7 + R5 435 Dual A10-9700 RADEON</u> | 885 | 1190 | NA | NA |
| <u>Radeon Vega 3</u> | 889 | 1189 | 0.33 | \$2,677.99* |
| <u>7900 MOD - Radeon HD 6550D</u> | 892 | 1187 | NA | NA |
| <u>Qualcomm Adreno 685 GPU</u> | 892 | 1188 | NA | NA |
| <u>Radeon R7 PRO A8-9600</u> | 893 | 1186 | NA | NA |
| <u>Intel Iris 6100</u> | 895 | 1185 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| <u>Intel UHD Graphics 617</u> | 897 | 1182 | NA | NA |
| <u>Radeon 620</u> | 897 | 1184 | NA | NA |
| <u>Radeon R7 + R5 Dual</u> | 897 | 1183 | NA | NA |
| <u>Radeon R7 PRO A10-8770</u> | 899 | 1181 | NA | NA |
| <u>Barco MXRT 2600</u> | 900 | 1180 | 4.52 | \$199.00* |
| <u>Barco MXRT 7400</u> | 900 | 1179 | 9.10 | \$99.00* |
| <u>Radeon HD 8550G + 7600M Dual</u> | 901 | 1178 | NA | NA |
| <u>Radeon R7 240</u> | 903 | 1177 | 8.21 | \$109.99* |
| <u>Radeon R7 PRO A12-8870</u> | 904 | 1176 | NA | NA |
| <u>Radeon R7 M440</u> | 905 | 1175 | NA | NA |
| <u>Radeon R7 A8-7500</u> | 907 | 1174 | NA | NA |

| | | | | |
|---|-----|------|-----------------------|---------------------------|
| <u>Radeon R5 430</u> | 918 | 1164 | 15.56 | \$59.00* |
| <u>Radeon R7 PRO A12-8870E</u> | 920 | 1163 | NA | NA |
| <u>Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</u> | 921 | 1162 | NA | NA |
| <u>Intel HD Graphics 620</u> | 925 | 1160 | NA | NA |
| <u>Intel Iris Pro 6100</u> | 925 | 1161 | NA | NA |
| <u>Radeon R7 A10-7860K</u> | 927 | 1159 | NA | NA |
| <u>GeForce GT 645M</u> | 929 | 1158 | NA | NA |
| <u>Radeon R7 240 + HD 8670D Dual</u> | 930 | 1157 | NA | NA |
| <u>Radeon R7 A10-9700 RADEON</u> | 930 | 1156 | NA | NA |
| <u>Radeon HD 7660G + 7730M Dual</u> | 931 | 1155 | NA | NA |
| <u>Radeon HD 4850</u> | 933 | 1154 | 2.47 | \$378.00* |
| <u>Radeon HD 7560D + HD 8570 Dual</u> | 935 | 1151 | NA | NA |
| <u>Radeon R5 340</u> | 935 | 1152 | NA | NA |
| <u>Radeon Vega 3 Athlon PRO 300GE w/</u> | 935 | 1153 | NA | NA |
| <u>Radeon HD 6750M</u> | 937 | 1150 | NA | NA |
| <u>Radeon HD 7660D + R7 240 Dual</u> | 941 | 1148 | NA | NA |
| <u>Radeon HD 8570</u> | 941 | 1149 | 9.54 | \$98.68* |
| <u>Radeon R7 M445</u> | 943 | 1147 | 1.27 | \$744.00* |
| <u>Radeon HD 6670/7670</u> | 945 | 1144 | NA | NA |
| <u>Radeon HD 7640G + 7690M Dual</u> | 945 | 1145 | NA | NA |
| <u>Radeon R7 PRO A10-8850B</u> | 945 | 1146 | NA | NA |
| <u>Quadro CX</u> | 947 | 1143 | 6.32 | \$149.95* |
| <u>Quadro 2000</u> | 948 | 1142 | 4.45 | \$213.23* |
| <u>Radeon HD 8570 + HD 7660D Dual</u> | 949 | 1141 | NA | NA |
| <u>Radeon HD 8670D + R7 200 Dual</u> | 949 | 1140 | NA | NA |
| <u>Radeon R6 Opteron X3418</u> | 955 | 1139 | NA | NA |

| | | | | |
|--|------|------|-----------------------|---------------------------|
| <u>Radeon R6 A10-9600P 4C+6G</u> | 970 | 1132 | NA | NA |
| <u>Radeon R7 PRO A10-9700E</u> | 970 | 1131 | 1.84 | \$529.00* |
| <u>Radeon HD 8850M</u> | 973 | 1130 | NA | NA |
| <u>Radeon R7 A10-7850K</u> | 973 | 1129 | NA | NA |
| <u>Quadro 2000D</u> | 974 | 1127 | 6.96 | \$140.00* |
| <u>Radeon HD 8670D + 8570 Dual</u> | 974 | 1128 | NA | NA |
| <u>Radeon R5 A10-9630P 4C+6G</u> | 977 | 1126 | NA | NA |
| <u>Radeon R9 M375</u> | 979 | 1125 | NA | NA |
| <u>Quadro FX 4800</u> | 981 | 1124 | 4.81 | \$204.00* |
| <u>Radeon HD 7560D + 7560D Dual</u> | 982 | 1123 | NA | NA |
| <u>Radeon HD 8690M</u> | 984 | 1122 | NA | NA |
| <u>Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G</u> | 984 | 1121 | NA | NA |
| <u>Radeon HD 7560D + 7570 Dual</u> | 985 | 1120 | NA | NA |
| <u>Radeon HD 8750M</u> | 986 | 1119 | NA | NA |
| <u>FirePro V4900</u> | 987 | 1118 | 6.59 | \$149.99* |
| <u>Radeon R7 M260X</u> | 990 | 1117 | NA | NA |
| <u>Quadro 3000M</u> | 991 | 1116 | 14.17 | \$69.99* |
| <u>Intel HD 530</u> | 993 | 1115 | NA | NA |
| <u>Radeon R7 A265</u> | 993 | 1114 | NA | NA |
| <u>Radeon HD 7640G + HD 8750M Dual</u> | 996 | 1112 | NA | NA |
| <u>Radeon Vega 3 Athlon 3000G</u> | 996 | 1113 | NA | NA |
| <u>Radeon HD 7660G + HD 7500M/7600M Dual</u> | 999 | 1111 | NA | NA |
| <u>Radeon HD 8570D + R7 200 Dual</u> | 999 | 1110 | NA | NA |
| <u>Radeon R7 340</u> | 1000 | 1109 | NA | NA |
| <u>Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</u> | 1002 | 1108 | NA | NA |
| <u>Glenfly Arise-GT-10C0</u> | 1007 | 1107 | NA | NA |
| <u>GeForce 830M</u> | 1008 | 1106 | NA | NA |
| <u>Radeon HD 7690M XT</u> | 1009 | 1105 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|---------------------------|
| FirePro W4170M | | | | NA |
| Radeon HD 8600/8700M | 1029 | 1095 | NA | NA |
| Radeon HD 8570D + HD 8570 Dual | 1032 | 1094 | NA | NA |
| Radeon Vega 3 Mobile | 1034 | 1093 | NA | NA |
| Radeon HD 8570D + 6670 Dual | 1039 | 1092 | NA | NA |
| Intel UHD Graphics 620 | 1043 | 1091 | NA | NA |
| Radeon Vega 3 Athlon 300GE | 1044 | 1090 | NA | NA |
| Radeon R7 + R7 240 Dual | 1045 | 1089 | NA | NA |
| Radeon HD 6750 | 1046 | 1088 | 13.08 | \$79.99* |
| Radeon R7 A12-9730P RADEON | 1047 | 1087 | NA | NA |
| GeForce GTX 850A | 1049 | 1086 | NA | NA |
| Radeon HD 7670A | 1050 | 1085 | NA | NA |
| OPAL XT/GL | 1053 | 1084 | NA | NA |
| Firepro M4100 | 1059 | 1083 | NA | NA |
| Radeon HD 7520G + 7700M Dual | 1060 | 1082 | NA | NA |
| Radeon HD 7660D + 7670 Dual | 1061 | 1081 | NA | NA |
| Radeon R7 250 | 1068 | 1080 | 5.62 | \$189.97* |
| Radeon HD 8450G + 8600/8700M Dual | 1070 | 1079 | NA | NA |
| Radeon 535 | 1071 | 1077 | NA | NA |
| Radeon R7 M460 | 1071 | 1078 | NA | NA |
| Radeon 625 | 1075 | 1075 | NA | NA |
| Radeon R7 A12-9800 RADEON | 1075 | 1076 | NA | NA |
| Mobility Radeon HD 5870 | 1076 | 1074 | NA | NA |
| Radeon R7 + R7 200 Dual | 1077 | 1073 | NA | NA |
| Intel UHD Graphics 710 | 1078 | 1072 | NA | NA |
| Barco MXRT 5450 | 1079 | 1071 | 5.40 | \$199.99* |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Radeon R7 M465 | | | | NA |
| Radeon R5 PRO A6-9500 2C+6G | 1096 | 1061 | NA | NA |
| GeForce GT 545 | 1099 | 1060 | 19.78 | \$55.59* |
| Quadro 2100M | 1100 | 1059 | NA | NA |
| Radeon HD 7660D + 6570 Dual | 1100 | 1058 | NA | NA |
| Radeon R7 430 | 1102 | 1057 | 7.32 | \$150.58* |
| Radeon 610M | 1105 | 1056 | NA | NA |
| GeForce 940A | 1106 | 1055 | NA | NA |
| Intel HD 630 | 1109 | 1054 | NA | NA |
| Radeon R7 A10-7870K | 1113 | 1053 | NA | NA |
| Radeon R9 M275 | 1114 | 1052 | 1.59 | \$699.99* |
| FirePro M4170 | 1119 | 1051 | NA | NA |
| Radeon HD 7660D + 7500 Dual | 1121 | 1049 | NA | NA |
| RadeonT 610M | 1121 | 1050 | NA | NA |
| GeForce 940M | 1122 | 1048 | NA | NA |
| Radeon HD 8650G + 7700M Dual | 1126 | 1047 | NA | NA |
| Radeon HD 7560D + 6670 Dual | 1130 | 1046 | NA | NA |
| Radeon HD 4850 X2 | 1132 | 1045 | NA | NA |
| GeForce 830A | 1138 | 1044 | NA | NA |
| Radeon R9 M265X | 1138 | 1043 | NA | NA |
| Radeon HD 8850M / R9 M265X | 1139 | 1042 | NA | NA |
| Firepro W4190M | 1148 | 1041 | NA | NA |
| Intel HD P530 | 1154 | 1040 | NA | NA |
| Intel Coffee Lake UHD | 1158 | 1039 | NA | NA |
| Barco MXRT 5400 | 1161 | 1038 | 5.72 | \$203.00* |
| Radeon HD 5750 | 1162 | 1037 | 16.60 | \$69.99* |

| Model | 1180 | 1026 | 1027 | Model List |
|--|------|------|-----------------------|---------------------------|
| GeForce GPU | | | | NA |
| Radeon R7 +8G | 1190 | 1027 | NA | NA |
| Radeon HD 7750M | 1191 | 1026 | NA | NA |
| Intel Iris Pro 5200 | 1192 | 1025 | NA | NA |
| Radeon Vega 8 Ryzen 5 3450U | 1200 | 1024 | NA | NA |
| Intel HD P630 | 1203 | 1023 | NA | NA |
| GeForce GT 650M | 1204 | 1019 | NA | NA |
| N16P-GX | 1204 | 1020 | NA | NA |
| Radeon HD 7660D + 7540D Dual | 1204 | 1021 | NA | NA |
| Radeon R9 M270X | 1204 | 1022 | NA | NA |
| Radeon HD 7730 | 1205 | 1018 | 5.18 | \$232.70* |
| FirePro 3D V8700 | 1206 | 1016 | 7.09 | \$170.07* |
| GeForce GTX 295 | 1206 | 1017 | 7.54 | \$159.99* |
| Radeon HD 8790M / R9 M290X | 1210 | 1015 | NA | NA |
| Radeon HD 8670D + HD 6670 Dual | 1221 | 1014 | NA | NA |
| GeForce GTX 260 | 1223 | 1012 | 15.29 | \$79.99* |
| Quadro FX 5800 | 1223 | 1013 | 4.46 | \$274.00* |
| GeForce GTX 760A | 1226 | 1011 | NA | NA |
| GeForce GT 745A | 1228 | 1010 | NA | NA |
| FirePro 3D V5800 | 1231 | 1009 | 6.04 | \$204.00* |
| Radeon R7 + R7 250 Dual | 1232 | 1008 | NA | NA |
| Radeon R7 + R5 340 Dual | 1234 | 1007 | NA | NA |
| Radeon HD 7560D + HD 6570 Dual | 1237 | 1006 | NA | NA |
| Radeon HD 7660D + 6670 Dual | 1238 | 1005 | NA | NA |
| Quadro 2000 D | 1239 | 1003 | NA | NA |
| Radeon HD 8570D + 6570 Dual | 1239 | 1004 | NA | NA |
| Intel UHD Graphics 630 | 1242 | 1002 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| Radeon 630 | | | | NA |
| FirePro 3D V8750 | 1271 | 992 | 1.03 | \$1,230.99* |
| Radeon R7 A370 | 1281 | 991 | NA | NA |
| GeForce 930MX | 1290 | 990 | NA | NA |
| GeForce GTX 280 | 1299 | 989 | 2.49 | \$522.78* |
| TENSOR 1.0 Driver Intel HD 630 | 1299 | 988 | NA | NA |
| Radeon HD 8790M | 1305 | 987 | NA | NA |
| Tesla M2070-Q | 1305 | 986 | NA | NA |
| Radeon HD 4870 X2 | 1309 | 985 | NA | NA |
| Radeon R7 PRO A8-8670E | 1309 | 984 | NA | NA |
| Radeon Vega 6 | 1311 | 983 | 0.73 | \$1,799.99* |
| Radeon Vega 6 Ryzen 3 3300U | 1312 | 982 | NA | NA |
| FirePro M5950 | 1314 | 981 | NA | NA |
| Radeon HD 8670D + HD 7600 Dual | 1317 | 980 | NA | NA |
| GeForce GTS 450 | 1319 | 979 | 16.49 | \$79.99* |
| GeForce GT 750M | 1327 | 978 | NA | NA |
| Quadro 4000M | 1328 | 977 | 5.72 | \$232.06* |
| FireStream 9270 | 1341 | 976 | NA | NA |
| Radeon HD 5770 | 1343 | 975 | 7.07 | \$189.99* |
| Intel Iris Plus 640 | 1344 | 974 | NA | NA |
| Radeon HD 7560D + HD 7700 Dual | 1346 | 973 | NA | NA |
| Ryzen 3 4300U with Radeon Graphics | 1352 | 972 | NA | NA |
| Quadro K2100M | 1355 | 971 | 3.26 | \$415.99* |
| Radeon HD 8670D + 6670 Dual | 1361 | 970 | NA | NA |
| FirePro M40003 | 1364 | 969 | NA | NA |
| Radeon HD 4870 | 1370 | 968 | 17.13 | \$79.99* |

| Radeon Pro WX 4170 | 1416 | 958 | 3.28 | \$431.72* |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| GeForce GTX 275 | 1416 | 958 | 3.28 | \$431.72* |
| Radeon R7 M370 | 1417 | 957 | NA | NA |
| Radeon Vega 8 Mobile | 1418 | 956 | NA | NA |
| Radeon HD 7560D + 7670 Dual | 1426 | 955 | NA | NA |
| Radeon 540X | 1429 | 954 | NA | NA |
| Radeon 550X | 1429 | 953 | NA | NA |
| Intel Iris 550 | 1431 | 951 | NA | NA |
| Radeon Ryzen 3 PRO 4355GE | 1431 | 952 | NA | NA |
| Ryzen 3 PRO 5475U with Radeon Graphics | 1431 | 950 | NA | NA |
| Intel Iris 650 | 1432 | 949 | NA | NA |
| Radeon Ryzen 7 3700U | 1433 | 948 | NA | NA |
| GeForce GTX 660M | 1435 | 947 | 18.17 | \$78.99* |
| Radeon HD 8470D + HD 6670 Dual | 1435 | 946 | NA | NA |
| GeForce MX110 | 1440 | 945 | NA | NA |
| Radeon Eng Sample: 100-00000085-40_35/24_Y | 1440 | 944 | NA | NA |
| Ryzen 5 PRO 4400GE with Radeon Graphics | 1441 | 943 | NA | NA |
| Radeon R9 255 | 1456 | 942 | 4.23 | \$344.16* |
| Intel Iris Pro Graphics 6200 | 1465 | 941 | NA | NA |
| Radeon R7 FX-9830P RADEON | 1470 | 940 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Intel UHD Graphics | 1477 | 939 | NA | NA |
| Quadro 4000 | 1479 | 938 | 1.47 | \$1,008.09* |
| Radeon R9 M365X | 1481 | 937 | NA | NA |
| Radeon Ryzen Embedded R2514 | 1482 | 936 | NA | NA |
| Radeon HD 7660D + HD 6670 Dual | 1484 | 935 | NA | NA |
| Radeon 610M Ryzen 9 7945HX | 1486 | 934 | NA | NA |

| Video Card Model | PassMark Score | GPU Model | Price | Price |
|---|----------------|-----------|-----------------------|---------------------------|
| Radeon HD 7870M | | | | NA |
| Radeon Vega 9 Ryzen 5 Microsoft Surface Edition | 1512 | 924 | NA | NA |
| GeForce 940MX | 1515 | 922 | NA | NA |
| GeForce GTX 285 | 1515 | 923 | 12.63 | \$119.99* |
| Radeon RX Vega 10 Ryzen 7 3700U | 1519 | 921 | NA | NA |
| GeForce 845M | 1524 | 920 | NA | NA |
| Radeon Ryzen Embedded V2516 | 1527 | 919 | NA | NA |
| Ryzen 3 5300U with Radeon Graphics | 1527 | 918 | NA | NA |
| Radeon Ryzen 3 5425U | 1528 | 917 | NA | NA |
| FirePro W4100 | 1533 | 916 | 8.33 | \$184.00* |
| Ryzen 3 PRO 4450U with Radeon Graphics | 1534 | 915 | NA | NA |
| Radeon R9 M275X | 1537 | 914 | NA | NA |
| FirePro V8700 | 1538 | 913 | 9.75 | \$157.88* |
| Ryzen 3 PRO 4300U with Radeon Graphics | 1542 | 912 | NA | NA |
| Radeon R9 M370X | 1543 | 911 | 1.74 | \$889.00* |
| Radeon HD 8470D + HD 7500 Dual | 1545 | 910 | NA | NA |
| Radeon RX Vega 10 Ryzen 7 PRO 3700U w/ | 1546 | 908 | NA | NA |
| Radeon Vega 6 Ryzen 3 3350U | 1546 | 909 | NA | NA |
| GeForce GTX 550 Ti | 1552 | 907 | 15.52 | \$99.99* |
| Radeon HD 7560D + HD 6670 Dual | 1554 | 906 | NA | NA |
| Radeon Ryzen 3 5300U | 1560 | 905 | NA | NA |
| Radeon Vega 9 Ryzen 5 3550H | 1561 | 904 | NA | NA |
| Radeon Vega 10 | 1565 | 903 | NA | NA |
| GeForce GTX 555 | 1571 | 902 | NA | NA |
| Radeon Athlon Gold PRO 4150GE | 1573 | 901 | NA | NA |
| Radeon R9 M275X / M375 | 1574 | 900 | NA | NA |
| Ryzen 3 5400U with Radeon Graphics | 1576 | 899 | NA | NA |

| Video Card Name | Passmark G3D Mark PassMark Software - Video Card (GPU) (higher is better) | Rank Benchmark Charts - Video Card Model List (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---|---------------------------------------|---------------------------|
| Ryzen 3 PRO 5450U with Radeon Graphics | 1601 | 890 | NA | NA |
| Seria Radeon HD 7700 | 1603 | 889 | NA | NA |
| FirePro M4000 | 1604 | 888 | 22.02 | \$72.83* |
| Radeon Ryzen 9 7950X3D 16-Core | 1604 | 887 | NA | NA |
| Radeon RX Vega11 | 1605 | 886 | NA | NA |
| Radeon EPYC 4364P 8-Core | 1610 | 885 | NA | NA |
| Intel UHD Graphics 730 | 1613 | 884 | NA | NA |
| Radeon EPYC 4464P 12-Core | 1613 | 883 | NA | NA |
| Radeon Ryzen 5 PRO 7645 6-Core | 1615 | 882 | NA | NA |
| Radeon HD 6790 | 1616 | 881 | 5.50 | \$294.00* |
| GeForce GTX 480M | 1617 | 880 | NA | NA |
| Ryzen 7 2700U with Radeon Vega | 1617 | 879 | NA | NA |
| Radeon EPYC 4564P 16-Core | 1618 | 878 | NA | NA |
| Radeon EPYC 4484PX 12-Core | 1619 | 877 | NA | NA |
| Radeon EPYC 4244P 6-Core | 1623 | 876 | NA | NA |
| Quadro P500 | 1624 | 875 | NA | NA |
| Intel Iris Pro P6300 | 1625 | 874 | NA | NA |
| FirePro M4000 Mobility Pro | 1628 | 873 | NA | NA |
| Radeon EPYC 4344P 8-Core | 1634 | 872 | NA | NA |
| Quadro K3000M | 1637 | 871 | 4.02 | \$407.56* |
| Radeon HD 8870M | 1638 | 870 | NA | NA |
| Radeon RX Vega 10 | 1639 | 869 | NA | NA |
| Quadro P400 | 1641 | 868 | 8.16 | \$201.17* |
| PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen | 1642 | 867 | NA | NA |
| Radeon Vega 10 Ryzen 7 PRO 3700U w/ | 1649 | 866 | NA | NA |
| Ryzen 3 7330U with Radeon Graphics | 1649 | 865 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|---------------------------|
| Radeon R7 M465X | 1676 | 857 | NA | NA |
| Radeon Ryzen 7 7700 8-Core | 1683 | 856 | NA | NA |
| Radeon E8860 | 1686 | 855 | NA | NA |
| GeForce GT 755M | 1688 | 854 | NA | NA |
| Intel UHD Graphics P750 | 1688 | 853 | NA | NA |
| Radeon Vega 8 Ryzen 5 3550H | 1694 | 852 | NA | NA |
| Radeon HD 6900M | 1702 | 851 | NA | NA |
| Radeon HD 7750 | 1703 | 850 | 16.07 | \$106.00 |
| FirePro M6000 Mobility Pro | 1712 | 849 | NA | NA |
| Radeon Ryzen 7 7800X3D 8-Core | 1713 | 848 | NA | NA |
| Radeon Ryzen 9 7900X3D 12-Core | 1716 | 847 | NA | NA |
| GeForce GTX 760M | 1717 | 846 | NA | NA |
| Ryzen 5 PRO 5675U with Radeon Graphics | 1719 | 845 | NA | NA |
| Intel Iris Plus 645 | 1727 | 844 | NA | NA |
| Radeon R9 M375X | 1727 | 843 | NA | NA |
| Radeon Ryzen 9 PRO 7945 12-Core | 1731 | 842 | NA | NA |
| Intel UHD Graphics 750 | 1734 | 841 | NA | NA |
| Radeon HD 5830 | 1734 | 840 | 6.70 | \$258.99* |
| GeForce GTX 670M | 1736 | 838 | NA | NA |
| Intel Iris Plus 655 | 1736 | 839 | NA | NA |
| Ryzen 5 PRO 4650U with Radeon Graphics | 1737 | 837 | NA | NA |
| Radeon Ryzen 5 7600X 6-Core | 1743 | 836 | NA | NA |
| Ryzen 3 PRO 4200GE with Radeon Graphics | 1748 | 835 | NA | NA |
| GeForce GTX 650 | 1749 | 834 | 15.91 | \$109.98* |
| Firepro W5170M | 1761 | 833 | NA | NA |
| Quadro 5010M | 1771 | 832 | 7.51 | \$235.95* |
| Radeon Ryzen 3 PRO 5450U | 1776 | 831 | NA | NA |

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|---|------|-----|-----------------------|---------------------------|
| Radeon RX Vega 11 Processor | 1822 | 821 | NA | NA |
| Radeon RX Vega 10 Ryzen 7 3750H | 1825 | 820 | NA | NA |
| MxGPU | 1826 | 819 | NA | NA |
| Radeon Pro WX 2100 | 1827 | 818 | NA | NA |
| Radeon HD 8570D + HD 7700 Dual | 1834 | 817 | NA | NA |
| Radeon R9 M360 | 1837 | 816 | NA | NA |
| GeForce MX230 | 1838 | 814 | NA | NA |
| GRID M60-0B | 1838 | 815 | NA | NA |
| FirePro M5100 FireGL V | 1839 | 813 | NA | NA |
| Radeon Ryzen Embedded V2748 | 1842 | 812 | NA | NA |
| Radeon Vega 11 | 1842 | 811 | NA | NA |
| GeForce MX130 | 1849 | 810 | NA | NA |
| GeForce 945A | 1852 | 809 | NA | NA |
| Radeon RX 540 | 1856 | 808 | NA | NA |
| Radeon Eng_Sample: 100-000000287-40_Y | 1861 | 806 | NA | NA |
| Radeon Vega 8 Ryzen 3 PRO 3200G | 1861 | 807 | NA | NA |
| Radeon Ryzen 5 7600 6-Core | 1862 | 805 | NA | NA |
| GeForce GTX 570M | 1863 | 803 | NA | NA |
| Qualcomm Adreno 8cx Gen 3 GPU | 1863 | 804 | NA | NA |
| Radeon Ryzen Embedded R2544 | 1864 | 802 | NA | NA |
| FirePro 3D V7800 | 1867 | 801 | 3.11 | \$599.99* |
| GeForce GTX 460 v2 | 1871 | 800 | 9.36 | \$199.99* |
| GeForce GTX 645 | 1871 | 799 | NA | NA |
| Intel UHD Graphics 770 | 1877 | 798 | NA | NA |
| Radeon 550 | 1885 | 797 | 20.95 | \$89.99 |
| Quadro M520 | 1886 | 796 | NA | NA |

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|--|------|-----|-----------------------|----------------------------|
| <u>Radeon HD 7560D + 7700 Dual</u> | 1919 | 787 | NA | NA |
| <u>Radeon Vega 11 Ryzen 5 PRO 3400GE w/</u> | 1922 | 786 | NA | NA |
| <u>Radeon RX 570X</u> | 1923 | 785 | 12.57 | \$153.01* |
| <u>Intel Iris Xe MAX 100</u> | 1927 | 784 | NA | NA |
| <u>GeForce GTX 675M</u> | 1929 | 783 | NA | NA |
| <u>Quadro 5000</u> | 1933 | 782 | 0.91 | \$2,136.20 |
| <u>Radeon Vega 8 Ryzen 3 3200G</u> | 1936 | 781 | NA | NA |
| <u>Radeon R7 450</u> | 1938 | 779 | 6.48 | \$299.00* |
| <u>Ryzen 3 PRO 5350GE with Radeon Graphics</u> | 1938 | 780 | NA | NA |
| <u>GeForce GTX 670MX</u> | 1947 | 778 | NA | NA |
| <u>GeForce GTX 470M</u> | 1953 | 777 | NA | NA |
| <u>Radeon Ryzen 3 PRO 7335U</u> | 1954 | 776 | NA | NA |
| <u>Qualcomm Adreno 8cx Gen 3</u> | 1957 | 775 | NA | NA |
| <u>Radeon HD 7660D + HD 7700 Dual</u> | 1958 | 774 | NA | NA |
| <u>Quadro K4000M</u> | 1960 | 773 | 7.72 | \$254.00* |
| <u>Radeon RX 640</u> | 1961 | 771 | NA | NA |
| <u>Radeon Vega 11 Ryzen 5 PRO 3400G</u> | 1961 | 772 | NA | NA |
| <u>Radeon R7 + HD 7700 Dual</u> | 1962 | 770 | NA | NA |
| <u>Radeon Pro WX 4130</u> | 1966 | 769 | NA | NA |
| <u>Intel Iris Xe MAX</u> | 1971 | 768 | NA | NA |
| <u>Radeon HD 6850</u> | 1971 | 767 | 23.20 | \$85.00* |
| <u>Radeon HD 5850</u> | 1980 | 766 | 6.85 | \$288.99* |
| <u>Radeon Ryzen 7 PRO 5875U</u> | 1981 | 765 | NA | NA |
| <u>Radeon R7 + R7 350 Dual</u> | 1982 | 764 | NA | NA |
| <u>Intel Iris Pro 580</u> | 1983 | 763 | NA | NA |
| <u>Ryzen 3 PRO 7330U with Radeon Graphics</u> | 1984 | 762 | NA | NA |

| GeForce GTX 460 SE | 2010 | 751 | 12.57 | \$159.99* |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| Radeon Pro W5500M | 2010 | 752 | NA | NA |
| Ryzen 3 5300GE with Radeon Graphics | 2012 | 750 | NA | NA |
| Ryzen 3 5300G with Radeon Graphics | 2017 | 749 | NA | NA |
| Radeon R9 350 | 2018 | 748 | 6.75 | \$299.00* |
| Radeon Ryzen 5 5560U | 2024 | 747 | NA | NA |
| FirePro V7800 | 2028 | 746 | 10.68 | \$190.00* |
| Ryzen 7 PRO 4750U with Radeon Graphics | 2029 | 745 | NA | NA |
| Ryzen 7 4700U with Radeon Graphics | 2034 | 744 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Ryzen 5 PRO 5650U with Radeon Graphics | 2041 | 743 | NA | NA |
| Radeon Ryzen 3 PRO 7330U | 2043 | 742 | NA | NA |
| Radeon Ryzen 7 4700U | 2046 | 741 | NA | NA |
| Radeon Ryzen 7 PRO 4750U | 2055 | 740 | NA | NA |
| Quadro 5000M | 2059 | 739 | NA | NA |
| Radeon R9 M385 | 2060 | 738 | NA | NA |
| Ryzen 7 PRO 5875U with Radeon Graphics | 2067 | 737 | NA | NA |
| Radeon RX Vega 11 Ryzen 5 3400GE | 2068 | 736 | NA | NA |
| Ryzen 3 4300G with Radeon Graphics | 2068 | 735 | NA | NA |
| GRID M6-1Q | 2069 | 734 | NA | NA |
| Ryzen 5 5560U with Radeon Graphics | 2073 | 733 | NA | NA |
| GeForce GTX 580M | 2074 | 732 | 8.34 | \$248.68* |
| Radeon Ryzen 5 7430U | 2093 | 731 | NA | NA |
| Radeon Ryzen 5 5500U | 2094 | 729 | NA | NA |
| Ryzen 5 PRO 4650GE with Radeon Graphics | 2094 | 730 | NA | NA |
| Quadro P520 | 2095 | 728 | 1.40 | \$1,499.00* |

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|--|---|-----------------------------------|---|-----------------------------|
| FirePro M6100 | 2122 | 718 | NA | NA |
| Ryzen 3 Pro 4350G with Radeon Graphics | 2136 | 717 | NA | NA |
| GeForce GTX 745 | 2140 | 716 | 7.51 | \$284.95* |
| GRID P4-1B | 2151 | 715 | NA | NA |
| Radeon Ryzen 5 5625U | 2155 | 714 | NA | NA |
| Intel UHD Graphics P630 | 2157 | 713 | NA | NA |
| Radeon Ryzen 3 7335U | 2159 | 712 | NA | NA |
| Radeon HD 7770 | 2169 | 711 | 7.23 | \$300.00* |
| Radeon RX Vega 11 Ryzen 5 3400G | 2173 | 710 | NA | NA |
| Quadro M600M | 2177 | 709 | 8.64 | \$251.99* |
| Ryzen 5 5600U with Radeon Graphics | 2178 | 708 | NA | NA |
| Ryzen 7 4700G with Radeon Graphics | 2186 | 707 | NA | NA |
| Radeon Ryzen 7 7700X 8-Core | 2193 | 706 | NA | NA |
| Ryzen 5 4600H with Radeon Graphics | 2204 | 705 | NA | NA |
| Radeon HD 5870 | 2213 | 704 | 7.50 | \$295.00* |
| Radeon HD 6870 | 2219 | 703 | 8.07 | \$275.00* |
| Radeon Ryzen 5 7530U | 2220 | 702 | NA | NA |
| GRID P100-1B | 2223 | 701 | NA | NA |
| Ryzen 7 Extreme Edition | 2226 | 700 | NA | NA |
| Intel Iris Pro P580 | 2231 | 699 | NA | NA |
| Quadro K620 | 2231 | 698 | 1.10 | \$2,029.99* |
| Ryzen 7 5700U with Radeon Graphics | 2246 | 697 | NA | NA |
| GeForce GTX 460 | 2262 | 696 | 25.14 | \$89.99* |
| Intel HD 5600 | 2263 | 695 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Quadro K3100M | 2265 | 694 | 5.66 | \$399.95* |

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|--|------|-----|-----------------------|---------------------------|
| Radeon HD 5970 | | | | |
| Radeon Ryzen 7 Microsoft Surface Edition | 2290 | 684 | NA | NA |
| Radeon Ryzen 5 PRO 5650G | 2302 | 683 | NA | NA |
| FirePro V7900 | 2304 | 682 | 12.13 | \$190.00* |
| Ryzen 5 PRO 4400G with Radeon Graphics | 2305 | 681 | NA | NA |
| Radeon Ryzen 7 5700U | 2308 | 680 | NA | NA |
| GRID M10-1B | 2309 | 679 | NA | NA |
| Radeon RX Vega - Renoir Ryzen 3 5300U | 2312 | 678 | NA | NA |
| Radeon Ryzen 5 PRO 5650GE | 2313 | 677 | NA | NA |
| Radeon Ryzen 7 4800U | 2313 | 676 | NA | NA |
| Radeon Ryzen 7 PRO 4750GE | 2325 | 675 | NA | NA |
| Radeon R9 M470 | 2330 | 673 | NA | NA |
| Ryzen 3 PRO 5350G with Radeon Graphics | 2330 | 674 | NA | NA |
| Radeon RX Vega Ryzen 3 5300U | 2334 | 672 | NA | NA |
| Radeon Ryzen 7 PRO 7730U | 2336 | 671 | NA | NA |
| Ryzen 5 5600H with Radeon Graphics | 2336 | 670 | NA | NA |
| P106-090 | 2342 | 668 | NA | NA |
| Ryzen 7 5825U with Radeon Graphics | 2342 | 669 | NA | NA |
| Ryzen 7 4800U with Radeon Graphics | 2343 | 667 | NA | NA |
| FirePro W6150M | 2358 | 666 | NA | NA |
| GeForce GTX 485M | 2359 | 665 | NA | NA |
| Radeon Ryzen 5 PRO 4655GE | 2361 | 664 | NA | NA |
| Ryzen 7 5800U with Radeon Graphics | 2361 | 663 | NA | NA |
| Radeon Vega 11 Ryzen 5 PRO 3350G | 2362 | 662 | NA | NA |
| GRID M10-2B | 2363 | 661 | NA | NA |
| Citrix Indirect Display Adapter | 2365 | 660 | NA | NA |
| Radeon Ryzen 5 PRO 4655G | 2375 | 658 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <u>Radeon Ryzen 5 5600H</u> | | | | NA |
| <u>Radeon Eng Sample: 100-000000262-30_Y</u> | 2415 | 649 | NA | NA |
| <u>GeForce MX250</u> | 2422 | 648 | NA | NA |
| <u>Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP</u> | 2426 | 647 | NA | NA |
| <u>Radeon Pro WX 3200</u> | 2433 | 646 | 15.37 | \$158.35* |
| <u>Ryzen 5 PRO 5650GE with Radeon Graphics</u> | 2435 | 645 | NA | NA |
| <u>FirePro 3D V8800</u> | 2437 | 644 | 5.74 | \$424.99* |
| <u>GeForce MX330</u> | 2443 | 643 | NA | NA |
| <u>Ryzen 7 PRO 5750G with Radeon Graphics</u> | 2455 | 642 | NA | NA |
| <u>Barco MXRT 5600</u> | 2465 | 640 | 3.50 | \$704.00* |
| <u>Radeon Ryzen 7 7730U</u> | 2465 | 641 | NA | NA |
| <u>GeForce GT 1030</u> | 2466 | 639 | 23.49 | \$104.99 |
| <u>Ryzen 7 7730U with Radeon Graphics</u> | 2470 | 638 | NA | NA |
| <u>Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP</u> | 2474 | 637 | NA | NA |
| <u>Ryzen 7 4700GE with Radeon Graphics</u> | 2496 | 636 | NA | NA |
| <u>Ryzen 5 PRO 5650G with Radeon Graphics</u> | 2500 | 635 | NA | NA |
| <u>Radeon Ryzen 7 5800HS</u> | 2507 | 634 | NA | NA |
| <u>GeForce GTX 850M</u> | 2514 | 633 | NA | NA |
| <u>Ryzen 7 PRO 5750GE with Radeon Graphics</u> | 2514 | 632 | NA | NA |
| <u>GeForce GTX 650 Ti</u> | 2522 | 631 | 27.11 | \$93.05* |
| <u>N18E-Q1</u> | 2525 | 630 | NA | NA |
| <u>FireStream 9370</u> | 2528 | 629 | NA | NA |
| <u>Radeon Ryzen 5 5600GE</u> | 2530 | 628 | NA | NA |
| <u>Radeon HD 6850 X2</u> | 2534 | 627 | NA | NA |
| <u>GRID K240Q</u> | 2541 | 626 | NA | NA |
| <u>Radeon Pro WX 3100</u> | 2547 | 625 | NA | NA |

| Snapdragon X Elite - X1E80100 - Qualcomm Adreno GPU | 2593 | 616 | NA | NA |
|---|--------------------------------------|------------------------|------------------------------------|-----------------------------|
| Radeon Ryzen 7 PRO 4750G | 2597 | 615 | NA | NA |
| Radeon Ryzen 7 4700G | 2598 | 614 | NA | NA |
| GRID T4-2B | 2601 | 613 | NA | NA |
| Ryzen 5 5600GE with Radeon Graphics | 2601 | 612 | NA | NA |
| Radeon Ryzen 7 4700GE | 2610 | 611 | NA | NA |
| Radeon Ryzen 9 7900X 12-Core | 2610 | 610 | NA | NA |
| Radeon HD 6950 | 2615 | 609 | 18.68 | \$139.99* |
| A40-24Q | 2616 | 608 | NA | NA |
| MONSTER GeForce GTX 675M | 2637 | 607 | NA | NA |
| FirePro R5000 | 2646 | 606 | 24.06 | \$109.99* |
| GeForce GTX 675MX | 2658 | 605 | NA | NA |
| GeForce GTX 465 | 2662 | 604 | 13.66 | \$195.00* |
| Radeon Eng Sample: 100-000000300-40_Y | 2670 | 603 | NA | NA |
| Ryzen 7 Pro 4750G with Radeon Graphics | 2681 | 602 | NA | NA |
| Intel Iris Xe | 2682 | 601 | NA | NA |
| GRID M10-2Q | 2691 | 600 | NA | NA |
| Barco MXRT 5500 | 2701 | 599 | 9.04 | \$299.00* |
| Ryzen 7 5700GE with Radeon Graphics | 2702 | 598 | NA | NA |
| Quadro 6000 | 2709 | 597 | 0.66 | \$4,092.38* |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Quadro K4000 | 2722 | 595 | 10.09 | \$270.00* |
| Radeon Pro 450 | 2722 | 596 | NA | NA |
| Radeon RX 550 | 2723 | 594 | 12.53 | \$217.34 |
| FirePro S7150 | 2726 | 592 | 1.61 | \$1,697.99* |
| FirePro V9800 | 2726 | 593 | 5.75 | \$474.00* |
| Radeon HD 8950 | 2732 | 589 | NA | NA |

| Video Card Model | GPU Benchmark Score | GPU Benchmark Score | GPU Benchmark Score | Price |
|---|---------------------|---------------------|-----------------------|-----------------------------|
| Radeon R9 M380 | | | | NA |
| Ryzen 7 5700G with Radeon Graphics | 2795 | 581 | NA | NA |
| Quadro M620 | 2798 | 580 | NA | NA |
| GeForce MX350 | 2808 | 579 | NA | NA |
| FirePro 3D V9800 | 2811 | 578 | 1.13 | \$2,499.00* |
| GeForce GTX 770M | 2813 | 577 | 20.39 | \$138.00* |
| FirePro W4300 | 2818 | 576 | 11.74 | \$239.99* |
| Radeon Ryzen 7 5800H | 2822 | 575 | NA | NA |
| Radeon HD 6970 | 2836 | 574 | 18.91 | \$149.99* |
| GRID K280Q | 2839 | 573 | NA | NA |
| Tesla C2070 | 2839 | 572 | 4.70 | \$604.00* |
| Custom GPU 0405 | 2846 | 571 | NA | NA |
| Radeon Pro V340 MxGPU | 2853 | 570 | NA | NA |
| Eng Sample: 100-000000261-50_Y | 2859 | 569 | NA | NA |
| FirePro M6100 FireGL V | 2866 | 568 | NA | NA |
| Quadro M1000M | 2868 | 567 | 33.36 | \$85.99* |
| Radeon R7 260 | 2891 | 565 | 32.13 | \$89.99* |
| Ryzen 9 5900HX with Radeon Graphics | 2891 | 566 | NA | NA |
| Ryzen 7 5800HS with Radeon Graphics | 2917 | 564 | NA | NA |
| Tesla K20Xm | 2917 | 563 | 0.38 | \$7,699.00* |
| Quadro K1200 | 2929 | 562 | 10.27 | \$285.29* |
| GRID K260Q | 2949 | 561 | NA | NA |
| Radeon Ryzen 9 5900H | 2960 | 560 | NA | NA |
| GRID M10-4Q | 2976 | 559 | NA | NA |
| FirePro W5000 | 2977 | 558 | 16.18 | \$184.00* |
| FirePro W5100 | 2989 | 557 | 23.72 | \$125.99* |
| Radeon HD 6990 | 3013 | 556 | 6.04 | \$498.49* |

| Video Card Name | Passmark G3D Mark PassMark Software - Video Card (GPU) (higher is better) | Rank Benchmark Charts - Video Card Model List (lower is better) | Video Card Value (higher is better) | Price (USD) |
|--|---|---|--|-----------------------------|
| GeForce GTX 470 | 3106 | 547 | 51.79 | \$59.99* |
| Radeon Pro 455 | 3112 | 546 | 6.93 | \$449.00* |
| Intel Graphics | 3115 | 545 | NA | NA |
| Radeon Pro 555 | 3140 | 544 | 2.99 | \$1,049.00* |
| FirePro V7000 | 3161 | 542 | NA | NA |
| FirePro W7170M | 3161 | 543 | NA | NA |
| Tesla M10 | 3171 | 541 | 1.18 | \$2,695.00* |
| Tesla C2050 | 3175 | 540 | 11.76 | \$269.99* |
| Radeon R9 260 | 3181 | 539 | NA | NA |
| Radeon R7 260X | 3186 | 538 | 22.76 | \$139.99* |
| Radeon RX 560X | 3196 | 537 | NA | NA |
| GRID P4-8A | 3206 | 536 | NA | NA |
| GeForce GTX 680M | 3215 | 535 | 23.65 | \$135.99* |
| Quadro M1200 | 3228 | 534 | NA | NA |
| Ryzen 5 6600U with Radeon Graphics | 3233 | 533 | NA | NA |
| Radeon R9 M470X | 3244 | 532 | NA | NA |
| GeForce 770M | 3245 | 531 | 18.34 | \$176.99* |
| GRID T4-4Q | 3260 | 530 | NA | NA |
| Radeon R9 M290X | 3262 | 529 | NA | NA |
| GRID P100-8Q | 3267 | 528 | NA | NA |
| Quadro P600 | 3272 | 527 | 15.54 | \$210.58* |
| Tesla K40m | 3281 | 526 | NA | NA |
| GRID T4-1Q | 3302 | 525 | NA | NA |
| GeForce GTX 650 Ti BOOST | 3338 | 524 | NA | NA |
| GeForce GTX 590 | 3341 | 523 | 7.68 | \$435.00* |
| GeForce GTX 750 | 3350 | 522 | 41.89 | \$79.99* |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|---------------------------|
| GRID T4-2Q | | | | NA |
| Radeon Pro 460 | 3452 | 512 | NA | NA |
| Quadro M2000M | 3455 | 511 | 16.21 | \$213.16* |
| Quadro K2200M | 3468 | 510 | 27.76 | \$124.95* |
| Radeon Pro 560 | 3475 | 509 | NA | NA |
| Radeon Ryzen 5 7535U | 3495 | 508 | NA | NA |
| Radeon 740M | 3501 | 507 | NA | NA |
| Quadro 7000 | 3505 | 506 | NA | NA |
| Ryzen 5 PRO 6650U with Radeon Graphics | 3515 | 505 | NA | NA |
| GRID K520 | 3516 | 504 | 23.44 | \$149.99* |
| Ryzen 5 PRO 6650U | 3519 | 503 | NA | NA |
| Ryzen 5 6600H with Radeon Graphics | 3525 | 502 | NA | NA |
| Radeon HD 7970M | 3529 | 500 | NA | NA |
| Ryzen 5 7535U with Radeon Graphics | 3529 | 501 | NA | NA |
| Quadro K2200 | 3550 | 499 | 13.23 | \$268.30* |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce GTX 680M KY Bullet Edition | 3568 | 497 | NA | NA |
| GRID M6-8Q | 3568 | 498 | NA | NA |
| Radeon Ryzen 7 4800H | 3574 | 496 | NA | NA |
| GeForce GTX 775M | 3593 | 495 | NA | NA |
| Radeon R9 M390X | 3597 | 494 | NA | NA |
| T400 | 3630 | 493 | 21.79 | \$166.59 |
| Radeon RX Vega M GL | 3631 | 492 | NA | NA |
| Quadro P620 | 3632 | 491 | 6.32 | \$574.55* |
| Radeon Pro WX 4100 | 3635 | 490 | 7.27 | \$499.99* |
| Radeon RX 560 | 3646 | 489 | 20.27 | \$179.89 |
| Radeon R9 M485X | 3660 | 488 | NA | NA |

| Model | Score | GPU | Price | Price |
|---|-------|-----|-----------------------|---------------------------|
| P104-100 | 3743 | 478 | 12.48 | \$299.99* |
| Barco MXRT 7500 | 3753 | 477 | 12.55 | \$299.00* |
| Radeon Ryzen 5 6600HS Creator Edition | 3760 | 476 | NA | NA |
| GeForce GTX 965M | 3788 | 475 | NA | NA |
| GeForce GTX 880M | 3803 | 473 | NA | NA |
| Radeon Ryzen 5 6600H | 3803 | 474 | NA | NA |
| GRID M60-4Q | 3831 | 472 | NA | NA |
| EIZO MED-XN43 | 3842 | 471 | NA | NA |
| GeForce GTX 780M | 3847 | 470 | 7.71 | \$499.00* |
| Radeon HD 7850 | 3860 | 469 | 22.71 | \$169.99* |
| Intel Arc A310 LP | 3862 | 468 | NA | NA |
| Radeon Ryzen 5 7535HS | 3863 | 467 | NA | NA |
| Matrox LUMA A310F | 3873 | 466 | NA | NA |
| Radeon HD 8970M | 3876 | 465 | 27.69 | \$139.99* |
| GRID M60-8Q | 3883 | 464 | NA | NA |
| GeForce GTX 750 Ti | 3903 | 463 | 44.30 | \$88.11* |
| GRID P6-2Q | 3925 | 462 | NA | NA |
| GeForce GTX 570 | 3928 | 461 | 26.19 | \$149.99* |
| Quadro M2000 | 3983 | 460 | 15.08 | \$264.24* |
| Quadro K5000 | 3987 | 459 | 16.01 | \$249.00* |
| GeForce GTX 660 | 3999 | 458 | 23.82 | \$167.95* |
| Radeon Ryzen 7 4800HS | 4021 | 457 | NA | NA |
| Radeon HD 7800-serie | 4029 | 456 | NA | NA |
| Radeon Eng Sample: 100-000000561-40_Y | 4041 | 455 | NA | NA |
| RadeonT 660M Ryzen 5 7535HS | 4051 | 454 | NA | NA |
| Radeon PRO Ryzen 5 PRO 6650U | 4066 | 453 | NA | NA |

| Video Card Model | Score | GPU Model | Price | Price |
|---|-------|-----------|-----------------------|---------------------------|
| NVIDIA A40-8Q | 4220 | 445 | NA | NA |
| Radeon Ryzen 9 PRO 6950HS | 4250 | 444 | NA | NA |
| Quadro M2200 | 4253 | 443 | 17.02 | \$249.99* |
| Radeon R9 270 / R7 370 | 4259 | 442 | 19.98 | \$213.16* |
| FirePro W7000 | 4288 | 441 | 15.42 | \$278.05* |
| Radeon R9 270 | 4306 | 440 | NA | NA |
| Radeon RX 5300M | 4307 | 439 | NA | NA |
| Quadro K4200 | 4322 | 438 | 17.36 | \$249.00* |
| GRID GTX P40-6 | 4340 | 437 | NA | NA |
| FirePro W7000 Adapter | 4359 | 436 | NA | NA |
| GeForce GTX 660 Ti | 4414 | 435 | 30.66 | \$144.00* |
| Radeon Ryzen 7 Pro 7735U | 4427 | 434 | NA | NA |
| GRID P6-4Q | 4429 | 433 | NA | NA |
| Tesla K20m | 4432 | 432 | NA | NA |
| Quadro P1000 | 4451 | 431 | 15.35 | \$289.99* |
| GRID M60-1B | 4456 | 430 | NA | NA |
| GeForce GTX 1050 (Mobile) | 4461 | 429 | NA | NA |
| Radeon HD 7870 XT | 4469 | 428 | NA | NA |
| Tesla K40c | 4494 | 427 | NA | NA |
| Radeon R7 370 | 4520 | 426 | NA | NA |
| FirePro S7000 | 4523 | 425 | 18.35 | \$246.54* |
| Radeon Pro 465 | 4537 | 424 | NA | NA |
| B8DKMDAP | 4557 | 423 | NA | NA |
| GeForce GTX 580 | 4565 | 422 | 32.63 | \$139.92* |
| Radeon Ryzen 7 6800U | 4570 | 421 | NA | NA |
| GeForce MX550 | 4572 | 420 | NA | NA |
| Radeon Ryzen 7 PRO 6860Z | 4594 | 419 | NA | NA |

| GeForce GTX 760 | 4794 | 409 | 32.18 | \$149.00* |
|--|---|---------------------------|---------------------------------------|---------------------------|
| Ryzen 7 6800H with Radeon Graphics | 4801 | 408 | NA | NA |
| Radeon Pro Vega 16 | 4809 | 407 | NA | NA |
| Ryzen 7 6800U with Radeon Graphics | 4829 | 406 | NA | NA |
| GRID P40-2Q | 4843 | 405 | NA | NA |
| T550 Laptop GPU | 4845 | 404 | NA | NA |
| Ryzen 7 PRO 6860Z with Radeon Graphics | 4869 | 403 | NA | NA |
| Radeon R9 270X | 4889 | 402 | 14.98 | \$326.50* |
| FirePro S9050 | 4901 | 401 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Barco MXRT 7600 | 4943 | 400 | 8.20 | \$602.59* |
| Radeon R9 M395 | 4949 | 399 | NA | NA |
| Radeon Instinct MI25 MxGPU | 4978 | 398 | NA | NA |
| A16 | 4981 | 397 | NA | NA |
| GeForce GTX 1630 | 4993 | 396 | 26.28 | \$189.99* |
| Ryzen 7 6800U | 5006 | 395 | NA | NA |
| Radeon Ryzen 7 PRO 6850HS | 5038 | 394 | NA | NA |
| GeForce GTX 1050 | 5046 | 393 | 21.11 | \$239.00* |
| Radeon Ryzen 7 7735H | 5047 | 392 | NA | NA |
| EIZO Quadro MED-XN51LP | 5048 | 391 | NA | NA |
| FirePro S9000 | 5059 | 390 | NA | NA |
| Ryzen 7 PRO 6860Z | 5076 | 389 | NA | NA |
| Intel Arc | 5082 | 388 | NA | NA |
| Intel Arc A370M | 5115 | 387 | NA | NA |
| Ryzen 7 PRO 6850U with Radeon Graphics | 5115 | 386 | NA | NA |
| Ryzen 7 7735HS with Radeon Graphics | 5127 | 385 | NA | NA |

| Ryzen 7 6800HS | 5237 | 375 | NA | NA |
|---|---|---------------------------|---------------------------------------|---------------------------|
| GeForce GTX 760 Ti | 5240 | 374 | 17.62 | \$297.50* |
| Radeon HD 7970 / R9 280X | 5247 | 372 | 21.25 | \$246.99* |
| Ryzen 7 6800H | 5247 | 373 | NA | NA |
| FirePro W7100 | 5290 | 371 | 13.59 | \$389.30* |
| Radeon Pro Vega 20 | 5299 | 370 | NA | NA |
| GeForce GTX 670 | 5331 | 369 | 27.49 | \$193.98* |
| Quadro P2000 with Max-Q Design | 5332 | 368 | NA | NA |
| GeForce GTX 950 | 5338 | 367 | 37.60 | \$141.99* |
| Radeon Ryzen 7 6800H | 5341 | 366 | NA | NA |
| GRID P40-4Q | 5364 | 365 | NA | NA |
| Ryzen 9 6900HX with Radeon Graphics | 5371 | 364 | NA | NA |
| GeForce GTX 1050 Ti with Max-Q Design | 5377 | 363 | NA | NA |
| Ryzen 7 6800HS Creator Edition | 5382 | 362 | NA | NA |
| Radeon Ryzen 7 7735HS | 5394 | 361 | NA | NA |
| GeForce GTX 760 Ti OEM | 5427 | 360 | NA | NA |
| Radeon Ryzen 7 6800HS Creator Edition | 5453 | 359 | NA | NA |
| Radeon TM | 5454 | 358 | NA | NA |
| Radeon RX 5500M | 5502 | 357 | NA | NA |
| GRID M60-8A | 5523 | 356 | NA | NA |
| Quadro M3000M | 5526 | 355 | 34.55 | \$159.95* |
| Radeon R9 285 / 380 | 5549 | 354 | 11.44 | \$485.00* |
| GeForce GTX 680 | 5552 | 353 | 13.92 | \$399.00* |
| Radeon R9 280 | 5558 | 352 | NA | NA |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 7990 | 5565 | 351 | 13.91 | \$399.99* |

| Video Card Model | Score | Rank | Price | Price |
|---|-------|------|-----------------------|---------------------------|
| Radeon RX 6300 | | | | NA |
| GeForce GTX 970M | 5742 | 341 | 27.35 | \$209.99* |
| GeForce MX570 | 5749 | 340 | NA | NA |
| Ryzen 9 PRO 6950H | 5758 | 339 | NA | NA |
| Radeon Ryzen 7 PRO 6850H | 5767 | 338 | NA | NA |
| Radeon Ryzen 7 7736U | 5791 | 337 | NA | NA |
| Matrox LUMAA380P | 5805 | 336 | NA | NA |
| Tesla K80 | 5852 | 335 | 9.85 | \$593.95* |
| Radeon PRO W6300 | 5897 | 334 | NA | NA |
| Radeon 760M | 5901 | 333 | NA | NA |
| GeForce GTX 1050 Ti (Mobile) | 5918 | 332 | NA | NA |
| GeForce GTX 770 | 5924 | 331 | 23.79 | \$249.00* |
| GRID P100-16Q | 5944 | 330 | NA | NA |
| GeForce MX570 A | 5957 | 329 | NA | NA |
| Radeon Pro 5300M | 5966 | 328 | NA | NA |
| Radeon Ryzen 9 6900HS Creator Edition | 6012 | 327 | NA | NA |
| Quadro K5200 | 6041 | 326 | 14.56 | \$415.00* |
| GeForce GTX 960 | 6071 | 325 | 35.30 | \$172.00* |
| Ryzen 9 6900HS with Radeon Graphics | 6097 | 324 | NA | NA |
| FirePro W9000 | 6138 | 323 | 7.26 | \$845.00* |
| Radeon R9 380 | 6147 | 322 | 68.32 | \$89.99* |
| Radeon 680M Ryzen 7 7735HS | 6166 | 321 | NA | NA |
| GeForce GTX 1650 with Max-Q Design | 6175 | 320 | NA | NA |
| Radeon R9 280X | 6191 | 319 | NA | NA |
| Radeon R9 380X | 6194 | 318 | 17.70 | \$349.99* |
| Quadro M4000M | 6210 | 317 | 24.36 | \$254.91* |
| Radeon Ryzen 7 6800HS | 6228 | 316 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| Quadro T1000 | 6546 | 307 | NA | \$369.99 |
| Quadro P3000 | 6563 | 306 | NA | NA |
| Radeon RX Vega M GH | 6570 | 305 | NA | NA |
| Quadro M4000 | 6673 | 304 | 18.44 | \$362.00* |
| Ryzen 7 6800HS with Radeon Graphics | 6677 | 303 | NA | NA |
| GeForce GTX 970XM FORCE | 6706 | 302 | NA | NA |
| Radeon Pro WX 7130 | 6715 | 301 | NA | NA |
| Quadro T1000 with Max-Q Design | 6720 | 300 | NA | NA |
| GRID P4-8Q | 6733 | 299 | NA | NA |
| CMP 40HX | 6778 | 298 | NA | NA |
| RTX A500 Laptop GPU | 6798 | 297 | NA | NA |
| Radeon Pro 5500M | 6819 | 296 | NA | NA |
| GRID P4-4Q | 6843 | 295 | NA | NA |
| GeForce RTX 3050 4GB Laptop GPU | 6884 | 294 | NA | NA |
| Quadro T2000 with Max-Q Design | 6906 | 293 | NA | NA |
| Quadro M5000M | 6913 | 292 | 12.64 | \$546.92* |
| Quadro P2000 | 6924 | 291 | 15.75 | \$439.60* |
| GeForce GTX 1650 (Mobile) | 6968 | 290 | NA | NA |
| T600 Laptop GPU | 7030 | 289 | NA | NA |
| A10-8Q | 7041 | 288 | NA | NA |
| RadeonT 780M | 7056 | 287 | NA | NA |
| Radeon 780M | 7090 | 286 | NA | NA |
| Radeon Pro 5300 | 7143 | 285 | NA | NA |
| Quadro T2000 | 7179 | 284 | 13.59 | \$528.35* |
| AMD Ryzen Z1 Extreme | 7196 | 283 | NA | NA |
| Tesla P100-PCIE-16GB | 7225 | 282 | 1.27 | \$5,699.00* |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| Radeon RX 6400 | 7566 | 270 | NA | \$154.99* |
| GeForce GTX 1650 Ti | 7570 | 272 | NA | NA |
| Radeon RX 6500 | 7589 | 271 | NA | NA |
| T1000 8GB | 7611 | 270 | NA | NA |
| Radeon RX 5300 | 7641 | 269 | NA | NA |
| GeForce RTX 2050 | 7662 | 268 | NA | NA |
| T1000 | 7677 | 267 | 16.67 | \$460.49 |
| Radeon RX 580 2048SP | 7699 | 266 | NA | NA |
| Radeon Pro 580 | 7753 | 265 | NA | NA |
| Radeon RX 580X | 7798 | 264 | NA | NA |
| Radeon RX 6500M | 7857 | 263 | NA | NA |
| T1200 Laptop GPU | 7870 | 262 | NA | NA |
| GeForce GTX 1650 | 7880 | 261 | 53.60 | \$147.01 |
| GeForce GTX 1060 with Max-Q Design | 7896 | 260 | NA | NA |
| Radeon Pro WX 7100 | 7898 | 259 | 7.54 | \$1,047.99* |
| Quadro M5500 | 7915 | 258 | NA | NA |
| FirePro W9100 | 7986 | 257 | 4.62 | \$1,729.99* |
| Ryzen 9 6900HS | 8005 | 256 | NA | NA |
| GeForce GTX 780 | 8007 | 255 | 28.60 | \$279.99* |
| Radeon RX 470/570 | 8016 | 254 | 20.61 | \$388.99* |
| Radeon PRO W6400 | 8047 | 253 | NA | NA |
| Quadro K6000 | 8052 | 252 | 38.23 | \$210.66* |
| CMP 30HX | 8135 | 251 | NA | NA |
| Radeon R9 290 / 390 | 8150 | 250 | 21.45 | \$380.00* |
| GeForce GTX 1060 (Mobile) | 8160 | 249 | NA | NA |
| Radeon Pro Duo | 8164 | 248 | 2.06 | \$3,970.36* |

| Model | Score | Rank | Price | Price |
|--|-------|------|-----------------------|-----------------------------|
| Radeon R9 295X2 | | | | \$499.10* |
| Radeon RX590 GME | 8619 | 238 | NA | NA |
| Radeon RX 480 | 8623 | 237 | 25.36 | \$339.99* |
| Radeon R9 290X | 8637 | 236 | NA | NA |
| Radeon RX 5600M | 8705 | 235 | NA | NA |
| GRID P40-24Q | 8719 | 234 | NA | NA |
| Tesla P4 | 8767 | 233 | NA | NA |
| Radeon RX 5500 | 8830 | 232 | NA | NA |
| Radeon RX 580 | 8873 | 231 | 49.30 | \$179.99* |
| Quadro P3200 | 8916 | 230 | 22.90 | \$389.30* |
| Radeon R9 390 | 8921 | 229 | NA | NA |
| GeForce GTX TITAN Black | 8939 | 228 | 17.03 | \$524.99* |
| GeForce GTX TITAN Z | 8986 | 227 | 5.93 | \$1,515.00* |
| GeForce GTX 1060 5GB | 9058 | 226 | 18.56 | \$487.99* |
| Quadro P4000 with Max-Q Design | 9082 | 225 | NA | NA |
| Radeon Pro W5500 | 9120 | 224 | 22.24 | \$409.99* |
| Radeon RX 5500 XT | 9158 | 223 | 50.52 | \$181.29* |
| Quadro P3200 with Max-Q Design | 9282 | 222 | NA | NA |
| Radeon Pro 5600M | 9313 | 221 | NA | NA |
| Quadro P2200 | 9330 | 220 | 20.29 | \$459.80* |
| Radeon RX 6550M | 9370 | 219 | NA | NA |
| Quadro M5000 | 9412 | 218 | 18.86 | \$499.00* |
| Radeon RX 590 | 9413 | 217 | 17.12 | \$549.99* |
| Radeon R9 390X | 9439 | 216 | NA | NA |
| GeForce RTX 3050 Laptop GPU | 9456 | 215 | 35.03 | \$269.99* |
| RTX A1000 Laptop GPU | 9473 | 214 | NA | NA |
| GeForce GTX 780 Ti | 9516 | 213 | 27.99 | \$339.99* |

| Video Card Name | Passmark G3D Mark PassMark Software - Video Card (GPU) (higher is better) | Rank Benchmark Charts - Video Card Model List (lower is better) | Video Card Value Video Card Model List (higher is better) | Price (USD) |
|---|---|---|---|-----------------------------|
| RTX A2000 Laptop GPU | 9967 | 204 | NA | NA |
| Radeon R9 Fury X | 10010 | 203 | NA | NA |
| GeForce GTX 1060 | 10071 | 202 | 35.97 | \$279.99* |
| GeForce GTX 1650 SUPER | 10154 | 201 | 39.75 | \$255.49* |
| GeForce RTX 3050 Ti Laptop GPU | 10157 | 200 | NA | NA |
| RTX A1000 6GB Laptop GPU | 10164 | 199 | NA | NA |
| GeForce GTX 1660 Ti (Mobile) | 10196 | 198 | NA | NA |
| Tesla M40 | 10376 | 197 | 17.29 | \$600.00* |
| Tesla M40 24GB | 10417 | 196 | NA | NA |
| GeForce RTX 3050 6GB Laptop GPU | 10452 | 195 | NA | NA |
| GeForce GTX 1070 (Mobile) | 10465 | 194 | NA | NA |
| Intel Arc A730M | 10487 | 193 | NA | NA |
| Quadro P4200 | 10685 | 192 | NA | NA |
| GeForce RTX 3050 6GB | 10791 | 191 | NA | NA |
| Tesla T4 | 10832 | 190 | 2.45 | \$4,420.46* |
| RTX 500 Ada Generation Laptop GPU | 10907 | 189 | NA | NA |
| RTX A4500 Embedded GPU | 10916 | 188 | NA | NA |
| RTX A2000 8GB Laptop GPU | 10943 | 187 | NA | NA |
| Radeon Pro SSG | 10971 | 186 | 4.55 | \$2,410.15* |
| GeForce GTX 980 | 11122 | 185 | 44.97 | \$247.35* |
| Quadro RTX 3000 | 11164 | 184 | NA | NA |
| Radeon Pro Vega 48 | 11299 | 183 | NA | NA |
| GeForce RTX 2060 (Mobile) | 11354 | 182 | NA | NA |
| RTX A1000 Embedded GPU | 11368 | 181 | NA | NA |
| Quadro P4200 with Max-Q Design | 11446 | 180 | NA | NA |
| Radeon RX 7600M XT | 11544 | 179 | NA | NA |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| Radeon Pro 5700 | | | | NA |
| Quadro M6000 24GB | 11890 | 169 | NA | NA |
| Intel Arc A750 | 11953 | 168 | 59.77 | \$199.99 |
| Radeon RX 5600 OEM | 12004 | 167 | NA | NA |
| GeForce RTX 3050 OEM | 12020 | 166 | NA | NA |
| Radeon Pro V520 MxGPU | 12257 | 165 | NA | NA |
| Radeon RX 6850M | 12274 | 164 | NA | NA |
| Quadro P5200 | 12304 | 163 | NA | NA |
| Tesla V100-PCIE-16GB | 12328 | 162 | NA | NA |
| Radeon Pro Vega 56 | 12353 | 161 | NA | NA |
| GeForce RTX 2070 (Mobile) | 12354 | 160 | NA | NA |
| Quadro P5200 with Max-Q Design | 12355 | 159 | NA | NA |
| Quadro P5000 | 12447 | 158 | 6.66 | \$1,868.99* |
| Radeon Pro WX 9100 | 12464 | 157 | NA | NA |
| Tesla P40 | 12498 | 156 | NA | NA |
| RTX A3000 Laptop GPU | 12553 | 155 | NA | NA |
| Quadro RTX 4000 (Mobile) | 12585 | 154 | NA | NA |
| Radeon Pro 5700 XT | 12613 | 153 | NA | NA |
| Quadro RTX 4000 with Max-Q Design | 12627 | 152 | NA | NA |
| Tesla T10 | 12650 | 151 | NA | NA |
| Radeon Pro VII | 12728 | 150 | NA | NA |
| GeForce GTX 1660 SUPER | 12772 | 149 | 58.38 | \$218.77 |
| GeForce RTX 3050 8GB | 12874 | 148 | 73.57 | \$174.99 |
| GeForce GTX 1660 Ti | 12926 | 147 | 35.91 | \$359.99 |
| Radeon Pro Vega 64 | 12949 | 146 | NA | NA |
| GeForce GTX TITAN X | 13012 | 145 | 11.86 | \$1,096.99* |

| Model | PassMark | Score | Price | Price |
|--|----------|-------|-----------------------|-----------------------------|
| GeForce GTX 1070 | 13512 | 136 | 22.46 | \$529.99* |
| RTX 1000 Ada Generation Laptop GPU | 13543 | 135 | NA | NA |
| Quadro RTX 5000 with Max-Q Design | 13636 | 134 | NA | NA |
| NVIDIA TITAN X | 13659 | 133 | 22.46 | \$608.10* |
| Radeon RX 5600 XT | 13667 | 132 | 25.08 | \$545.00* |
| Radeon RX 6600M | 13670 | 131 | 68.36 | \$199.99* |
| Radeon RX 6600S | 13678 | 130 | NA | NA |
| Radeon Pro Vega 64X | 13708 | 129 | NA | NA |
| RTX A2000 12GB | 13723 | 128 | NA | NA |
| RTX A2000 | 13761 | 127 | 18.93 | \$726.99* |
| GeForce RTX 2070 Super with Max-Q Design | 13778 | 126 | NA | NA |
| GeForce RTX 2080 Super with Max-Q Design | 13801 | 125 | NA | NA |
| GeForce GTX 980 Ti | 13812 | 124 | 17.74 | \$778.69* |
| Radeon Pro WX 8200 | 13835 | 123 | 8.65 | \$1,599.39* |
| RadeonT RX 6850M XT | 13847 | 122 | NA | NA |
| GeForce RTX 2060 | 14150 | 121 | 31.01 | \$456.37 |
| Radeon RX 7600S | 14177 | 120 | NA | NA |
| Radeon RX Vega 64 | 14358 | 119 | 19.15 | \$749.99* |

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