

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

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.

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireMV 2200 PCI	1	2526	NA	NA
Intel 82852/82855 GM/GME Controller	1	2523	NA	NA
Intel Extreme Controller	1	2514	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2517	NA	NA
Mobile Intel 945 Express	1	2518	NA	NA
Quadro2 Pro	1	2525	NA	NA
RADEON IGP 34xM	1	2520	NA	NA
Rage 128 Pro	1	2522	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2524	NA	NA
S3 ProSavageDDR	1	2521	NA	NA
S3 SuperSavage/IXC 1014	1	2515	NA	NA
VIA Chrome9 HCM IGP	1	2519	NA	NA
VisionTek Rade				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce3 MX WITH TV OUT	2	2304	NA	NA
GeForce3 Ti 500	2	2506	NA	NA
Intel 82845G Controller	2	2512	NA	NA
Intel 82845G/GL Controller	2	2500	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2491	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2499	NA	NA
Intel 946GZ Express	2	2503	NA	NA
Intel GMA 3150 Express	2	2507	NA	NA
Intel Media Accelerator 3150	2	2490	NA	NA
MOBILITY RADEON 9100 IGP	2	2489	NA	NA
Quadro NVS 280 SD	2	2509	NA	NA
Radeon 7000 / Radeon VE	2	2497	NA	NA
RADEON 7200	2	2492	0.00	\$599.99*
RADEON 9200 LE Family	2	2501	NA	NA
RADEON 9200 PRO Family	2	2493	NA	NA
RADEON 9200 SE	2	2505	NA	NA
RADEON 9250	2	2502	0.01	\$194.00*
Radeon IGP 340M	2	2508	NA	NA
RADEON IGP 345M	2	2496	NA	NA
Radeon VE	2	2513	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2511	NA	NA
VIA Chrome9 HC IGP WDDM	2	2494	NA	NA
VIA Chrome9 HC3 IGP	2	2498	NA	NA
ABIT Siluro T400	3	2459	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2484	NA	NA
GeForce 6200A	3	2467	0.07	\$54.99*
GeForce2 GTS/GeForce2 Pro	3	2456	NA	NA
GeForce2 MX 100/200	3	2480	NA	NA
GeForce2 MX/MX 400	3	2458	NA	NA
GeForce4 420 Go	3	2477	NA	NA
GeForce4 4200 Go	3	2457	NA	NA
GeForce4 440				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 805 Embedded Controller	3	2400	NA	NA
Video Card ▼				
Intel 946GZ Embedded Chipset	3	2481	NA	NA
Intel Media Accelerator 500	3	2473	NA	NA
Matrox Parhelia 128MB	3	2475	0.01	\$393.99*
MOBILITY RADEON 7500	3	2469	NA	NA
MOBILITY RADEON 9000	3	2479	NA	NA
MOBILITY RADEON 9200	3	2488	NA	NA
RADEON 7000 / RADEON VE Family	3	2461	NA	NA
RADEON 7500	3	2482	0.02	\$177.25*
RADEON 9000 Family	3	2471	NA	NA
RADEON 9200	3	2468	0.02	\$153.63*
RADEON IGP 320	3	2463	NA	NA
Radeon IGP 320M	3	2470	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2485	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2462	NA	NA
RIVA TNT2/TNT2 Pro	3	2474	NA	NA
S3 Inc. Savage4	3	2483	NA	NA
Vanta/Vanta LT	3	2487	NA	NA
VIA Chrome9 HC IGP Family	3	2460	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2472	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2476	NA	NA
VIA/S3G DeltaChrome IGP	3	2478	NA	NA
ALL-IN-WONDER 9000	4	2426	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2445	NA	NA
Dell 8200	4	2447	NA	NA
GeForce2 Go	4	2451	NA	NA
GeForce2 Integrated GPU	4	2446	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2430	NA	NA
GeForce2 Ti	4	2438	NA	NA
GeForce3	4	2427	NA	NA
GeForce3 Ti 20				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce4 MX 420	4	2431	NA	NA
GeForce4 MX 440	4	2441	NA	NA
GeForce4 MX 440 with AGP8X	4	2428	NA	NA
GeForce4 MX 440SE	4	2440	NA	NA
GeForce4 MX 460	4	2450	NA	NA
Intel 82865G Controller	4	2435	NA	NA
Intel 915G,910G Express	4	2455	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function 0	4	2436	NA	NA
Intel 945G Embedded Chipset Function 0	4	2443	NA	NA
MOBILITY FIREGL 7800	4	2432	NA	NA
MOBILITY/RADEON 9000	4	2452	NA	NA
Quadro2 MXR/EX	4	2442	NA	NA
Quadro4 900 XGL	4	2425	NA	NA
RADEON 7500 Family	4	2433	NA	NA
RADEON 9000	4	2437	NA	NA
VIA Chrome9 HC IGP	4	2448	NA	NA
VIA/S3G KM400/KN400	4	2454	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA/S3G UniChrome IGP	4	2449	NA	NA
VIA/S3G UniChrome Pro IGP	4	2434	NA	NA
WinFast A250 LE	4	2429	NA	NA
XGI Volari Family v1.13.23.D_V	4	2439	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2411	NA	NA
GeForce 256	5	2422	0.12	\$42.04*
GeForce4 420 Go 32M	5	2416	NA	NA
GeForce4 440 Go 64M	5	2402	NA	NA
GeForce4 448 Go	5	2413	NA	NA
GeForce4 Ti 4200	5	2412	NA	NA
GeForce4 Ti 4600	5	2414	0.10	\$53.99*
GeForce4 Ti 4800	5	2404	NA	NA
Intel 82915G Express	5	2408	NA	NA
Intel Q33 Expre				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 945GM Express	3	2400	NA	NA
Mobile Intel 945GM/GU Express	5	2418	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2409	NA	NA
NVIDIA GeForce3 Ti200	5	2407	NA	NA
Quadro 280 NVS PCIe	5	2406	NA	NA
Quadro4 980 XGL	5	2423	0.01	\$341.43*
RADEON 9100 IGP	5	2415	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2419	NA	NA
VIA/S3G UniChromell	5	2403	NA	NA
Xabre	5	2420	NA	NA
GeForce PCX 5300	6	2398	NA	NA
GeForce2 Ultra	6	2396	NA	NA
GeForce4 MX Integrated GPU	6	2394	NA	NA
GeForce4 Ti 4800 SE	6	2390	NA	NA
Intel Media Accelerator 600	6	2389	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2391	NA	NA
MOBILITY RADEON 7000 IGP	6	2397	NA	NA
Quadro NVS 55/280 PCI	6	2400	NA	NA
Quadro4 380 XGL	6	2392	NA	NA
RADEON 8500 Family	6	2393	NA	NA
RADEON 9100 Family	6	2399	NA	NA
RADEON IGP 350M	6	2401	NA	NA
V9560XT	6	2395	NA	NA
ASUS V9520-X V62.11	7	2383	NA	NA
GeForce FX 5100	7	2382	NA	NA
GeForce FX 5200	7	2385	0.06	\$129.00*
GeForce FX 5200LE	7	2388	0.16	\$42.99*
GeForce4 Ti 4400	7	2387	NA	NA
Intel US15 Embedded Media and Controller	7	2386	NA	NA
MOBILITY RADEON 9000 IGP	7	2381	NA	NA
Quadro FX 500/FX 600	7	2384	NA	NA
GeCube RADE				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5200	8	2375	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2380	NA	NA
Intel Q35 Embedded	8	2376	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2378	NA	NA
Quadro NVS 280 PCI	8	2379	0.06	\$130.00*
ASUS A7000	9	2372	NA	NA
GeForce FX 5600XT	9	2373	NA	NA
Matrox Parhelia 256MB	9	2370	NA	NA
VIA Chrome9 HD IGP	9	2371	NA	NA
Master X3100 Driver	10	2368	NA	NA
MOBILITY IGP 9000/9100	10	2369	NA	NA
FireMV 2400 PCIe	11	2365	NA	NA
GeForce FX 5200SE	11	2363	NA	NA
Intel 82945G Express	11	2364	NA	NA
PHDGD Solo 1.2.0 x86	11	2367	NA	NA
RGH Drivers v3	11	2366	NA	NA
GeForce 7000M / nForce 610M	12	2359	NA	NA
GeForce FX 5200 Ultra	12	2362	NA	NA
GeForce FX 5600	12	2360	NA	NA
GeForce FX Go5300	12	2361	NA	NA
GeForce 7000M	13	2358	NA	NA
Quadro FX 500/600 PCI	14	2356	NA	NA
Radeon HD 2400 PCI	14	2357	NA	NA
GeForce Go 6200	15	2355	NA	NA
NV44	15	2354	NA	NA
GeForce FX Go5650	16	2352	NA	NA
GRID V100-8Q	16	2353	NA	NA
GeForce FX 5600 Ultra	17	2351	NA	NA
GeForce FX Go 5600	17	2349	NA	NA
GeForce Go 6100	17	2348	NA	NA
Mobile Intel965 Express	17	2350	NA	NA
GeForce 7150M				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card ▼				
RADEON 9600 IX Family	10	2344	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2346	NA	NA
S3 Chrome S25 DDR2	18	2343	NA	NA
GeForce Go 6150	19	2341	NA	NA
Matrox M9120 PCIe x16	19	2340	NA	NA
PHDGD Solo 2 x64	20	2339	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2338	NA	NA
GeForce 6150	21	2337	0.07	\$329.00*
RADEON A9800XT	22	2335	NA	NA
RADEON XPRESS 200M	22	2336	NA	NA
ALL-IN-WONDER 9800	23	2332	NA	NA
GeForce 6100 nForce 430	23	2334	NA	NA
GeForce 7200 GS	23	2333	NA	NA
Matrox M9140 LP PCIe x16	23	2331	NA	NA
Quadro NVS 210S	23	2329	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	2330	NA	NA
GeForce 6150SE	24	2325	NA	NA
GeForce FX 5700LE	24	2326	NA	NA
GeForce Go 6400	24	2327	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2328	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2324	NA	NA
GeForce 6100 nForce 400	25	2321	NA	NA
GeForce 6100 nForce 420	25	2320	NA	NA
GeForce 7050 / nForce 610i	25	2322	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2318	NA	NA
Matrox M9125 PCIe x16	25	2319	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2317	NA	NA
RADEON 9600 Family	25	2323	NA	NA
GeForce 6100 nForce 405	26	2313	NA	NA
GeForce 7100 / nForce 620i	26	2316	NA	NA
RADEON 9600				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6200 LE	27	2307	U.68	\$41.24
MOBILITY FireGL V5250	27	2309	NA	NA
MOBILITY RADEON 9700	27	2308	NA	NA
MOBILITY RADEON XPRESS 200	27	2312	NA	NA
RADEON 9600SE	27	2310	NA	NA
Radeon 9550 / X1050	29	2306	NA	NA
Radeon Xpress 1150	29	2304	NA	NA
RADEON XPRESS 200	29	2305	NA	NA
All-in-Wonder X1800XL	30	2303	NA	NA
FireGL T2-128	30	2300	NA	NA
GeForce 6150SE nForce 430	30	2301	NA	NA
MOBILITY RADEON 9550	30	2302	NA	NA
GeForce 7050 PV / nForce 630a	31	2298	NA	NA
Matrox M9128 LP PCIe x16	31	2296	NA	NA
Radeon X1270	31	2299	NA	NA
Red Hat QXL controller	31	2297	NA	NA
GeForce 6200 A-LE	32	2295	NA	NA
GeForce 7025 / nForce 630a	32	2292	NA	NA
GeForce FX 5900ZT	32	2293	NA	NA
Intel Media Accelerator	32	2291	NA	NA
Radeon X1200	32	2294	NA	NA
GeForce 6150 LE	33	2287	NA	NA
GeForce 7150 / nForce 630i	33	2290	NA	NA
GeForce FX 5700VE	33	2289	NA	NA
MOBILITY FIREGL T2/T2e	33	2285	NA	NA
Mobility Radeon X1450	33	2288	NA	NA
MOBILITY RADEON X300	33	2284	NA	NA
S3 Chrome S27 DDR3	33	2286	NA	NA
GeForce FX 5700 Ultra	34	2281	NA	NA
GeForce FX 5900	34	2278	NA	NA
GeForce PCX 5750	34	2276	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1300	34	2219	NA	NA
RADEON 9550	34	2277	0.12	\$291.74*
Radeon Xpress 1100	34	2283	NA	NA
Quadro FX 1100	35	2273	0.17	\$212.99*
RADEON 9600 XT	35	2275	NA	NA
Radeon Xpress 1200	35	2274	NA	NA
CONNECT 3D RADEON X300	36	2269	NA	NA
FireMV 2200 PCIe	36	2271	0.40	\$89.99*
Matrox G200eR	36	2268	NA	NA
MOBILITY RADEON 9600	36	2272	NA	NA
RADEON 9500	36	2270	0.90	\$40.50*
256MB DDR Radeon 9800 XT	37	2263	NA	NA
GeForce 6200	37	2265	0.37	\$99.99*
GeForce 6200SE TurboCache	37	2267	NA	NA
GeForce 7050 / nForce 630i	37	2262	NA	NA
Quadro NVS 440	37	2264	0.16	\$228.87*
Radeon X1250	37	2266	NA	NA
GeForce 6500	38	2259	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2258	NA	NA
Quadro NVS 285 128MB	38	2260	0.70	\$55.00*
RADEON X300SE	38	2261	NA	NA
GeForce 7300 SE	39	2257	NA	NA
Matrox G200eW	39	2253	NA	NA
MOBILITY RADEON 9600/9700	39	2256	NA	NA
Mobility Radeon X1300	39	2254	NA	NA
Mobility Radeon X1350	39	2252	NA	NA
S3 Chrome 430 ULP	39	2255	NA	NA
GeForce FX 5700	40	2246	NA	NA
GeForce FX 5900XT	40	2251	NA	NA
Matrox G200eh	40	2248	NA	NA
Matrox M9148 LP PCIe x16	40	2250	NA	NA
MOBILITY FIRE				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 100 / nForce 630i	41	2244	NA	NA
GeForce FX 5900 Ultra	41	2245	NA	NA
RADEON 9500 PRO / 9700	41	2242	NA	NA
Matrox M9138 LP PCIe x16	42	2240	NA	NA
Mobility Radeon X1400	42	2237	NA	NA
Quadro NVS 285	42	2241	0.25	\$169.86*
RADEON 9600 PRO	42	2238	NA	NA
Radeon Xpress 1250	42	2239	NA	NA
Mobile Intel 45 Express	43	2236	NA	NA
GeForce Go 6600 TE/6200 TE	44	2231	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2234	NA	NA
Mobile Intel serie 4 Express	44	2233	NA	NA
MOBILITY FireGL V5200	44	2230	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 350M	44	2232	NA	NA
Radeon 9700 TX w/TV-Out	44	2235	NA	NA
FireMV 2250	45	2227	0.44	\$104.00*
GeForce Go 7200	45	2229	NA	NA
Matrox G200eR WDDM 1.2	45	2228	NA	NA
Matrox G200eh WDDM 2.0	46	2225	NA	NA
MOBILITY RADEON 9800	46	2226	NA	NA
Quadro NVS 120M	46	2224	NA	NA
GeForce 7300 SE/7200 GS	47	2220	NA	NA
Quadro NVS 110M	47	2222	NA	NA
Radeon X1550 64-bit	47	2221	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2223	NA	NA
Mobile Intel 965 Express	48	2219	NA	NA
Mobility Radeon X2300	48	2218	NA	NA
Mobility Radeon X2300 HD	48	2217	NA	NA
MOBILITY RADEON X600 SE	49	2214	NA	NA
Radeon X1050	49	2215	NA	NA
Radeon X1600				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox G200eVW WDDM 1.2	50	2212	NA	NA
Mobility Radeon HD 2300	50	2209	NA	NA
MOBILITY RADEON X600	50	2211	NA	NA
RADEON X550	50	2208	NA	NA
FirePro 2450	51	2207	0.57	\$89.99*
GeForce 6600 LE	51	2205	NA	NA
GeForce 7100 GS	51	2206	NA	NA
GeForce FX Go5700	51	2204	NA	NA
Matrox G200eh WDDM 1.2	51	2202	NA	NA
RADEON E2400	51	2203	NA	NA
FireGL V3100	52	2198	NA	NA
GeForce Go 7300	52	2201	NA	NA
Quadro NVS 135M	52	2200	NA	NA
Radeon Xpress 1300	52	2199	NA	NA
GeForce 6200 TurboCache	53	2197	NA	NA
RADEON 9700 PRO	53	2196	NA	NA
Intel - Express Chipset G41	56	2193	NA	NA
RADEON 9800 XT	56	2192	NA	NA
RADEON X550XT	56	2195	NA	NA
RADEON X600 256MB HyperMemory	56	2194	NA	NA
Intel - Express Chipset Q45/Q43	57	2188	NA	NA
Intel G41 Express-Chipsatz	57	2190	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2191	NA	NA
RADEON 9800	57	2189	0.18	\$325.00*
GeForce 6800 XE	58	2184	NA	NA
GeForce 8200M G	58	2187	NA	NA
GeForce 8400M G	58	2185	NA	NA
Radeon X1300	58	2186	0.61	\$95.78*
FireGL X1	59	2183	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5950 Ultra	59	2182	NA	NA
Matrox G200e				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9800 PRO	39	2100	NA	NA
SAPPHIRE Radeon X1550	61	2177	NA	NA
GeForce G 103M	62	2175	NA	NA
GeForce G 105M	62	2172	NA	NA
Intel HD manual-15.28-1861	62	2174	NA	NA
MOBILITY FireGL V3200	62	2176	NA	NA
Mobility Radeon HD 3410	62	2173	NA	NA
Quadro FX 550	63	2171	0.22	\$287.82*
RADEON X800 PRO	64	2170	NA	NA
GeForce Go 7400	65	2169	NA	NA
GeForce 8400M GT	66	2166	NA	NA
Mobility Radeon HD 4225	66	2168	NA	NA
MOBILITY RADEON X700	66	2165	NA	NA
Quadro NVS 450	66	2164	0.42	\$159.00*
Radeon X1550	66	2167	0.43	\$155.00*
GeForce 9400M	67	2161	NA	NA
GeForce 9400M G	67	2162	NA	NA
Intel G45/G43/G41 Express Chipset	67	2159	NA	NA
Matrox G200eR WDDM 2.0	67	2160	NA	NA
RADEON X600 PRO	67	2163	0.42	\$160.49*
FireGL V3350	68	2156	NA	NA
GeForce 8400 SE	68	2157	NA	NA
GeForce 9100M G	68	2158	NA	NA
BASICDISPLAY	69	2150	NA	NA
GeForce Go 6600	69	2151	NA	NA
Quadro FX 3000	69	2155	0.41	\$166.61*
Quadro NVS 140M	69	2154	NA	NA
Quadro NVS 420	69	2149	0.47	\$150.00*
Radeon X1600 Pro / X1300XT	69	2153	NA	NA
RADEON X800 XL	69	2152	NA	NA
Diamond X1300-PCI-E 256MB	70	2148	NA	NA
FireGL V3300				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X300X LE	70	2144	NA	NA
FireGL V7100	71	2139	0.22	\$328.67*
M880G with Mobility Radeon HD 4225	71	2141	NA	NA
MEDION RADEON 9800 XXL	71	2140	NA	NA
Radeon X1650 SE	71	2143	NA	NA
RADEON X700 SE	71	2142	NA	NA
RADEON X700	72	2138	NA	NA
RADEON X850 PRO	72	2137	NA	NA
FireMV 2450	73	2133	NA	NA
Mobility Radeon HD 4300 Serisi	73	2136	NA	NA
Radeon 3100	73	2134	0.41	\$178.76
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X800 PRO/GTO	73	2135	NA	NA
GeForce 7350 LE	74	2132	NA	NA
Radeon X1650 GTO	74	2131	NA	NA
M860G with Mobility Radeon 4100	75	2130	NA	NA
RADEON X700 PRO	75	2129	NA	NA
GeForce 9300 GE	76	2128	3.31	\$22.99*
Radeon HD 2350	76	2127	NA	NA
GeForce 7300 GS	78	2126	NA	NA
GeForce 8100 / nForce 720a	79	2125	NA	NA
Quadro NVS 295	79	2123	1.27	\$63.00*
RADEON X800GT	79	2124	NA	NA
GeForce 7300 LE	80	2122	2.50	\$32.00*
Quadro FX 540	80	2121	1.35	\$59.99*
GeForce 8400	81	2117	0.14	\$589.99*
GeForce 9100	81	2111	NA	NA
GeForce 9300 SE	81	2115	NA	NA
MOBILITY FireGL V5000	81	2114	NA	NA
Mobility Radeon 4100	81	2119	NA	NA
Mobility Radeon X2500	81	2113	NA	NA
nForce 980a/7c				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X850 X1 Platinum Edition	81	2112	NA	NA
Radeon HD 3200	82	2110	NA	NA
GeForce 999 GTX	83	2106	NA	NA
Intel Q35 Express	83	2108	NA	NA
nForce 750a SLI	83	2109	NA	NA
Quadro FX 370	83	2107	0.67	\$125.00*
ALL-IN-WONDER X800 GT	84	2102	NA	NA
FireGL V3200	84	2099	NA	NA
GeForce 9300M G	84	2101	NA	NA
ION	84	2104	0.37	\$229.99*
Radeon X1300 PRO	84	2103	NA	NA
Radeon X1650 Pro	84	2100	0.53	\$160.89*
RADEON X800 GT	84	2105	NA	NA
Quadro FX 350	85	2098	NA	NA
GeForce 6600	86	2097	0.33	\$264.00*
Quadro FX 360M	86	2096	NA	NA
GeForce 9300M GS	87	2095	2.02	\$43.42*
GeForce 6610 XL	88	2094	NA	NA
GeForce 7500 LE	89	2093	NA	NA
GeForce 8600M GT	89	2090	0.83	\$108.10*
Matrox G200eW3 WDDM 2.0	89	2092	NA	NA
Mobility Radeon HD 2400	89	2091	NA	NA
Mobility Radeon HD 4200	90	2089	NA	NA
GeForce 8600 GS	91	2085	NA	NA
GeForce G205M	91	2087	NA	NA
Mobility Radeon HD 3450	91	2088	NA	NA
RADEON X600XT	91	2086	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V5100	92	2082	0.81	\$114.96*
M880G with Mobility Radeon HD 4200	92	2081	NA	NA
Mobility Radeon HD 4270	92	2080	NA	NA
Mobility Radeon				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Mobility Radeon HD 3470 Hybrid XL	93	2070	NA	NA
Quadro FX 370M	93	2079	NA	NA
Radeon HD 6250	93	2077	NA	NA
MEDION RADEON X740XL	94	2075	NA	NA
GeForce 6700 XL	95	2074	NA	NA
Radeon HD 3000	95	2073	NA	NA
Mobility Radeon HD serie 4200	96	2072	NA	NA
GeForce 9300GE	97	2069	1.01	\$97.20*
ION LE	97	2068	NA	NA
Quadro NVS 130M	97	2071	NA	NA
RADEON X800 XT	97	2070	NA	NA
GeForce 9400	98	2064	NA	NA
Mobility Radeon HD 3430	98	2067	NA	NA
Mobility Radeon HD 4250	98	2065	NA	NA
Radeon 3000	98	2066	0.31	\$319.00*
Radeon X1600 Pro	98	2063	NA	NA
Matrox G200e WDDM 2.0	100	2062	NA	NA
GeForce 8300	101	2060	4.48	\$22.68*
Quadro FX 4000	101	2061	NA	NA
Quadro FX Go1400	101	2059	NA	NA
GeForce 6800 GS/XT	102	2056	NA	NA
GeForce 9300 GS	102	2057	1.71	\$59.95*
Mobility Radeon HD 2400 XT	102	2058	NA	NA
Quadro FX 370 Low Profile	102	2055	NA	NA
FireGL V3400	103	2053	NA	NA
GeForce 9500M	103	2052	1.02	\$101.20*
GeForce G210	103	2054	0.84	\$122.12*
GeForce 9450	104	2047	NA	NA
M880G with Mobility Radeon HD 4250	104	2050	NA	NA
Mobility Radeon X1700	104	2048	NA	NA
Quadro FX 3400/4400	104	2049	NA	NA
Quadro FX 570				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G45/G43 Express Chipset	103	2043	NA	NA
Radeon HD 6290	105	2046	NA	NA
GeForce Go 6800	106	2042	NA	NA
Radeon Infoshock 3000	106	2040	NA	NA
Radeon X1950 GT	106	2041	NA	NA
Intel Media Accelerator HD	108	2038	NA	NA
Quadro FX 370 LP	108	2039	NA	NA
GeForce 6800 LE	109	2036	NA	NA
Radeon HD 4270	109	2035	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA/S3G Chrome 645/640 GPU	109	2037	NA	NA
FireGL V7350	110	2033	0.93	\$119.42*
Radeon HD 2600 Pro AGP	110	2034	NA	NA
GeForce 210	111	2030	2.06	\$54.15*
GeForce 9200M GS	111	2031	NA	NA
Mobility Radeon HD 3400 Serisi	111	2032	NA	NA
Radeon HD 4200	111	2029	NA	NA
Radeon HD 7290	111	2028	NA	NA
FirePro 2260	112	2023	NA	NA
GeForce 310M	112	2021	NA	NA
GeForce 6800	112	2024	0.20	\$559.29*
GeForce 8400M GS	112	2026	1.44	\$78.20*
Intel HD Modded	112	2027	NA	NA
Radeon X1950 Pro	112	2022	NA	NA
Sapphire RADEON X800 GT	112	2025	NA	NA
Quadro FX 560	113	2020	0.76	\$150.25*
FireGL V5200	114	2018	0.86	\$133.40*
GeForce Go 7800	114	2017	NA	NA
NVS 3100M	114	2016	NA	NA
Radeon HD 2400 Pro	114	2019	NA	NA
RADEON X800 GTO	114	2015	NA	NA
GeForce 315M				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1000 X1	113	2011	NA	NA
FireGL V7200	116	2010	NA	NA
GeForce G210M	116	2009	NA	NA
Intel G41 Express Chipset	116	2007	NA	NA
PHDGD Quantic C3	116	2006	NA	NA
Radeon X1700 Targa Edition	116	2008	NA	NA
FireMV 2260	117	2004	1.33	\$88.08*
Mobile Intel 45 Express-Chipsatzfamilie	117	2005	NA	NA
GeForce 505	118	2002	1.03	\$115.06*
GeForce 9600M GS	118	2003	NA	NA
Qualcomm Adreno 540 GPU	118	2001	NA	NA
Radeon HD 2400 XT	118	1998	NA	NA
Radeon HD 3470	118	2000	1.08	\$109.65*
RV530 PRO	118	1999	NA	NA
GeForce 310	119	1997	1.10	\$108.35*
Extreme AX850 PRO	120	1996	NA	NA
GeForce 405	120	1995	4.89	\$24.64*
GeForce 8600 GT	120	1994	0.62	\$196.00*
Quadro FX 380M	120	1992	NA	NA
Radeon HD 2400	120	1993	1.37	\$88.20*
GeForce 9500M G	121	1991	NA	NA
GeForce GT 220M	121	1989	NA	NA
NVS 300	121	1990	1.93	\$62.97*
Quadro FX 380 LP	122	1986	NA	NA
Radeon HD 4250	122	1987	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6310	122	1988	NA	NA
GeForce 6800 XT	123	1984	NA	NA
GeForce G105M	123	1982	NA	NA
Intel Haswell HD - GT1	123	1985	NA	NA
Radeon HD 7290M	123	1983	NA	NA
GeForce 8700M				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quaicom Areno b18 GPU	123	1310	NA	NA
GeForce 205	126	1977	NA	NA
GeForce 9300	126	1975	2.15	\$59.00*
Radeon HD 3300	126	1976	NA	NA
All-in-Wonder X1900	127	1974	NA	NA
GeForce Go 7600	127	1973	NA	NA
FireGL V7300	128	1972	0.11	\$1,189.99*
GeForce 9300 / nForce 730i	128	1970	NA	NA
Radeon HD 7310	128	1971	NA	NA
GeForce 8500 GT	129	1969	NA	NA
RADEON X800 SE	129	1968	NA	NA
MOBILITY RADEON X1800	130	1966	NA	NA
Radeon HD 4350	130	1967	1.27	\$102.24*
Quadro FX 1600M	131	1965	0.87	\$149.90*
VIA/S3G C-645/640 GPU	132	1964	NA	NA
Radeon R5 220	133	1963	1.56	\$85.26*
EAH5450	134	1960	1.22	\$109.99*
GeForce 7650 GS	134	1962	NA	NA
GeForce 9500M GS	134	1961	NA	NA
GeForce 9800 GT 1024MB	134	1959	NA	NA
Intel B43 Express Chipset	134	1958	NA	NA
Mobility Radeon X1900	134	1957	NA	NA
Mobility Radeon HD 4330	135	1956	NA	NA
RDPDD Chained DD	135	1955	NA	NA
GeForce 7300 GT	136	1952	0.91	\$149.99*
GeForce 9600M GT	136	1951	1.75	\$78.20*
GeForce G200	136	1954	NA	NA
Radeon HD 5450	136	1953	1.44	\$94.96*
GeForce 9650M GT	137	1949	1.17	\$117.30*
GeForce Go 6800 Ultra	137	1947	NA	NA
Quadro NVS 160M	137	1948	NA	NA
Radeon X1900				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Intel Haswell HD - G1Z	139	1344	NA	NA
NVS 2100M	139	1943	NA	NA
Mobility Radeon HD 3650	140	1941	1.91	\$73.53*
nForce 760i SLI	140	1942	NA	NA
Radeon HD 4290	140	1938	NA	NA
Radeon HD 6290M	140	1940	NA	NA
RADEON HD 6350	140	1937	2.39	\$59.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1800 GTO	140	1939	NA	NA
Mobility Radeon HD 4570	141	1936	1.87	\$75.90*
FirePro 2270	142	1934	1.06	\$134.00*
GeForce 6800 GT	142	1935	NA	NA
GeForce 6600 GT	143	1931	2.21	\$64.95*
GeForce 9200M GE	143	1932	NA	NA
Radeon HD 6300M	143	1933	NA	NA
GeForce 9400 GT	144	1930	0.91	\$159.99*
Radeon X1900 GT	145	1929	NA	NA
GeForce GT 130M	146	1928	NA	NA
S3 5400EW	146	1927	NA	NA
GeForce Go 7700	147	1924	NA	NA
Radeon HD 6320	147	1925	0.27	\$554.99*
ZX Chrome 645/640 GPU	147	1926	NA	NA
Mobility Radeon HD 4350	148	1923	NA	NA
Quadro 400	148	1922	0.70	\$211.00*
Quadro FX 3450	148	1921	1.24	\$119.99*
GeForce 8600 GTS	149	1920	0.62	\$241.99*
GeForce 305M	150	1917	NA	NA
GeForce 8400 GS	150	1918	1.75	\$85.97*
Quadro FX 1700	150	1916	0.43	\$350.14*
Radeon HD 3650 AGP	150	1919	0.81	\$185.00*
Radeon X1950 CrossFire Edition	151	1915	NA	NA
GeForce GT 1Z				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3670	134	1911	NA	NA
GeForce 8200	155	1909	NA	NA
Radeon HD 4300/4500 Serisi	155	1910	NA	NA
GeForce 9500 GT	156	1908	1.82	\$85.99*
Quadro FX 580	156	1907	1.20	\$130.00*
GeForce 7600 GS	157	1906	0.90	\$175.00*
Quadro FX 380	157	1905	2.17	\$72.50*
GeForce 315	158	1904	4.80	\$32.99*
Radeon HD 8350	162	1903	1.63	\$99.81*
Intel HD manual-gen9_2015-133271	165	1901	NA	NA
Radeon HD 7350	165	1902	NA	NA
Radeon HD 7310M	166	1900	NA	NA
GeForce G102M	167	1899	NA	NA
Mobility Radeon HD 2600	167	1898	NA	NA
GeForce 9200	168	1897	NA	NA
GeForce GT 120	168	1896	5.63	\$29.99*
GeForce GT 325M	169	1894	NA	NA
Quadro FX 1500	169	1895	1.48	\$115.01*
FirePro 2460	170	1893	2.03	\$83.99*
Quadro FX 770M	170	1891	0.32	\$527.00*
Radeon HDG 4670	170	1892	NA	NA
Quadro FX 1500M	171	1890	NA	NA
Intel Q965/Q963 Express	172	1889	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1700M	172	1888	NA	NA
Mobility Radeon HD 530v	174	1886	NA	NA
Radeon HD 7310 - Carte graphique	174	1887	NA	NA
GeForce Go 7900 GS	176	1885	NA	NA
GeForce 7800 GS	177	1884	NA	NA
FirePro 3D V3700	178	1883	2.10	\$84.99*
FireGL V3600	179	1880	1.12	\$160.99*
Quadro FX 345				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7310G	100	1010	NA	NA
Mobility Radeon HD 5430	181	1877	NA	NA
GeForce G100	184	1876	9.24	\$19.99*
Radeon HD 8210	184	1875	NA	NA
Intel 2nd Generation SandyBridge HD	185	1874	NA	NA
GeForce 9500 GS	187	1873	NA	NA
Mobility Radeon HD 540v	188	1872	NA	NA
NVS 5100M	188	1871	NA	NA
GeForce 6800 GS	191	1869	NA	NA
Mobility Radeon HD 2600 XT	191	1868	NA	NA
Mobility Radeon HD 4550	191	1870	NA	NA
Radeon HD 6430M	192	1867	NA	NA
Intel Infoshock HD	193	1865	NA	NA
Radeon HD 8210E	193	1866	NA	NA
Radeon HD 7340G	196	1864	NA	NA
Radeon HD 6320M	198	1862	NA	NA
Radeon HD 6450	198	1863	2.23	\$89.00*
Mobility Radeon HD 545v	199	1860	NA	NA
RADEON HD7450	199	1861	8.95	\$22.25*
Radeon HD 6380G	200	1859	0.50	\$399.99*
GeForce 7950 GX2	201	1858	3.67	\$54.99*
GeForce GT 240M	203	1857	NA	NA
Barco MXRT 1450	205	1855	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1856	NA	NA
Radeon R3E	205	1854	NA	NA
Intel Q45/Q43 Express Chipset	206	1853	NA	NA
Radeon HD 4650 AGP	207	1852	NA	NA
GeForce 9700M GT	208	1850	NA	NA
Quadro NVS 320M	208	1851	NA	NA
GeForce 320M	209	1848	NA	NA
GeForce Go 7800 GTX	209	1849	NA	NA
GeForce Go 76				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R2E	212	1044	NA	NA
GeForce GT 330M	213	1842	NA	NA
Intel HD 2000	213	1843	NA	NA
GeForce GT 220	214	1840	5.36	\$39.99*
Mobility Radeon HD 5450	214	1841	NA	NA
Video Card				
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon. HD 5470	215	1838	NA	NA
Quadro FX 880M	215	1839	NA	NA
Radeon HD 6320 Graphic	216	1837	NA	NA
GeForce 7600 GT	217	1836	1.09	\$199.00*
Quadro FX 2500M	217	1834	12.45	\$17.50*
Radeon HD 8250	217	1835	NA	NA
Mobility FireGL V5725	219	1833	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1832	NA	NA
Radeon HD 7340M	221	1831	NA	NA
Radeon R5 230	221	1830	2.74	\$81.10*
Intel G965 Express	222	1829	NA	NA
GT 430	223	1828	1.56	\$142.88*
Radeon HD 7450	225	1827	4.51	\$49.99*
Quadro FX 4500	227	1826	1.34	\$169.00*
Radeon HD 6470M	227	1825	0.40	\$569.99*
Quadro NVS 290	228	1824	3.86	\$59.00*
Radeon E6465	231	1823	NA	NA
Mobility Radeon HD 3670	232	1822	NA	NA
Quadro FX 570	232	1821	2.03	\$115.00*
Radeon HD 8240	234	1820	NA	NA
Mobile Intel HD	235	1818	0.49	\$479.98*
Radeon HD 4550	235	1819	1.51	\$156.00*
Mobility Radeon HD 5470	236	1816	NA	NA
Quadro FX 4500 X2	236	1817	NA	NA
Radeon HD 6410D	236	1814	NA	NA
Radeon HD 821				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 5500	242	1011	0.12	\$1,999.00*
GeForce 7800 GT	244	1810	3.05	\$80.00*
Radeon R2	244	1809	NA	NA
NVS 310	246	1808	3.97	\$62.06*
GeForce 7900 GT/GTO	247	1807	NA	NA
Radeon HD 7640G + 8600M Dual	249	1806	NA	NA
GeForce GT 415	251	1805	NA	NA
Radeon HD 8470	251	1804	NA	NA
GeForce 7900 GS	253	1802	NA	NA
Quadro NVS 510M	253	1803	NA	NA
GeForce 510	254	1800	3.64	\$69.99*
Radeon HD 6370D	254	1801	NA	NA
Intel HD 3000	255	1799	0.27	\$945.00*
Radeon HD 6480G	256	1798	NA	NA
GeForce 410M	257	1797	NA	NA
Radeon HD 8330	257	1796	NA	NA
GeForce 7900 GT	258	1795	1.30	\$199.00*
Quadro FX 3500	259	1794	3.77	\$68.98*
Radeon HD 6450A	260	1793	NA	NA
Radeon HD 8280	260	1792	NA	NA
Radeon HD 8400	261	1791	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 7950 GTX	263	1789	NA	NA
Radeon HD 8490	263	1790	2.92	\$89.99*
Mobility Radeon HD 550v	266	1788	NA	NA
Radeon HD 8330E	266	1787	NA	NA
Radeon HD 7400G	267	1786	NA	NA
Radeon HD 5470	268	1785	NA	NA
Radeon HD 8280G	269	1784	NA	NA
GeForce 9650M GS	270	1783	NA	NA
GeForce Go 7900 GTX	270	1782	NA	NA
Radeon HD 63				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9700M G13	210	1110	NA	NA
NVS 4200M	278	1777	0.70	\$399.00*
Radeon HD 7480D	278	1776	NA	NA
GeForce GT 520M	280	1775	9.35	\$29.95*
GeForce 9600 GS	281	1773	NA	NA
GeForce GT 520MX	281	1774	NA	NA
Qualcomm Adreno 630 GPU	282	1771	NA	NA
Radeon HD 2600 XT	282	1772	1.78	\$159.00*
Mobility Radeon HD 5165	284	1770	NA	NA
GeForce GT 415M	286	1769	NA	NA
Intel HD P3000	286	1768	NA	NA
GeForce 7950 Xtreme	287	1767	NA	NA
Radeon HD 7450A	288	1766	NA	NA
Radeon HD 7470	289	1765	3.55	\$81.37*
GeForce 7800 GTX	290	1764	4.06	\$71.60*
GeForce 610M	291	1763	NA	NA
Radeon HD 2900 GT	292	1762	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1761	NA	NA
GRID K120Q	293	1760	NA	NA
Radeon R5E	296	1759	NA	NA
Intel HD 500	298	1758	NA	NA
NVS 315	299	1757	4.27	\$69.99*
Radeon HD 6520G	299	1756	NA	NA
Radeon R1E	301	1755	NA	NA
Radeon HD 8350G	304	1753	NA	NA
Radeon R3	304	1754	NA	NA
Quadro FX 3500M	306	1752	3.06	\$99.99*
GeForce GT 610	307	1751	2.20	\$139.99*
Radeon HD 7500G	307	1750	NA	NA
GeForce GT 520	308	1749	1.02	\$304.00*
Radeon HD 7420G	308	1748	NA	NA
Radeon HD 75:				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MODILITY Radeon HD 5850V	310	1744	NA	NA
GeForce 240M GT	319	1743	NA	NA
GeForce 605	319	1742	2.34	\$136.83*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V3800	320	1740	2.57	\$124.99*
RADEON HD6370D	320	1741	NA	NA
Intel UHD Graphics 600	322	1739	NA	NA
GeForce GT 230	323	1738	7.35	\$43.99*
Radeon E6460	323	1737	NA	NA
GeForce GT 120 / 9500 GT	324	1736	NA	NA
GeForce 9600 GSO	327	1735	6.54	\$49.99*
Radeon HD 7600G	327	1734	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1733	NA	NA
GeForce 9600 GSO 512	329	1731	NA	NA
Radeon HD 7450M	329	1732	NA	NA
GeForce 8800 GS	330	1730	NA	NA
Radeon HD 7540D	330	1729	NA	NA
GeForce GT 705	331	1728	1.12	\$296.76*
Radeon R5 310	331	1727	0.66	\$499.00*
Radeon HD 7600G + 8500M/8700M Dual	333	1726	NA	NA
Radeon R4	334	1725	0.84	\$396.99*
FirePro RG220	335	1724	0.52	\$650.18*
Radeon R5 235	336	1723	5.59	\$60.13*
Radeon HD 6530D	337	1722	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1721	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1720	NA	NA
Radeon HD 8310E	340	1719	NA	NA
FireGL V5600	341	1718	1.52	\$225.00*
FirePro 3D V3750	341	1716	6.71	\$50.88*
Radeon HD 6620G	341	1717	NA	NA
GeForce 7950 GT	344	1715	1.69	\$203.99*
Intel HD 4000				\$1,592.95*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
CX-1080	331	1711	NA	NA
GeForce GT 625	353	1708	NA	NA
Mobility Radeon HD 565v	353	1710	NA	NA
Radeon HD 6480M	353	1709	NA	NA
Intel HD 505	354	1707	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1706	NA	NA
Radeon HD 8510G	356	1705	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1704	NA	NA
Radeon HD 7620G	363	1702	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1703	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1700	NA	NA
Radeon HD 8470D	364	1701	NA	NA
Mobility Radeon HD 3850	365	1699	NA	NA
Radeon HD4670	365	1698	NA	NA
Matrox Millennium P690 PCIe x16	366	1697	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1696	NA	NA
Quadro FX 2700M	370	1695	3.70	\$99.95*
Radeon 3015e	370	1694	NA	NA
Intel UHD Graphics 605	372	1693	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	1692	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1691	NA	NA
Radeon HD 5550	376	1690	6.85	\$54.99*
Radeon HD 7520G + 8750M Dual	376	1688	NA	NA
Radeon HD 7600G + 6400M Dual	376	1689	NA	NA
GeForce GT 620	377	1687	2.45	\$154.00*
Quadro FX 3700	377	1685	1.77	\$213.27*
Radeon HD 6490M	377	1686	0.32	\$1,193.03*
GeForce GTX 260M	379	1684	NA	NA
Radeon HD 4670	380	1683	2.66	\$142.96*
GeForce 9800M GT	381	1681	NA	NA

Video Card Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Video Card Value (higher is better)	Price (USD)
GeForce G1 330M	304	1079	NA	NA
GeForce 7900 GTX	387	1678	NA	NA
Incredible HD	389	1677	NA	NA
Radeon HD 7600G + 7450M Dual	389	1676	NA	NA
Intel HD 5300	391	1675	NA	NA
Radeon HD 3850	392	1674	NA	NA
Radeon R5 Opteron X3216	394	1673	NA	NA
Radeon HD 8650D	396	1672	NA	NA
GeForce GT 330	397	1671	9.94	\$39.99*
Quadro FX 1800	398	1670	2.95	\$135.00*
GeForce 9800M GTS	401	1669	NA	NA
Mobility Radeon HD 4650	401	1668	NA	NA
Radeon HD 6550D	402	1667	NA	NA
GeForce 810M	404	1666	NA	NA
GeForce GT 420M	405	1665	NA	NA
RADEON E4690	405	1664	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1663	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1662	NA	NA
GeForce GTS 350M	407	1660	NA	NA
Radeon HD 7470M	407	1661	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1659	NA	NA
Radeon HD 8550G	410	1658	NA	NA
Radeon R5 M230	415	1657	NA	NA
Quadro FX 2800M	416	1656	2.19	\$190.00*
Radeon HD 8500M	418	1655	NA	NA
GeForce 8800 GTS	419	1653	5.25	\$79.99*
Intel 4th Generation Haswell HD	419	1654	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1652	NA	NA
RADEON HD6410D	422	1651	NA	NA
GeForce GT 420	423	1649	2.73	\$155.00*
Radeon HD 7600G + 7550M Dual	423	1650	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8610G	423	1040	NA	NA
Radeon HD 7570M	428	1645	NA	NA
Quadro FX 4600	430	1644	1.29	\$333.25*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3850 AGP	432	1643	NA	NA
Radeon HD 7600G + HD Dual	435	1641	NA	NA
Radeon HD 8410G	435	1642	NA	NA
GeForce GT 620M	437	1640	NA	NA
Quadro 410	441	1639	3.42	\$129.00*
Radeon HD 8570D	441	1638	NA	NA
Radeon HD 8570M	441	1637	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1635	NA	NA
Radeon HD 7650M	442	1636	NA	NA
Radeon R5 M320	444	1634	NA	NA
GeForce GT 710M	445	1633	NA	NA
PHDGD Ivy 5	445	1632	NA	NA
Radeon HD 7660G + 8600M Dual	445	1631	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1630	NA	NA
Mobility Radeon HD 5650	449	1629	NA	NA
Radeon R5 M240	449	1628	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1627	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1626	NA	NA
Radeon HD 7520G + 7650M Dual	453	1625	NA	NA
GeForce 9800M GTX	454	1624	1.38	\$328.50*
GeForce 705M	455	1623	NA	NA
Quadro FX 3700M	456	1622	0.49	\$925.00*
Radeon HD 7560D	456	1621	NA	NA
GeForce 800M	457	1619	NA	NA
GeForce GT625M	457	1620	NA	NA
Intel HD Family	459	1618	NA	NA
Radeon HD 7640G	459	1617	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 710M	461	1614	NA	NA
GeForce 8800M GTX	462	1613	NA	NA
GeForce GT 720M	462	1612	NA	NA
Mobility Radeon HD 4670	463	1610	NA	NA
Radeon 3020e	463	1611	NA	NA
FirePro V5700	464	1608	2.47	\$188.06*
GeForce 9800 GT	464	1609	6.19	\$74.99*
GeForce GT 320	464	1607	14.22	\$32.69*
Radeon HD 7550M	464	1606	NA	NA
Radeon HD 7660D + 7470 Dual	465	1605	NA	NA
SUMO 9644	465	1604	NA	NA
Quadro FX 1800M	466	1603	NA	NA
Quadro FX 3600M	466	1602	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1601	NA	NA
FirePro 3D V3800	472	1600	3.15	\$149.99*
Radeon R5 M315	473	1599	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1597	NA	NA
Radeon HD 7660G	474	1598	NA	NA
Radeon HD 8450G + 8670M Dual	474	1596	NA	NA
Radeon R6 A8-8600P	474	1595	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 710A	475	1594	NA	NA
Radeon HD 7670M	475	1593	0.75	\$629.99*
GeForce 800A	476	1592	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1591	NA	NA
Mobility Radeon HD 3870 X2	477	1589	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1590	NA	NA
GeForce GT 625M	478	1587	NA	NA
Mobility Radeon HD 5000 Serisi	478	1586	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1588	NA	NA
GeForce GT 540M	480	1585	5.46	\$87.95*
Radeon HD 86				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7400M Dual	400	1301	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1579	NA	NA
Radeon R4E	487	1580	NA	NA
GeForce 9600 GT	488	1578	7.52	\$64.99*
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1577	NA	NA
Radeon HD8530M	490	1576	NA	NA
Radeon R5 M420	492	1575	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1574	NA	NA
Radeon HD 8690A	495	1573	NA	NA
ASUS EAH4870x2	496	1572	NA	NA
Radeon HD 7500G + 7550M Dual	497	1571	NA	NA
Radeon R7 M260	497	1570	0.62	\$799.00*
SUMO 964A	497	1569	NA	NA
Radeon R7 M265DX	498	1567	NA	NA
TRINITY SCRAPPER MOBILE	498	1568	NA	NA
Mobility Radeon HD 5730	499	1566	NA	NA
GeForce 820M	500	1565	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1564	NA	NA
GeForce GTS 150M	504	1563	NA	NA
Radeon HD 7660D	504	1562	NA	NA
GeForce 9800 GTX+	506	1560	NA	NA
Radeon Vega 2	506	1561	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1559	NA	NA
Radeon Vega 3 Athlon Silver 3050e	507	1558	NA	NA
Radeon HD 7620G + 8600M Dual	508	1556	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1557	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1555	NA	NA
Radeon HD 7640G + 7610M Dual	510	1554	NA	NA
GeForce GT 240	511	1553	3.18	\$160.97*
Mobility Radeon HD 4830	511	1552	NA	NA
NVS 5200M	514	1551	NA	NA
Intel HD P4000				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670M	520	1547	NA	NA
Radeon R5 330	520	1546	1.53	\$339.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 4400	521	1545	NA	NA
Radeon 6600M	521	1544	NA	NA
GeForce GT 425M	523	1541	NA	NA
Radeon HD 7520G + 7670M Dual	523	1543	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1540	NA	NA
Radeon HD 7660G + HD 7600M Dual	523	1542	NA	NA
Quadro FX 5600	525	1539	1.78	\$295.00*
Radeon HD 8650G	525	1538	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1537	NA	NA
Radeon HD 7640G + 6400M Dual	526	1536	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1535	NA	NA
Radeon HD 8670D	531	1534	NA	NA
RADEON HD6530D	531	1533	NA	NA
Radeon R5 M255	531	1531	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1532	NA	NA
Radeon HD 8550G + 8570M Dual	532	1530	NA	NA
GRID K180Q	533	1529	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1528	NA	NA
Quadro 600	535	1527	7.05	\$76.00*
Radeon R5 240	537	1525	6.33	\$85.00*
Radeon R6 A10-8700P	537	1526	NA	NA
Mobility Radeon HD 5570	538	1523	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1524	NA	NA
GeForce GT 435M	539	1522	NA	NA
Qualcomm Adreno 675 GPU	539	1521	NA	NA
GeForce GT 630M	540	1520	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	540	1519	NA	NA
Radeon HD 7520G + 7470M Dual	542	1518	NA	NA
Quadro FX 270				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega Z Athlon Silver 3050U	544	1513	NA	NA
FirePro 3D V7750	545	1513	1.56	\$350.00*
GeForce 615	545	1511	NA	NA
Radeon HD 8450G + 8600M Dual	545	1512	NA	NA
Radeon R7 M265	545	1510	NA	NA
FirePro 3D V5700	546	1508	1.71	\$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1509	NA	NA
Mobility Radeon HD 3870	547	1507	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1506	NA	NA
Radeon R5 M335	548	1505	NA	NA
FireGL V8650	550	1504	1.84	\$298.99*
Radeon R7 7850A10-7850K	551	1503	NA	NA
GeForce GTS 250M	553	1502	NA	NA
GeForce 9800M GS	554	1500	NA	NA
GF117	554	1501	NA	NA
GeForce 820A	555	1497	NA	NA
Radeon Athlon PRO 3045B	555	1498	NA	NA
Radeon HD 3870	555	1499	7.93	\$69.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 240	556	1496	8.56	\$64.99*
Radeon HD 6570	557	1495	8.58	\$64.99*
Radeon HD 7640G + 8570M Dual	558	1494	NA	NA
Radeon HD 7640G + 8670M Dual	558	1493	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1492	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1491	NA	NA
GeForce GT 635M	561	1490	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1489	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1488	NA	NA
Radeon R7E	564	1487	NA	NA
Radeon HD 6610M	565	1486	NA	NA
Radeon HD 8550D	566	1485	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7500D + 6450 Dual	500	1402	NA	NA
Quadro 1000M	570	1480	10.47	\$54.50*
Quadro 500M	570	1479	2.07	\$275.14*
Radeon R6 + R7 M265DX Dual	570	1481	NA	NA
Radeon HD 7650A	572	1477	2.19	\$262.00*
Radeon Vega 3 3020e	572	1478	NA	NA
GeForce GT 550M	573	1476	NA	NA
GeForce GT 820M	573	1475	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1472	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600	574	1474	NA	NA
Radeon R5 420	574	1473	14.39	\$39.95*
GeForce GTX 280M	575	1471	NA	NA
Intel Skylake HD DT GT2	576	1469	NA	NA
Radeon R5 A240	576	1470	NA	NA
Radeon HD 7620G + 8670M Dual	577	1468	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1467	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1466	NA	NA
Intel HD 5000	579	1464	0.93	\$625.00*
Radeon HD 8550G + 8670M Dual	579	1465	NA	NA
GeForce GT 720A	581	1463	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1462	NA	NA
Quadro FX 3800M	585	1460	NA	NA
Radeon HD 7640G + 8500M Dual	585	1459	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1461	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1457	NA	NA
Radeon R5 A6-8500P	586	1458	NA	NA
Intel HD 5500	587	1455	NA	NA
Radeon HD 7660G + 8670M Dual	587	1456	NA	NA
Radeon HD 7520G + 7610M Dual	588	1453	NA	NA
Radeon HD 7660G + 7400M Dual	588	1454	NA	NA
Radeon HD 8610G + 8600M Dual	588	1452	NA	NA
Radeon HD 76				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7600M Dual	591	1440	NA	NA
Video Card ▼				
Radeon HD 7520G + 7600M Dual	591	1440	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Surface Duo Adreno 640 GPU	592	1447	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1446	NA	NA
Radeon R7 PRO A12-8830B	593	1445	NA	NA
Qualcomm Adreno 7c+ Gen 3	594	1444	NA	NA
Radeon HD 7640G + 7470M Dual	595	1443	NA	NA
Radeon R5 M330	595	1442	NA	NA
Radeon HD 8510G + 8500M Dual	596	1441	NA	NA
Matrox C420 LP PCIe x16	597	1440	NA	NA
Radeon R7 PRO A12-8800B	597	1438	NA	NA
Radeon Vega 3 Athlon Gold 3150U	597	1439	NA	NA
Radeon HD 8610G + 8670M Dual	599	1437	NA	NA
GeForce 910M	601	1436	NA	NA
GeForce GT 430	601	1435	4.29	\$139.99*
GeForce GTS 250	601	1434	8.59	\$69.99*
Radeon R8 M365DX	601	1433	NA	NA
Radeon HD 8550G + 8500M Dual	602	1432	NA	NA
Intel HD P4600	604	1431	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1430	NA	NA
Radeon R6 M255DX	605	1429	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1428	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1427	NA	NA
Radeon R7 A360	607	1426	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1425	6.76	\$89.99*
7900 MOD - Radeon HD 6520G	610	1423	NA	NA
GeForce GT 720	610	1422	6.11	\$99.99*
Radeon HD 8610G + 8500M Dual	610	1424	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1421	NA	NA
Radeon HD 8650G + 8600M Dual	613	1420	NA	NA
GeForce 720A				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7570	610	1410	0.02	\$102.49
Radeon HD 8550G + 8600M Dual	617	1415	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1413	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1414	NA	NA
Radeon R6	619	1412	NA	NA
Radeon HD 8570 + 8670D Dual	620	1411	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1410	NA	NA
GeForce 810A	622	1409	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1408	NA	NA
Intel HD 510	625	1407	NA	NA
Radeon HD 8650G + 8500M Dual	626	1406	NA	NA
Radeon HD 2900 PRO	627	1404	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1405	NA	NA
GRID K160Q	628	1403	NA	NA
NVS 5400M	628	1402	NA	NA
Intel HD 4600	629	1401	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1400	NA	NA
GeForce GT 710	630	1399	2.52	\$249.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1397	NA	NA
Radeon HD 7660G + 7470M Dual	630	1398	NA	NA
Radeon R5 PRO A10-8730B R5_10 COMPUTE CORES 4C+6G	631	1396	NA	NA
Intel HD 515	632	1394	NA	NA
Radeon HD 7610M	632	1395	NA	NA
Intel HD P4600/P4700	633	1392	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1393	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1391	NA	NA
GeForce 9800 S	635	1388	NA	NA
GeForce GT 735M	635	1389	NA	NA
Radeon HD 8650G + 8670M Dual	635	1390	NA	NA
Radeon HD 7640G + 7400M Dual	637	1386	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K5100M	641	1304	NA	NA
GeForce 8800 Ultra	642	1383	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1382	NA	NA
Radeon HD 7640G + 7670M Dual	644	1381	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1380	NA	NA
FirePro V3900	646	1379	2.71	\$238.44*
Radeon HD 5600/5700	646	1378	NA	NA
Radeon HD 6670 + 6670 Dual	646	1377	NA	NA
FireStream 9170	647	1376	NA	NA
Radeon R5 M430	648	1375	NA	NA
GeForce GTX 285M	650	1373	NA	NA
GRID K1	650	1372	1.65	\$395.00*
SUMO 9640	650	1374	NA	NA
GeForce GTS 360M	651	1370	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1371	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1369	NA	NA
Radeon HD 7640G + 8750M Dual	654	1366	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1367	NA	NA
Radeon HD 8650G + 8570M Dual	654	1368	NA	NA
GeForce GT 140	657	1365	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1364	NA	NA
Radeon HD 2900 XT	659	1363	NA	NA
FireGL V7700	660	1362	9.43	\$69.99*
GeForce GT 555M	660	1361	3.73	\$177.20*
Radeon R7 M340	663	1360	NA	NA
Radeon HD 8550G + 8690M Dual	664	1359	NA	NA
FirePro M7740	665	1358	NA	NA
GeForce GT 530	665	1357	13.58	\$49.00*
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1356	NA	NA
GeForce GT 740A	667	1355	NA	NA
Radeon R7 PRO A10-9700B	669	1354	NA	NA
Radeon R7 A8				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8610G + R5 M200 Dual	670	1330	NA	NA
Video Card				
Radeon HD 7640G + HD 8670M Dual	677	1349	NA	NA
GeForce GTS 160M	678	1348	NA	NA
GeForce GT 630	679	1347	4.62	\$147.01*
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1346	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1345	NA	NA
Radeon Athlon Silver 3050U	680	1344	NA	NA
GRID P40-3Q	681	1343	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	682	1342	NA	NA
Radeon HD 6630M	684	1341	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1340	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1339	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1338	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	689	1337	NA	NA
Intel HD 610	690	1336	NA	NA
Radeon HD 7640G + 7700M Dual	690	1335	NA	NA
GeForce GT 640M LE	692	1334	0.81	\$849.99*
Radeon R5 PRO A6-9500B 2C+4G	693	1333	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1332	NA	NA
Radeon R5 A6-7480	698	1331	NA	NA
Radeon HD 7570M/HD 7670M	699	1330	NA	NA
TRINITY DEVASTATOR MOBILE	699	1329	NA	NA
NVS 510	702	1327	6.27	\$111.99*
Radeon R7 PRO A12-9800B	702	1328	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1326	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1325	NA	NA
Radeon HD 7640G + 7600M Dual	705	1323	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	705	1324	NA	NA
Radeon HD 76...	---	----	---	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quaicom Areno 680 GPU	709	1319	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1318	NA	NA
Radeon R7 A10-7800	712	1317	NA	NA
Intel HD 615	713	1316	NA	NA
Radeon Vega 3 Athlon 320GE	714	1315	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1314	NA	NA
Intel UHD Graphics 610	717	1312	NA	NA
Radeon HD 8470D + 6450 Dual	717	1313	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1311	NA	NA
Mobility Radeon HD 4870	719	1308	NA	NA
Quadro K610M	719	1309	3.00	\$240.00*
Radeon HD 7540D + 6570 Dual	719	1310	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1307	NA	NA
Radeon R7 PRO A8-8650B	721	1306	NA	NA
Mi Pad 5 Adreno 640 GPU	722	1305	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1303	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1304	NA	NA
GeForce 920M	723	1302	NA	NA
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	726	1301	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K140Q	727	1300	NA	NA
Radeon R7 A12-9700P RADEON	727	1299	1.67	\$435.92*
Radeon HD 7550M/7650M	728	1298	NA	NA
Radeon R7 A12-9720P RADEON	728	1297	1.99	\$365.48*
Radeon HD 6670	731	1296	10.60	\$68.99*
Radeon R5 A10-9620P 4C+6G	731	1295	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1294	NA	NA
GeForce GT 340	738	1292	13.93	\$52.99*
Intel Poison Ivy	738	1291	NA	NA
Radeon HD 7670M + 7670M Dual	738	1293	NA	NA
Intel UHD Grap				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G1 / 3UA	742	1201	NA	NA
Quadro K600	743	1286	12.34	\$60.24*
Radeon HD 7660G + 7670M Dual	743	1285	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1284	NA	NA
Intel Iris 5100	745	1283	NA	NA
Quadro K420	745	1280	2.77	\$269.00*
Radeon HD 7660G + 7610M Dual	745	1281	NA	NA
Radeon R7 A8-7650K	745	1282	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1279	NA	NA
Radeon HD 7640G + 7650M Dual	747	1277	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1278	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1276	NA	NA
Incredible HD 4600	749	1273	NA	NA
Radeon Athlon Gold 3150U	749	1275	NA	NA
Radeon M535DX	749	1274	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	750	1272	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1271	NA	NA
Radeon HD 6650M	754	1269	NA	NA
Radeon HD 7640G + 7450M Dual	754	1270	NA	NA
Quadro 1100M	755	1268	NA	NA
Radeon HD 7660G + 7700M Dual	757	1267	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1266	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	757	1265	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1263	NA	NA
Radeon HD 7730M	758	1264	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1262	NA	NA
Radeon HD 6450 + 8470D Dual	762	1261	NA	NA
Mobility Radeon HD 5850	763	1260	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1259	NA	NA
Radeon HD 8730M	764	1258	NA	NA
Radeon R7 M270	766	1257	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4810	709	1234	NA	NA
GeForce GT 440	770	1253	3.43	\$225.00*
Radeon R5 PRO A6-9500E 2C+4G	770	1252	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 730A	771	1250	NA	NA
Radeon R7 M365X	771	1251	NA	NA
Mobility Radeon HD 5000	773	1248	NA	NA
Radeon HD 7600M + 7600M Dual	773	1246	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1247	NA	NA
Radeon R7 A10-8850	773	1249	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1245	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1244	NA	NA
Quadro 2000M	781	1241	3.40	\$229.74*
Radeon R7 A365	781	1243	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1242	NA	NA
Radeon R7 A10-7700K	782	1240	NA	NA
GeForce 825M	783	1238	NA	NA
Quadro K1000M	783	1239	11.20	\$69.95*
Radeon R7 A8-7600	785	1237	NA	NA
Radeon HD 8650G + 8750M Dual	786	1236	NA	NA
Radeon 535DX	788	1235	NA	NA
GeForce GT 740M	791	1234	NA	NA
GRID M10-0Q	795	1232	NA	NA
Radeon HD 8550G + 8750M Dual	795	1231	NA	NA
Radeon Ryzen 3 3250U	795	1233	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1230	NA	NA
Radeon R8 M445DX	796	1229	NA	NA
GeForce 9800 GX2	797	1228	4.09	\$195.00*
Quadro FX 3800	798	1226	3.08	\$259.13*
Radeon HD 6800M	798	1225	NA	NA
Radeon R7 PRO A10-9700	798	1227	NA	NA
Radeon HD 86				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + 8600/8700M Dual	802	1221	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	809	1220	NA	NA
GeForce GT 445M	811	1219	NA	NA
Radeon HD 8670D + 7000 Dual	811	1218	NA	NA
Radeon HD 7670	813	1217	NA	NA
Radeon R9 M280X	813	1216	NA	NA
GeForce GT 730M	814	1215	NA	NA
Radeon R7 A10 Extreme Edition	816	1214	NA	NA
Radeon R7 M260DX	816	1213	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1212	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1211	NA	NA
Radeon HD 7540D + 7500 Dual	821	1210	NA	NA
Radeon R7 A8-7680	821	1209	NA	NA
Radeon HD 3850 X2	822	1208	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1207	NA	NA
Radeon Vega 3 Ryzen 3 3250U	824	1206	NA	NA
Radeon R7 PRO A10-8770E	826	1205	NA	NA
GRID M60-0Q	827	1204	NA	NA
Radeon R7 A8-9600 RADEON	828	1203	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 FX-8800P	829	1202	NA	NA
Intel HD 5200	830	1201	NA	NA
Radeon HD 7660G + 7600M Dual	831	1200	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1199	NA	NA
GeForce GT 635	832	1197	12.44	\$66.94*
Radeon HD 7520G + HD 7500/7600 Dual	832	1198	NA	NA
GeForce GT 730	833	1195	7.58	\$109.99*
Radeon HD 7560D + 6570 Dual	833	1196	NA	NA
Radeon HD 4830	835	1193	13.93	\$59.99*
Radeon HD 6650A	835	1194	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1192	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10 PRO-7800B	843	1109	NA	NA
GeForce 920A	846	1188	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1186	NA	NA
Radeon Vega 3 Ryzen 3 3200U	847	1187	NA	NA
Radeon R7 A8-7670K	848	1185	NA	NA
Radeon R7 A10-8750	849	1184	NA	NA
Radeon R5 435	850	1182	NA	NA
Radeon R7 A10-7890K	850	1183	NA	NA
Radeon HD 8500M/8700M	852	1181	NA	NA
FirePro 3D V4800	853	1178	5.33	\$159.99*
Radeon R5 A6-9500 2C+6G	853	1179	NA	NA
Radeon R7 A8-7500 4C+6G	853	1180	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1177	NA	NA
Radeon 520	856	1176	9.52	\$89.99*
Radeon Vega 3 Athlon 300U	859	1175	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1174	NA	NA
Intel HD 6000	863	1173	NA	NA
Mobility Radeon HD 4850	866	1172	NA	NA
Intel HD 520	868	1170	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1171	NA	NA
Radeon R7 G	869	1169	NA	NA
Radeon E6760	876	1168	3.65	\$239.99*
Radeon R7 PRO A12-9800	877	1167	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1166	NA	NA
FirePro W2100	882	1164	14.96	\$59.00*
Radeon R7 A10 PRO-7850B	882	1165	NA	NA
Radeon HD 8650G + 7670M Dual	883	1163	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1162	NA	NA
Radeon Vega 3	890	1161	0.33	\$2,677.99*
7900 MOD - Radeon HD 6550D	892	1158	NA	NA
Intel UHD Graphics 617	892	1159	NA	NA
Qualcomm Adr				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7	897	1130	NA	NA
Radeon R7 + R5 Dual	897	1155	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-8770	899	1153	NA	NA
Barco MXRT 2600	900	1152	4.52	\$199.00*
Barco MXRT 7400	900	1151	9.10	\$99.00*
Radeon HD 8550G + 7600M Dual	901	1150	NA	NA
Radeon R7 PRO A12-8870	904	1149	NA	NA
Radeon R7 M440	905	1148	NA	NA
Radeon R7 240	906	1147	8.24	\$109.99*
Radeon R7 A8-7500	907	1146	NA	NA
Radeon HD 4770	908	1145	15.14	\$59.99*
GRID M6-0B	911	1143	NA	NA
Radeon 6750M	911	1144	NA	NA
GRID K220Q	912	1142	NA	NA
Radeon R7 A8-8650	912	1141	NA	NA
Radeon R7 A12-9800E RADEON	913	1140	6.56	\$139.19*
Radeon R7 240 + HD 8570D Dual	917	1139	NA	NA
GeForce GT 640M	919	1138	NA	NA
Radeon R7 PRO A12-8870E	920	1137	NA	NA
Intel HD Graphics 620	925	1135	NA	NA
Intel Iris Pro 6100	925	1136	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	925	1134	NA	NA
Radeon R5 430	926	1133	15.70	\$59.00*
Radeon R7 A10-7860K	926	1132	NA	NA
GeForce GT 645M	927	1131	NA	NA
FirePro M4150	928	1129	NA	NA
Radeon R7 A10-9700 RADEON	928	1130	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1128	NA	NA
Radeon HD 4850	931	1126	2.46	\$378.00*
Radeon HD 7660G + 7730M Dual	931	1127	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 3 A1010 PRO 300GE w/	933	1123	NA	NA
Radeon HD 6750M	937	1122	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1121	NA	NA
Radeon R7 M445	943	1120	1.27	\$744.00*
Radeon HD 6670/7670	945	1117	NA	NA
Radeon HD 7640G + 7690M Dual	945	1118	NA	NA
Radeon R7 PRO A10-8850B	945	1119	NA	NA
Radeon HD 8570	946	1116	9.60	\$98.68*
Quadro 2000	947	1114	4.44	\$213.23*
Quadro CX	947	1115	6.32	\$149.95*
Radeon HD 8570 + HD 7660D Dual	949	1113	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1112	NA	NA
Radeon R6 Opteron X3418	955	1111	NA	NA
Radeon R7 PRO A12-9800E	957	1110	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1109	NA	NA
Radeon HD 6770M	964	1108	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1107	NA	NA
Radeon R7 A10-9700E RADEON	968	1106	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1105	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-9700E	971	1104	1.84	\$529.00*
Radeon HD 8850M	973	1103	NA	NA
Quadro 2000D	974	1101	6.96	\$140.00*
Radeon HD 8670D + 8570 Dual	974	1102	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1100	NA	NA
Radeon R7 A10-7850K	978	1099	NA	NA
Radeon R9 M375	979	1098	NA	NA
Radeon HD 8750M	980	1097	NA	NA
Radeon HD 7560D + 7560D Dual	982	1096	NA	NA
Radeon HD 8690M	984	1095	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1094	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4800	991	1091	4.80	\$204.00
Radeon R7 A265	993	1090	NA	NA
Intel HD 530	994	1089	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1088	NA	NA
Radeon R7 M260X	997	1087	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1086	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1085	NA	NA
Radeon R7 340	1000	1084	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1083	NA	NA
Radeon HD 7690M	1003	1082	NA	NA
GeForce 830M	1005	1081	NA	NA
Radeon HD 7690M XT	1009	1080	NA	NA
GeForce 930M	1012	1078	NA	NA
Qualcomm Adreno 690 GPU	1012	1079	NA	NA
Quadro K2000M	1013	1076	7.03	\$144.04*
Radeon 530	1013	1077	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1075	NA	NA
Radeon HD 6700M	1016	1074	NA	NA
Radeon Vega 3 Athlon 3000G	1016	1073	NA	NA
Quadro 3000M	1019	1072	14.56	\$69.99*
Radeon HD 8670D + R7 240 Dual	1020	1071	NA	NA
Radeon R7 + R5 330 Dual	1028	1070	NA	NA
Radeon HD 8600/8700M	1029	1069	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1068	NA	NA
Radeon Vega 3 Mobile	1034	1067	NA	NA
FirePro W4170M	1036	1066	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1065	NA	NA
Intel UHD Graphics 620	1042	1064	NA	NA
Radeon HD 6750	1044	1062	13.05	\$79.99*
Radeon Vega 3 Athlon 300GE	1044	1063	NA	NA
Radeon R7 + R7 240 Dual	1045	1061	NA	NA
Radeon R7 A1;				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
OPAL X1/GL	1055	1057	NA	NA
Firepro M4100	1059	1056	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7700M Dual	1060	1055	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1054	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1053	NA	NA
Radeon 535	1071	1052	NA	NA
Radeon Ryzen 5 3450U	1074	1051	NA	NA
Radeon R7 250	1075	1050	5.66	\$189.97*
Radeon R7 + R7 200 Dual	1077	1049	NA	NA
GeForce 920MX	1078	1048	NA	NA
Barco MXRT 5450	1079	1047	5.40	\$199.99*
Intel UHD Graphics 710	1079	1046	NA	NA
MIRRORV3	1080	1045	NA	NA
Mobility Radeon HD 5870	1082	1044	NA	NA
Radeon 625	1084	1043	NA	NA
GeForce 840M	1086	1042	NA	NA
Quadro K1100M	1088	1041	3.37	\$322.99*
Radeon R7 M460	1090	1040	NA	NA
GeForce GTX 850M - MODDED	1091	1039	NA	NA
Radeon R7 M350	1092	1038	NA	NA
GeForce GT 745M	1093	1037	NA	NA
Radeon R7 M465	1095	1036	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1035	NA	NA
RadeonT 610M	1097	1034	NA	NA
GeForce GT 545	1099	1033	19.78	\$55.59*
Quadro 2100M	1100	1032	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1031	NA	NA
GeForce 940A	1106	1030	NA	NA
Intel HD 630	1106	1029	NA	NA
Radeon 610M	1113	1028	NA	NA
Radeon R7 A10				NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M417U	1119	1024	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1023	NA	NA
Radeon R7 430	1121	1022	7.45	\$150.58*
GeForce 940M	1122	1021	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1020	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1019	NA	NA
Radeon HD 4850 X2	1132	1018	NA	NA
Radeon R9 M265X	1134	1017	NA	NA
GeForce 830A	1138	1016	NA	NA
Radeon HD 8850M / R9 M265X	1139	1015	NA	NA
Intel HD P530	1153	1014	NA	NA
Intel Coffee Lake UHD	1158	1013	NA	NA
Barco MXRT 5400	1161	1012	5.72	\$203.00*
Radeon HD 5750	1161	1011	16.60	\$69.99*
Quadro K620M	1162	1010	NA	NA
FireStream 9250	1164	1009	NA	NA
Firepro W4190M	1167	1008	NA	NA
Radeon R7 Opteron X3421	1168	1007	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M500M	1173	1006	NA	NA
FirePro V5800	1175	1005	22.18	\$53.00*
GeForce GT 640	1178	1004	10.71	\$109.99*
GeForce 840A	1179	1002	NA	NA
NVS 810	1179	1003	1.89	\$624.99*
Intel HD P630	1184	1001	NA	NA
Intel Iris Pro 5200	1190	1000	NA	NA
Radeon R7 +8G	1190	999	NA	NA
Radeon HD 7750M	1191	998	NA	NA
GeForce GPU	1192	997	NA	NA
N16P-GX	1204	994	NA	NA
Radeon HD 7660D + 7540D Dual	1204	995	NA	NA
Radeon R9 M2				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1050Ti	1200	991	NA	NA
GeForce GTX 295	1206	992	7.54	\$159.99*
Radeon HD 8790M / R9 M290X	1210	989	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	988	NA	NA
Quadro FX 5800	1223	987	4.46	\$274.00*
GeForce GTX 260	1224	986	15.31	\$79.99*
GeForce GTX 760A	1226	985	NA	NA
GeForce GT 745A	1228	984	NA	NA
FirePro 3D V5800	1231	983	6.04	\$204.00*
Radeon R7 + R7 250 Dual	1232	982	NA	NA
Radeon R7 + R5 340 Dual	1234	981	NA	NA
GeForce GTX 460M	1236	980	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	979	NA	NA
Radeon HD 7660D + 6670 Dual	1238	978	NA	NA
Quadro 2000 D	1239	976	NA	NA
Radeon HD 8570D + 6570 Dual	1239	977	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1240	975	NA	NA
GeForce GTX 560M	1241	974	NA	NA
Intel UHD Graphics 630	1243	973	NA	NA
Radeon HD 6770	1248	972	4.71	\$264.99*
Intel Iris 540	1258	970	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	971	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	969	NA	NA
GeForce 930A	1267	968	NA	NA
FirePro V5900	1269	967	14.77	\$86.00*
FirePro 3D V8750	1271	966	1.03	\$1,230.99*
Radeon 630	1271	965	NA	NA
Radeon R7 A370	1281	964	NA	NA
GeForce 930MX	1293	963	NA	NA
GeForce GTX 280	1299	961	2.49	\$522.78*
Radeon Vega 6 Ryzen 3 3300U	1299	962	NA	NA
TENSOR 1.0 D				NA

Video Card Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Video Card Value (higher is better)	Price (USD)
Radeon HD 4870 X2	1309	957	NA	NA
Radeon R7 PRO A8-8670E	1309	956	NA	NA
Radeon Vega 6	1311	955	0.73	\$1,799.99*
FirePro M5950	1314	954	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	953	NA	NA
GeForce GTS 450	1323	952	16.55	\$79.99*
GeForce GT 750M	1324	951	NA	NA
Quadro 4000M	1328	950	5.72	\$232.06*
FireStream 9270	1341	949	NA	NA
Radeon HD 5770	1342	948	7.07	\$189.99*
Radeon HD 7560D + HD 7700 Dual	1346	947	NA	NA
Intel Iris Plus 640	1347	946	NA	NA
Ryzen 3 4300U with Radeon Graphics	1351	945	NA	NA
Radeon 610M Ryzen 9 7945HX	1354	944	NA	NA
Quadro K2100M	1360	943	3.27	\$415.99*
Radeon 540	1361	941	NA	NA
Radeon HD 8670D + 6670 Dual	1361	942	NA	NA
FirePro M40003	1364	940	NA	NA
Radeon HD 4870	1366	939	17.08	\$79.99*
Radeon HD 7850M	1372	938	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	937	NA	NA
Radeon Ryzen 3 PRO 5475U	1383	936	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1385	935	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1394	934	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	933	NA	NA
FirePro W5130M	1409	931	NA	NA
Radeon Pro WX 4170	1409	932	NA	NA
GeForce GTX 275	1414	930	3.28	\$431.72*
Radeon R7 M370	1417	929	NA	NA
Radeon 540X	1424	927	NA	NA
Radeon Vega 8				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1080	1430	924	18.11	\$78.99*
Radeon Ryzen 3 PRO 4355GE	1431	923	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	922	NA	NA
Intel Iris 650	1432	921	NA	NA
Radeon Ryzen 7 3700U	1433	920	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	919	NA	NA
Radeon Eng Sample: 100-00000085-40_35/24_Y	1440	918	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	917	NA	NA
GeForce MX110	1446	916	NA	NA
Radeon 550X	1451	915	NA	NA
Radeon R9 255	1456	914	4.23	\$344.16*
Intel Iris Pro Graphics 6200	1461	913	NA	NA
Radeon R7 FX-9830P RADEON	1471	912	NA	NA
Intel UHD Graphics	1478	910	NA	NA
Quadro 4000	1478	911	1.47	\$1,008.09*
Radeon R9 M365X	1481	909	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1481	908	NA	NA
Radeon Ryzen Embedded R2514	1482	907	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	906	NA	NA
Radeon RX Vega 8	1487	905	NA	NA
Radeon Ryzen 3 7330U	1488	904	NA	NA
GeForce GT 740	1490	903	6.29	\$236.99*
Radeon Vega 10 Mobile	1490	902	NA	NA
Radeon HD 6670 + 7660D Dual	1492	901	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	900	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1504	899	NA	NA
Radeon HD 4890	1507	897	16.76	\$89.99*
Radeon HD 7870M	1507	898	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1512	896	NA	NA
GeForce 940MX	1513	895	NA	NA
GeForce GTX 7				\$119.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen Embedded V2510	1521	891	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1528	890	NA	NA
Radeon Ryzen 3 5425U	1534	889	NA	NA
Radeon R9 M275X	1537	888	NA	NA
FirePro V8700	1538	887	9.75	\$157.88*
Radeon Ryzen 7 PRO 7745 8-Core	1539	886	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	885	NA	NA
GeForce GTX 550 Ti	1544	882	15.45	\$99.99*
Radeon R9 M370X	1544	883	1.74	\$889.00*
Radeon Vega 6 Ryzen 3 3350U	1544	884	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	880	NA	NA
Ryzen 3 5300U with Radeon Graphics	1545	881	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	879	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1554	878	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1561	877	NA	NA
Radeon Vega 10	1566	876	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1569	875	NA	NA
GeForce GTX 555	1571	874	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	873	NA	NA
Radeon R9 M275X / M375	1574	872	NA	NA
Radeon Ryzen 3 5300U	1576	871	NA	NA
Quadro K2000	1577	870	5.37	\$294.00*
Quadro K2000D	1577	869	4.64	\$339.99*
Ryzen 3 5400U with Radeon Graphics	1577	868	NA	NA
Radeon Vega 8	1584	867	12.49	\$126.86*
Intel Iris Plus 650	1589	866	NA	NA
Radeon Vega 9	1590	865	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	864	NA	NA
Seria Radeon HD 7700	1603	863	NA	NA
FirePro M4000	1604	862	22.02	\$72.83*
Radeon RX Vega11	1605	861	NA	NA
Radeon Ryzen				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce GTX 480M	1011	880	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	857	NA	NA
Intel UHD Graphics 730	1619	856	NA	NA
Radeon R7 M465X	1623	855	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1623	854	NA	NA
Intel Iris Pro P6300	1625	853	NA	NA
FirePro M4000 Mobility Pro	1628	852	NA	NA
Quadro P500	1632	851	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1634	850	NA	NA
Quadro P400	1636	849	8.14	\$201.17*
Radeon HD 8870M	1638	848	NA	NA
Radeon RX Vega 10	1641	847	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	845	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1642	846	NA	NA
Quadro K3000M	1647	844	4.04	\$407.56*
Radeon HD HD7850M	1651	843	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	842	NA	NA
Radeon R7 M380	1668	841	NA	NA
FirePro W600	1671	840	4.03	\$414.99*
Radeon RX Vega11 Ryzen 7 3750H	1674	839	NA	NA
Ryzen 3 5425U with Radeon Graphics	1677	838	NA	NA
Radeon E8860	1686	837	NA	NA
GeForce GT 755M	1687	836	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1691	835	NA	NA
Radeon HD 7750	1698	834	13.15	\$129.10
Radeon HD 6900M	1702	833	NA	NA
Radeon Ryzen 7 7700 8-Core	1707	832	NA	NA
FirePro M6000 Mobility Pro	1712	831	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1714	830	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1716	829	NA	NA
GeForce GTX 7				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Plus G4	1121	823	NA	NA
Radeon HD 5830	1731	824	6.68	\$258.99*
Radeon Ryzen 9 PRO 7945 12-Core	1731	823	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1732	822	NA	NA
GeForce GTX 670M	1736	821	NA	NA
Intel UHD Graphics 750	1737	820	NA	NA
Intel Iris Plus 655	1741	819	NA	NA
Radeon R9 M375X	1741	817	NA	NA
Radeon Ryzen 5 7600X 6-Core	1741	818	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	816	NA	NA
Firepro W5170M	1749	815	NA	NA
GeForce GTX 650	1750	814	15.91	\$109.98*
Ryzen 3 7330U with Radeon Graphics	1758	813	NA	NA
Quadro 5010M	1771	812	7.51	\$235.95*
Radeon Ryzen 3 PRO 5450U	1776	811	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + 7700 Dual	1788	810	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	809	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	808	NA	NA
Embedded Radeon E9173	1806	807	NA	NA
Matrox C900 PCIe x16	1812	806	NA	NA
Ryzen 5 4500U with Radeon Graphics	1815	805	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1817	804	NA	NA
Intel Iris Plus	1818	803	NA	NA
FirePro M6000	1820	802	5.58	\$325.99*
Radeon RX Vega 11 Processor	1822	801	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1825	800	NA	NA
MxGPU	1826	799	NA	NA
Radeon Pro WX 2100	1832	798	NA	NA
Radeon Vega 11	1832	797	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	796	NA	NA
Radeon R9 M3				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX430	1039	132	NA	NA
Radeon Ryzen Embedded V2748	1842	791	NA	NA
GeForce 945A	1852	790	NA	NA
Intel UHD Graphics 770	1854	789	NA	NA
GeForce MX130	1857	788	NA	NA
Radeon RX 540	1858	787	NA	NA
Radeon Eng Sample: 100-000000287-40_Y	1861	786	NA	NA
GeForce GTX 570M	1863	785	NA	NA
Radeon Ryzen Embedded R2544	1864	784	NA	NA
FirePro 3D V7800	1867	783	3.11	\$599.99*
Quadro M520	1870	781	NA	NA
Radeon Ryzen 5 7600 6-Core	1870	782	NA	NA
GeForce GTX 460 v2	1871	780	9.36	\$199.99*
GeForce GTX 645	1875	779	NA	NA
Radeon 550	1885	777	20.95	\$89.99
Ryzen 3 PRO 4350GE with Radeon Graphics	1885	778	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	776	NA	NA
Ryzen 5 4600U with Radeon Graphics	1893	775	NA	NA
Radeon HD 7700-serie	1899	774	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1901	773	NA	NA
Matrox C680 PCIe x16	1903	772	NA	NA
Radeon Ryzen 5 PRO 5675U	1911	771	NA	NA
GeForce GTX 560 SE	1914	770	21.27	\$89.99*
Radeon HD 7560D + 7700 Dual	1919	769	NA	NA
Radeon RX 570X	1923	768	12.57	\$153.01*
Intel Iris Xe MAX 100	1927	767	NA	NA
GeForce GTX 675M	1929	766	NA	NA
Quadro 5000	1929	765	2.62	\$735.73*
Radeon Vega 8 Ryzen 3 3200G	1930	764	NA	NA
Radeon R7 450	1937	763	6.48	\$299.00*
Radeon Vega 11 Ryzen 5 PRO 3400G	1940	762	NA	NA

Videocard Name

Passmark G3D Mark

Rank

Videocard Value

Price

USD

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 640	1930	139	NA	NA
GeForce GTX 470M	1953	758	NA	NA
Qualcomm Adreno 8cx Gen 3	1953	757	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	756	NA	NA
Quadro K4000M	1960	755	7.72	\$254.00*
Radeon R7 + HD 7700 Dual	1962	754	NA	NA
Radeon Pro WX 4130	1966	753	NA	NA
Intel Iris Xe MAX	1971	752	NA	NA
Radeon HD 6850	1973	751	23.22	\$85.00*
Intel Iris Pro 580	1977	749	NA	NA
Radeon HD 5850	1977	750	6.84	\$288.99*
Radeon R7 + R7 350 Dual	1982	748	NA	NA
Radeon Ryzen 7 PRO 5875U	1983	747	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	746	NA	NA
Ryzen 5 5625U with Radeon Graphics	1990	745	NA	NA
GeForce GTX 765M	1992	744	10.70	\$186.30*
Radeon R9 M385X	1993	743	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1994	742	NA	NA
Radeon Ryzen Embedded V2718	1998	741	NA	NA
GeForce GT 645	2005	740	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	739	NA	NA
Ryzen 5 5500U with Radeon Graphics	2008	738	NA	NA
GeForce GTX 460 SE	2010	736	12.57	\$159.99*
Radeon Pro W5500M	2010	737	NA	NA
Radeon Ryzen 5 5560U	2014	735	NA	NA
Radeon R9 350	2018	734	6.75	\$299.00*
FirePro V7800	2028	733	10.68	\$190.00*
Ryzen 7 PRO 4750U with Radeon Graphics	2029	732	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	731	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2046	730	NA	NA
Radeon Ryzen 7 4700U	2048	729	NA	NA
Radeon Ryzen				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Ryzen 3 5300GE with Radeon Graphics	2002	723	NA	NA
Ryzen 3 4300G with Radeon Graphics	2064	724	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	723	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2068	722	NA	NA
GRID M6-1Q	2069	721	NA	NA
GeForce GTX 580M	2074	720	8.34	\$248.68*
Radeon Ryzen 5 5500U	2093	719	NA	NA
Intel G35 Express	2097	718	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2099	717	NA	NA
Radeon Ryzen 5 5600U	2100	716	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2100	715	NA	NA
FirePro M5100	2102	714	NA	NA
Quadro P520	2103	713	1.40	\$1,499.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon TM R9 A360	2105	712	NA	NA
GeForce 945M	2107	711	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	710	NA	NA
Ryzen 5 5560U with Radeon Graphics	2114	709	NA	NA
Radeon RX Vega 11	2120	708	2.12	\$1,002.00*
FirePro M6100	2122	707	NA	NA
Radeon Ryzen 3 PRO 7330U	2126	706	NA	NA
Radeon Ryzen 3 PRO 7335U	2133	705	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2142	704	NA	NA
GeForce GTX 745	2144	703	7.53	\$284.95*
Quadro M600M	2147	702	8.52	\$251.99*
GRID P4-1B	2151	701	NA	NA
Radeon Ryzen 5 5625U	2152	700	NA	NA
Radeon HD 7770	2171	699	7.24	\$300.00*
Radeon RX Vega 11 Ryzen 5 3400G	2177	698	NA	NA
Ryzen 5 5600U with Radeon Graphics	2181	697	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	696	NA	NA
Intel UHD Grap				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6870	2219	692	8.07	\$279.00
GRID P100-1B	2223	691	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2226	690	NA	NA
Ryzen 7 Extreme Edition	2226	689	NA	NA
Intel Iris Pro P580	2231	688	NA	NA
Radeon Ryzen 5 7530U	2232	687	NA	NA
Quadro K620	2234	685	1.10	\$2,029.99*
Radeon Ryzen 7 7700X 8-Core	2234	686	NA	NA
Ryzen 7 5700U with Radeon Graphics	2247	684	NA	NA
Radeon RX 550X	2255	683	NA	NA
GeForce GTX 460	2261	682	25.13	\$89.99*
Intel HD 5600	2263	681	NA	NA
Radeon R7 250X	2268	680	11.70	\$194.00*
Radeon HD 6970M	2270	679	10.51	\$215.99*
Quadro K3100M	2271	678	5.68	\$399.95*
Ryzen 3 4300GE with Radeon Graphics	2272	677	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2272	676	NA	NA
GeForce MX150	2279	675	38.45	\$59.29*
FirePro V8800	2280	674	11.52	\$198.00*
Radeon Ryzen 5 PRO 5650GE	2289	673	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2294	672	NA	NA
Radeon HD 5970	2301	671	12.79	\$179.99*
FirePro V7900	2304	670	12.13	\$190.00*
Radeon Ryzen 7 4800U	2305	669	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	668	NA	NA
Radeon Ryzen 7 5700U	2307	667	NA	NA
GRID M10-1B	2309	666	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	665	NA	NA
Radeon Ryzen 5 PRO 5650G	2315	664	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 5825U with Radeon Graphics	2318	663	NA	NA
Radeon Ryzen				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRIL M1U-ZB	2333	659	NA	NA
Radeon RX Vega Ryzen 3 5300U	2334	658	NA	NA
P106-090	2342	657	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	656	NA	NA
Radeon Pro	2344	655	3.91	\$600.00*
Ryzen 5 7530U with Radeon Graphics	2355	654	NA	NA
FirePro W6150M	2358	652	NA	NA
Ryzen 7 5800U with Radeon Graphics	2358	653	NA	NA
GeForce GTX 485M	2359	651	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	650	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2362	649	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	647	NA	NA
Radeon Ryzen 7 PRO 7730U	2375	648	NA	NA
Ryzen 5 4600G with Radeon Graphics	2378	646	NA	NA
Radeon Ryzen 7 5825U	2383	645	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2398	644	NA	NA
Ryzen 7 7730U with Radeon Graphics	2399	643	NA	NA
Radeon RX Vega 11 PRD	2401	642	NA	NA
Radeon Eng Sample: 100-000000285-40_Y	2404	641	NA	NA
Radeon Ryzen 7 5800U	2406	640	NA	NA
GeForce GTX 960A	2410	638	NA	NA
Ryzen 5 5600H with Radeon Graphics	2410	639	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	636	NA	NA
Radeon Ryzen 5 5600H	2415	637	NA	NA
GeForce MX250	2424	635	NA	NA
Radeon Pro WX 3200	2427	634	15.33	\$158.35
FirePro 3D V8800	2437	633	5.74	\$424.99*
Ryzen 7 PRO 5750G with Radeon Graphics	2439	632	NA	NA
GeForce MX330	2452	631	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2458	630	NA	NA
Barco MXRT 5600	2465	629	3.50	\$704.00*
GeForce GT 1C				\$104.24

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 4700GE with Radeon Graphics	2490	623	NA	NA
Radeon Pro WX 4150	2497	624	4.09	\$610.04*
Ryzen 5 PRO 5650G with Radeon Graphics	2500	623	NA	NA
GeForce GTX 850M	2514	622	NA	NA
Radeon Pro WX 3100	2519	621	NA	NA
GeForce GTX 650 Ti	2522	620	27.11	\$93.05*
Ryzen 7 PRO 5750GE with Radeon Graphics	2523	619	NA	NA
N18E-Q1	2525	618	NA	NA
FireStream 9370	2528	617	NA	NA
Radeon Ryzen 5 5600GE	2530	616	NA	NA
Radeon HD 6850 X2	2534	615	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K240Q	2541	614	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	613	NA	NA
Radeon Ryzen 9 4900H	2565	612	NA	NA
Ryzen 5 5600G with Radeon Graphics	2584	611	NA	NA
GeForce GTX 950M	2586	609	4.56	\$567.00*
Radeon Ryzen 7 4700G	2586	610	NA	NA
Radeon Ryzen 7 5800HS	2586	608	NA	NA
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	607	NA	NA
Radeon Ryzen 7 PRO 4750G	2596	606	NA	NA
GRID T4-2B	2601	605	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	604	NA	NA
GeForce GTX 950A	2604	603	NA	NA
GRID M10-8Q	2606	602	NA	NA
Radeon Ryzen 7 4700GE	2610	601	NA	NA
Radeon HD 6950	2614	600	18.68	\$139.99*
Ryzen 7 PRO 7730U with Radeon Graphics	2634	599	NA	NA
MONSTER GeForce GTX 675M	2637	598	NA	NA
FirePro R5000	2646	597	24.06	\$109.99*
Ryzen 7 5700GE with Radeon Graphics	2656	596	NA	NA
GeForce GTX 4				\$195.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Inter Iris Xe	2009	332	NA	NA
GRID M10-2Q	2691	591	NA	NA
Barco MXRT 5500	2701	590	9.04	\$299.00*
Quadro 6000	2706	589	0.66	\$4,092.38*
Radeon RX 550	2712	588	13.60	\$199.49
Radeon HD 8950	2718	587	NA	NA
Quadro K4000	2722	586	10.08	\$270.00*
Radeon Pro 450	2722	585	NA	NA
FirePro S7150	2726	583	1.61	\$1,697.99*
FirePro V9800	2726	584	5.75	\$474.00*
Quadro K4100M	2735	582	10.47	\$261.29*
GeForce GTX 560	2736	581	13.35	\$205.00*
GRID K2	2736	580	0.61	\$4,449.99
GeForce GTX 675MX	2744	579	NA	NA
Ryzen 7 5800H with Radeon Graphics	2747	578	NA	NA
Radeon R9 M380	2762	577	NA	NA
Radeon Ryzen 9 7900X 12-Core	2774	576	NA	NA
Quadro K5000M	2779	575	5.46	\$508.91*
GeForce GTX 770M	2791	574	20.23	\$138.00*
Ryzen 7 5700G with Radeon Graphics	2792	573	NA	NA
GeForce MX350	2806	572	NA	NA
Radeon Ryzen 5 5500GT	2806	571	NA	NA
FirePro 3D V9800	2811	570	1.13	\$2,499.00*
Custom GPU 0405	2815	569	NA	NA
Quadro M620	2815	568	NA	NA
Radeon Ryzen 7 5800H	2821	567	NA	NA
FirePro W4300	2824	566	11.77	\$239.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6970	2836	565	18.91	\$149.99*
GRID K280Q	2839	564	NA	NA
Tesla C2070	2839	563	4.70	\$604.00*
FirePro M6100				NA

Video Card Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Video Card Value (higher is better)	Price (USD)
Quadro M1000M	2073	559	33.49	\$85.99*
Radeon Ryzen 5 5600GT	2881	558	NA	NA
Radeon R7 260	2891	557	32.13	\$89.99*
Ryzen 9 5900HX with Radeon Graphics	2896	556	NA	NA
Radeon Eng Sample: 100-000000300-30_Y	2906	555	NA	NA
Quadro K1200	2916	554	10.22	\$285.29*
Tesla K20Xm	2917	553	NA	NA
GRID K260Q	2949	552	NA	NA
Radeon Ryzen 9 5900H	2960	551	NA	NA
FirePro W5000	2973	550	16.16	\$184.00*
GRID M10-4Q	2976	549	NA	NA
FirePro W5100	2979	548	23.65	\$125.99*
Radeon HD 6990	3013	547	6.04	\$498.49*
Tesla C2075	3016	546	4.67	\$646.00*
GeForce GTX 860M	3024	545	26.53	\$114.00*
Radeon R9 360	3031	544	22.64	\$133.89*
GeForce GTX 560 Ti	3038	543	23.38	\$129.99*
Quadro K5100M	3071	542	2.77	\$1,108.84*
Radeon HD 7790	3090	541	22.07	\$139.99*
Radeon R7 360	3090	540	21.17	\$145.99*
GeForce GTX 470	3102	539	51.72	\$59.99*
Radeon Pro 455	3112	538	6.93	\$449.00*
Radeon Pro 555	3140	537	2.99	\$1,049.00*
FirePro V7000	3161	535	NA	NA
FirePro W7170M	3161	536	NA	NA
Tesla M10	3171	534	1.18	\$2,695.00*
Tesla C2050	3175	533	11.76	\$269.99*
Radeon R9 260	3181	532	NA	NA
Radeon R7 260X	3182	531	22.74	\$139.99*
Radeon RX 560X	3196	530	NA	NA
GRID P4-8A	3206	529	NA	NA
Ryzen 7 5800H				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M1200	3242	523	NA	NA
Radeon R9 M470X	3244	524	NA	NA
GeForce 770M	3245	523	18.34	\$176.99*
GRID T4-4Q	3260	522	NA	NA
Radeon R9 M290X	3262	521	NA	NA
GRID P100-8Q	3267	520	NA	NA
Quadro P600	3273	519	15.54	\$210.58*
Tesla K40m	3281	518	NA	NA
GRID T4-1Q	3302	517	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 590	3341	516	7.68	\$435.00*
GeForce GTX 650 Ti BOOST	3350	515	NA	NA
GRID M10-1Q	3351	514	NA	NA
GeForce GTX 750	3359	513	41.99	\$79.99*
Radeon E8870PCle	3368	512	NA	NA
Radeon HD8970M	3368	511	NA	NA
GeForce GTX 960M	3401	510	2.91	\$1,169.00*
NVIDIA A10-4Q	3424	509	NA	NA
Tesla C2050 / C2070	3428	508	NA	NA
GeForce GTX 870M	3449	507	NA	NA
GRID T4-2Q	3450	506	NA	NA
Radeon Pro 460	3452	505	NA	NA
Quadro M2000M	3463	504	16.25	\$213.16*
Quadro K2200M	3468	503	27.76	\$124.95*
Radeon Pro 560	3475	502	NA	NA
Quadro 7000	3505	501	NA	NA
GRID K520	3516	500	23.44	\$149.99*
Ryzen 5 PRO 6650U	3519	499	NA	NA
Radeon Ryzen 5 Pro 7535U	3525	498	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	497	NA	NA
Radeon Ryzen 5 6600U	3539	496	NA	NA
Radeon 740M				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M60-8Q	3300	433	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3575	491	NA	NA
GeForce GTX 775M	3593	490	NA	NA
Radeon R9 M390X	3597	489	NA	NA
Radeon RX Vega M GL	3616	488	NA	NA
Quadro P620	3623	487	6.31	\$574.55*
T400	3629	486	20.17	\$179.99*
P104-100	3640	485	12.14	\$299.99*
Radeon RX 560	3645	484	21.08	\$172.96
Radeon Ryzen 5 PRO 6650U	3652	483	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3655	482	NA	NA
Radeon Ryzen 7 4800H	3657	481	NA	NA
Radeon R9 M485X	3660	480	NA	NA
Radeon Pro 560X	3677	479	NA	NA
Ryzen 5 6600HS Creator Edition	3685	478	NA	NA
Matrox LUMA A310	3690	477	NA	NA
GRID M60-1Q	3694	476	NA	NA
T500	3711	475	NA	NA
Radeon Pro WX 4100	3717	474	7.44	\$499.99*
T400 4GB	3724	473	NA	NA
GeForce MX450	3732	472	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	471	NA	NA
Barco MXRT 7500	3753	470	12.55	\$299.00*
GeForce GTX 965M	3775	469	NA	NA
Radeon Ryzen 5 7535U	3808	468	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M60-4Q	3831	467	NA	NA
GeForce GTX 880M	3842	466	NA	NA
Radeon HD 7970M	3846	465	NA	NA
GeForce GTX 780M	3848	464	7.71	\$499.00*
Radeon HD 7850	3853	463	22.67	\$169.99*
Intel Arc A310 I				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M10U-8Q	3003	439	NA	NA
GeForce GTX 750 Ti	3902	458	44.29	\$88.11*
Radeon Ryzen 5 7535HS	3906	457	NA	NA
Radeon Eng Sample: 100-000000561-40_Y	3918	456	NA	NA
GRID P6-2Q	3925	455	NA	NA
GeForce GTX 570	3926	454	26.18	\$149.99*
Radeon Ryzen 5 6600H	3928	453	NA	NA
Quadro K5000	3987	452	16.01	\$249.00*
Quadro M2000	3992	451	15.11	\$264.24*
GeForce GTX 660	3998	450	23.81	\$167.95*
Radeon HD 7800-serie	4029	449	NA	NA
GeForce GTX 1050 with Max-Q Design	4041	448	NA	NA
Radeon PRO Ryzen 5 PRO 6650U	4066	447	NA	NA
FirePro W8000	4095	446	7.15	\$573.00*
Radeon RX 460	4101	445	24.59	\$166.81*
GeForce GTX 480	4102	444	24.14	\$169.99*
GeForce GTX 680MX	4142	443	NA	NA
GRID V100D-8Q	4155	442	NA	NA
Radeon Ryzen 7 4800HS	4190	441	NA	NA
NVIDIA A40-8Q	4220	440	NA	NA
Radeon R9 270 / R7 370	4259	439	19.98	\$213.16*
FirePro W7000	4270	438	15.36	\$278.05*
Quadro M2200	4288	437	17.15	\$249.99*
Radeon R9 270	4306	436	NA	NA
Radeon RX 5300M	4307	435	NA	NA
Quadro K4200	4324	434	17.37	\$249.00*
Radeon Ryzen 9 PRO 6950HS	4332	433	NA	NA
GRID GTX P40-6	4340	432	NA	NA
FirePro W7000 Adapter	4359	431	NA	NA
GeForce GTX 660 Ti	4405	430	30.60	\$144.00*
Radeon Ryzen 9 7950X 16-Core	4412	429	NA	NA
GRID P6-4Q				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P1000	4433	423	15.36	\$289.99*
GRID M60-1B	4456	424	NA	NA
GeForce GTX 1050 (Mobile)	4461	423	NA	NA
Radeon HD 7870 XT	4469	422	NA	NA
Tesla K40c	4494	421	NA	NA
GRID T4-8Q	4518	420	NA	NA
Radeon R7 370	4520	419	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro S7000	4523	418	18.35	\$246.54*
Radeon Pro 465	4537	417	NA	NA
Radeon Eng Sample: 100-000000560-40_Y	4551	416	NA	NA
B8DKMDAP	4557	415	NA	NA
GeForce GTX 580	4562	414	32.61	\$139.92*
Radeon Ryzen 7 6800U	4571	413	NA	NA
Radeon Ryzen 7 PRO 6860Z	4594	412	NA	NA
Radeon Ryzen 7 Pro 7735U	4609	411	NA	NA
GeForce MX550	4612	410	NA	NA
Intel Arc A370M	4625	409	NA	NA
Radeon HD 7870	4635	408	26.34	\$176.00*
Radeon Pro WX Vega M GL	4643	407	NA	NA
Radeon R9 370	4722	406	29.51	\$159.99*
Radeon Sky 500	4763	405	NA	NA
Radeon HD 7950 / R9 280	4764	404	36.04	\$132.20*
FirePro S10000	4768	403	NA	NA
GRID RTX6000P-6Q	4777	402	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4788	401	NA	NA
GeForce GTX 760	4789	400	32.15	\$149.00*
Radeon Pro Vega 16	4809	399	NA	NA
T550 Laptop GPU	4842	398	NA	NA
GRID P40-2Q	4843	397	NA	NA
Ryzen 7 6800U with Radeon Graphics	4844	396	NA	NA
Radeon R9 270				\$326.50*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
BARCO MXR1 / 6UU	4943	392	8.2U	\$602.99*
Radeon Instinct MI25 MxGPU	4978	391	NA	NA
Intel Arc	5002	390	NA	NA
GeForce GTX 1630	5004	389	26.34	\$189.99*
Ryzen 7 6800U	5006	388	NA	NA
Radeon Ryzen 7 7735H	5021	387	NA	NA
Radeon R9 M395	5023	386	NA	NA
Radeon Eng Sample: 100-000000545-40_Y	5026	385	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5042	384	NA	NA
EIZO Quadro MED-XN51LP	5048	383	NA	NA
GeForce GTX 1050	5050	382	21.13	\$239.00*
FirePro S9000	5059	381	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	380	NA	NA
Ryzen 7 PRO 6860Z	5076	379	NA	NA
GeForce GTX 1050 3GB	5136	378	NA	NA
Radeon R9 M295X	5150	377	3.55	\$1,449.00*
RadeonT 680M Ryzen 7 7735HS	5161	376	NA	NA
Q12U-1	5164	375	NA	NA
Radeon R9 M395X	5194	374	NA	NA
Radeon Ryzen 7 PRO 6850U	5198	373	NA	NA
GRID M60-2Q	5203	372	NA	NA
GeForce GTX 760 Ti	5209	371	17.51	\$297.50*
Radeon Ryzen 7 PRO 6850HS	5212	370	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8990	5214	369	NA	NA
Intel Arc A380	5219	368	41.76	\$124.99
Intel Arc Pro A40/A50	5223	367	NA	NA
Radeon Ryzen 7 7735U	5225	366	NA	NA
Ryzen 7 6800HS	5237	365	NA	NA
Radeon HD 7970 / R9 280X	5247	363	21.25	\$246.99*
Ryzen 7 6800H	5247	364	NA	NA
Quadro P2000				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V7100	5313	339	13.05	\$389.30*
Radeon Ryzen 7 6800H	5328	358	NA	NA
GeForce GTX 670	5331	357	27.48	\$193.98*
Ryzen 9 6900HX with Radeon Graphics	5336	356	NA	NA
GeForce GTX 950	5340	355	37.61	\$141.99*
Ryzen 7 6800HS Creator Edition	5345	354	NA	NA
Intel Arc A310	5356	353	48.70	\$109.99
GRID P40-4Q	5364	352	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5372	351	NA	NA
Radeon Eng_Sample: 100-000000534-40_Y	5380	350	NA	NA
Radeon Ryzen 7 7735HS	5390	349	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5425	348	NA	NA
GeForce GTX 760 Ti OEM	5427	347	NA	NA
Radeon RX 5500M	5483	346	NA	NA
GRID M60-8A	5523	345	NA	NA
GeForce GTX 680	5541	344	13.89	\$399.00*
Radeon R9 285 / 380	5549	343	11.44	\$485.00*
Quadro M3000M	5556	342	34.74	\$159.95*
Radeon R9 280	5564	341	NA	NA
Radeon HD 7990	5565	340	13.91	\$399.99*
Ryzen 9 5900HS with Radeon Graphics	5570	339	NA	NA
Ryzen 7 PRO 6850U	5580	338	NA	NA
Radeon Pro WX 5100	5585	337	15.52	\$359.99*
GeForce GTX 690	5590	336	19.90	\$280.99*
A16	5597	335	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5703	334	NA	NA
GeForce GTX 970M	5732	333	27.30	\$209.99*
Ryzen 9 PRO 6950H	5758	332	NA	NA
Radeon Ryzen 7 PRO 6850H	5767	331	NA	NA
Radeon Ryzen 7 7736U	5791	330	NA	NA
Matrox LUMA A380P	5805	329	NA	NA
Radeon 760M				NA

Video Card Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Video Card Value (higher is better)	Price (USD)
GeForce GTX 110	3920	323	23.80	\$249.00*
Tesla M6	5935	324	29.83	\$199.00*
GRID P100-16Q	5944	323	NA	NA
Radeon RX 6300	5951	322	NA	NA
Radeon Pro 5300M	5994	321	NA	NA
Video Card Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Video Card Value (higher is better)	Price (USD)
GeForce MX570	6020	320	NA	NA
Quadro K5200	6031	319	14.53	\$415.00*
GeForce GTX 960	6063	318	35.25	\$172.00*
FirePro W9000	6138	317	7.26	\$845.00*
Radeon R9 380	6152	316	68.37	\$89.99*
Quadro M4000M	6164	315	24.18	\$254.91*
GeForce GTX 1650 with Max-Q Design	6166	313	NA	NA
Radeon 680M Ryzen 7 7735HS	6166	314	NA	NA
Radeon R9 280X	6210	311	NA	NA
Tesla K80	6210	312	10.46	\$593.95*
Radeon R9 380X	6223	310	17.78	\$349.99*
Radeon Ryzen 7 6800HS	6228	309	NA	NA
Radeon Ryzen 9 PRO 6950H	6237	308	NA	NA
GeForce MX570 A	6239	307	NA	NA
GeForce GTX 1050 Ti	6314	306	13.17	\$479.61
Ryzen 9 6900HS with Radeon Graphics	6331	305	NA	NA
Radeon Pro 570	6336	304	NA	NA
P106-100	6357	303	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6417	302	NA	NA
T600	6464	301	26.94	\$239.99*
Radeon RX Vega M GH	6558	300	NA	NA
AMD Ryzen Z1 Extreme	6567	299	NA	NA
Radeon Pro WX 7130	6577	298	NA	NA
Quadro T1000	6597	297	17.93	\$367.99*
Quadro P3000	6614	296	NA	NA
RTX A4500 Err				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce GTX 970XM FORCE	6700	292	NA	NA
Quadro T1000 with Max-Q Design	6716	291	NA	NA
GRID P4-8Q	6733	290	NA	NA
Radeon Pro 5500M	6815	289	NA	NA
RTX A500 Laptop GPU	6859	288	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6867	287	NA	NA
GeForce RTX 3050 4GB Laptop GPU	6878	286	NA	NA
Quadro T2000 with Max-Q Design	6923	285	NA	NA
Quadro M5000M	6929	284	12.67	\$546.92*
Quadro P2000	6932	283	15.77	\$439.60*
GeForce GTX 1650 (Mobile)	6968	282	NA	NA
RadeonT 780M	6974	281	NA	NA
T600 Laptop GPU	7032	280	NA	NA
A10-8Q	7041	279	NA	NA
Radeon 780M	7117	278	NA	NA
Quadro T2000	7149	277	13.53	\$528.35*
Tesla P100-PCIE-16GB	7225	276	NA	NA
Radeon Pro 5300	7229	275	NA	NA
FirePro W8100	7279	274	10.34	\$704.00*
GeForce GTX 980M	7347	273	25.34	\$289.99*
Radeon Ryzen 9 6900HS	7384	272	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 9 4900HS with Radeon Graphics	7418	271	NA	NA
GRID P40-8Q	7432	270	NA	NA
Radeon RX 6400	7530	269	47.36	\$159.00
Radeon Pro 580X	7540	268	NA	NA
GeForce GTX 1650 Ti	7568	267	NA	NA
GeForce RTX 2050	7619	266	NA	NA
T1000 8GB	7626	265	NA	NA
Radeon RX 5300	7627	264	NA	NA
T1000	7667	263	17.08	\$449.00
Radeon RX 580				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Z990 Laptop GPU	7010	239	NA	NA
Radeon RX 6500	7843	258	NA	NA
Radeon RX 6500M	7863	257	NA	NA
GeForce GTX 1650	7875	256	53.04	\$148.47
GeForce GTX 1060 with Max-Q Design	7880	255	NA	NA
Radeon Pro WX 7100	7885	254	7.52	\$1,047.99*
Quadro M5500	7915	253	NA	NA
Tesla M60	7927	252	10.06	\$787.90*
Radeon PRO W6400	7955	251	NA	NA
FirePro W9100	7956	250	4.60	\$1,729.99*
Ryzen 9 6900HS	8005	249	NA	NA
GeForce GTX 780	8012	248	28.62	\$279.99*
Radeon RX 470/570	8025	247	20.63	\$388.99*
Intel Arc A730M	8033	246	NA	NA
Quadro K6000	8059	245	38.26	\$210.66*
Radeon Pro Duo	8136	244	2.05	\$3,970.36*
Radeon R9 290 / 390	8150	243	21.45	\$380.00*
GeForce GTX 1060 (Mobile)	8160	242	NA	NA
GeForce GTX Titan	8180	241	10.98	\$745.00*
Radeon R9 290	8312	240	NA	NA
Intel Arc A770M	8328	239	NA	NA
Radeon Pro 5500 XT	8358	238	NA	NA
Quadro RTX 3000 with Max-Q Design	8365	237	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	236	NA	NA
Radeon R9 290X / 390X	8389	235	26.22	\$319.99*
GRID RTX6000-1B	8473	234	NA	NA
Radeon RX590 GME	8559	233	NA	NA
Radeon RX 480	8634	232	25.40	\$339.99*
Radeon R9 295X2	8637	231	17.31	\$499.10*
GeForce GTX 1660 Ti with Max-Q Design	8639	230	NA	NA
Radeon R9 290X	8644	229	NA	NA
Radeon RX 56i				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5500	8790	223	NA	NA
Radeon RX 580	8880	224	49.34	\$179.99*
Radeon RX 6550M	8916	223	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P3200	8934	222	22.95	\$389.30*
Radeon R9 390	8943	221	NA	NA
GeForce GTX TITAN Z	8986	220	5.93	\$1,515.00*
GeForce GTX 1060 5GB	9039	219	18.52	\$487.99*
GeForce GTX TITAN Black	9049	218	17.24	\$524.99*
Quadro P4000 with Max-Q Design	9082	217	NA	NA
Radeon Pro W5500	9146	216	22.31	\$409.99*
Radeon RX 5500 XT	9162	215	50.54	\$181.29*
Quadro P3200 with Max-Q Design	9218	214	NA	NA
Radeon Pro 5600M	9313	213	NA	NA
Quadro P2200	9354	212	20.34	\$459.80*
Quadro M5000	9380	211	18.80	\$499.00*
Intel Arc Pro A60	9409	210	NA	NA
Radeon R9 390X	9438	209	NA	NA
GeForce RTX 3050 Laptop GPU	9449	208	35.00	\$269.99*
Radeon RX 590	9461	207	17.20	\$549.99*
Radeon RX 6500 XT	9515	206	56.45	\$168.56
GeForce GTX 780 Ti	9519	205	28.00	\$339.99*
RTX A1000 Laptop GPU	9576	204	NA	NA
Radeon R9 Fury	9592	203	21.65	\$443.10*
GeForce GTX 970	9646	202	40.53	\$237.99*
Radeon R9 Fury + Fury X	9741	201	21.65	\$449.99*
GeForce GTX 1060 3GB	9757	200	36.14	\$269.99*
GeForce RTX 2060 with Max-Q Design	9807	199	NA	NA
GRID P40-2B	9842	198	NA	NA
RTX A2000 Laptop GPU	9970	197	NA	NA
GeForce GTX 1070 with Max-Q Design	9980	196	NA	NA
Radeon R9 Fur				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1050 SUPER	10143	192	48.30	\$209.99
GeForce RTX 3050 Ti Laptop GPU	10168	191	NA	NA
Tesla M40	10182	190	16.97	\$600.00*
GeForce GTX 1660 Ti (Mobile)	10198	189	NA	NA
Intel Arc A750	10232	188	49.92	\$204.99
GeForce GTX 1070 (Mobile)	10465	187	NA	NA
Tesla M40 24GB	10474	186	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10491	185	NA	NA
Intel Arc A770	10548	184	32.97	\$319.99
Quadro P4200	10578	183	NA	NA
Tesla T4	10908	182	2.47	\$4,420.46*
RTX A2000 8GB Laptop GPU	10968	181	NA	NA
Radeon Pro SSG	10971	180	4.55	\$2,410.15*
GeForce GTX 980	11126	179	44.98	\$247.35*
Quadro RTX 3000	11181	178	NA	NA
Radeon RX 7600M XT	11256	177	NA	NA
Radeon Pro Vega 48	11299	176	NA	NA
GeForce RTX 2060 (Mobile)	11354	175	NA	NA
Quadro P4200 with Max-Q Design	11367	174	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1080 with Max-Q Design	11482	173	NA	NA
Radeon RX 5600	11507	172	NA	NA
Intel Arc A580	11644	171	64.69	\$179.99
Quadro P4000	11653	170	20.95	\$556.19*
GeForce GTX 1660	11690	169	41.57	\$281.19
Quadro M6000	11763	168	2.44	\$4,827.53*
GeForce RTX 2070 with Max-Q Design	11768	167	NA	NA
Radeon Pro 5700	11844	166	NA	NA
Quadro M6000 24GB	11884	165	NA	NA
Radeon RX 5600 OEM	11959	164	NA	NA
GeForce RTX 3050 OEM	12037	163	NA	NA
Radeon Pro V5				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P5000	12330	139	0.00	\$1,800.99
Radeon Pro Vega 56	12353	158	NA	NA
GeForce RTX 2070 (Mobile)	12354	157	NA	NA
Quadro P5200 with Max-Q Design	12355	156	NA	NA
RTX A3000 Laptop GPU	12511	155	NA	NA
Radeon Pro 5700 XT	12613	154	NA	NA
Quadro RTX 4000 (Mobile)	12626	153	NA	NA
Tesla V100-PCIe-16GB	12632	152	NA	NA
Tesla T10	12650	151	NA	NA
Tesla P40	12677	150	NA	NA
GeForce GTX 1660 SUPER	12776	149	58.08	\$219.99
Quadro RTX 4000 with Max-Q Design	12794	148	NA	NA
GeForce RTX 3050	12853	147	71.41	\$179.99
GeForce GTX 1660 Ti	12930	146	39.32	\$328.85*
Radeon Pro WX 9100	12980	145	NA	NA
Radeon Pro Vega 64	12984	144	NA	NA
GeForce GTX TITAN X	13047	143	11.89	\$1,096.99*
Radeon PRO W6600X	13113	142	NA	NA
GeForce RTX 2080 with Max-Q Design	13146	141	6.26	\$2,099.99*
Radeon RX 6800M	13290	140	NA	NA
Radeon RX Vega 56	13307	139	17.67	\$752.99*
Radeon Vega Frontier Edition	13326	138	7.93	\$1,679.99*
NVIDIA A40	13370	137	NA	NA
GeForce RTX 3060 Laptop GPU	13397	136	43.22	\$309.99*
Radeon RX 6700M	13427	135	49.73	\$269.99
GeForce GTX 1070	13508	134	25.49	\$529.99
Radeon RX 6600M	13585	133	71.50	\$189.99
Quadro RTX 5000 with Max-Q Design	13639	132	NA	NA
NVIDIA TITAN X	13659	131	22.46	\$608.10*
Radeon RX 6600S	13678	130	NA	NA
Radeon RX 5600 XT	13695	129	25.13	\$545.00*
RTX A2000 12G				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 980 Ti	13021	123	17.75	\$178.09*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RadeonT RX 6850M XT	13847	124	NA	NA
GeForce RTX 2070 Super with Max-Q Design	13925	123	NA	NA
Radeon Pro WX 8200	13931	122	8.71	\$1,599.39*
Radeon RX 7600S	14018	121	NA	NA
GeForce RTX 2060	14150	120	34.63	\$408.61
RTX 1000 Ada Generation Laptop GPU	14197	119	NA	NA
Radeon RX Vega 64	14397	118	19.20	\$749.99*
Radeon RX 5700	14509	117	46.81	\$309.99*
Radeon RX 6650M	14562	116	NA	NA
GeForce RTX 4050 Laptop GPU	14563	115	NA	NA
RTX A3000 12GB Laptop GPU	14606	114	NA	NA
GeForce GTX 1070 Ti	14686	113	25.77	\$569.99*
Quadro RTX 5000 (Mobile)	14832	112	NA	NA
Radeon Pro VII	14856	111	NA	NA
Radeon RX 6700S	14874	110	NA	NA
Quadro P6000	14912	109	4.59	\$3,250.00*
Radeon PRO W7500	15021	108	NA	NA
GeForce RTX 2080 (Mobile)	15107	107	NA	NA
Radeon RX 6600	15115	106	45.95	\$329.00*
Radeon RX 7700S	15136	105	NA	NA
Radeon Pro W5700	15235	104	23.44	\$649.99*
RTX A4000 Laptop GPU	15353	103	NA	NA
Quadro RTX 4000	15413	102	17.15	\$899.00*
GeForce RTX 3060 8GB	15462	101	NA	NA
Radeon Pro Vega II	15474	100	NA	NA
GeForce RTX 3070 Laptop GPU	15509	99	NA	NA
GeForce GTX 1080	15526	98	35.06	\$442.79*
RTX 2000 Ada Generation Laptop GPU	15584	97	NA	NA
Radeon RX 6800S	15615	96	NA	NA
Radeon PRO V				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 5000	16033	92	NA	NA
GeForce RTX 2070	16169	91	41.40	\$390.59*
Radeon RX 7600	16276	90	60.29	\$269.99
RTX 3000 Ada Generation Laptop GPU	16328	89	NA	NA
Quadro GP100	16374	88	NA	NA
Radeon RX 6600 XT	16478	87	36.62	\$449.99
GeForce RTX 3080 Laptop GPU	16497	86	NA	NA
GeForce RTX 2060 SUPER	16574	85	39.84	\$415.98*
Radeon RX 5700 XT 50th Anniversary	16622	84	NA	NA
Radeon RX 5700 XT	16672	83	38.17	\$436.85*
Radeon VII	16690	82	8.78	\$1,899.95*
TITAN V CEO Edition	16987	81	NA	NA
GeForce RTX 3060 12GB	17084	80	70.08	\$243.79
Radeon RX 6650 XT	17305	79	40.25	\$429.99
Radeon RX 7600 XT	17391	78	52.70	\$329.99
RTX A5500 Laptop GPU	17471	77	NA	NA
RTX A4500 Laptop GPU	17511	76	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4060 Laptop GPU	17802	75	NA	NA
Radeon PRO W7600	18004	74	NA	NA
GeForce RTX 3070 Ti Laptop GPU	18160	73	NA	NA
GeForce RTX 2070 SUPER	18250	72	33.18	\$549.99
Radeon RX 6850M XT	18329	71	NA	NA
NVIDIA A10G	18487	70	NA	NA
GeForce GTX 1080 Ti	18555	69	38.35	\$483.82*
Radeon RX 6700	18632	68	NA	NA
NVIDIA TITAN Xp	18699	67	11.37	\$1,645.00*
GeForce RTX 2080	18815	66	23.50	\$800.61*
Quadro RTX 6000	18872	65	3.00	\$6,300.00*
Radeon RX 6750 GRE 12GB	18912	64	NA	NA
TITAN Xp COLLECTORS EDITION	19042	63	NA	NA
RTX 2000 Ada				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 SUPER	19000	39	28.03	\$684.00
GeForce RTX 4060	19638	58	67.03	\$293.00
GeForce RTX 4070 Laptop GPU	19648	57	NA	NA
TITAN V	19883	56	9.94	\$1,999.99*
Radeon RX 6700 XT	19887	55	25.58	\$777.62
Radeon PRO W6800	19919	54	10.77	\$1,849.99*
TITAN RTX	19985	53	8.00	\$2,499.00*
Quadro GV100	20021	52	2.22	\$8,999.00*
GeForce RTX 3080 Ti Laptop GPU	20057	51	NA	NA
RTX 3500 Ada Generation Laptop GPU	20284	50	NA	NA
GeForce RTX 3060 Ti	20561	49	60.48	\$339.99
RTX 4000 SFF Ada Generation	20573	48	NA	NA
Radeon RX 6750 GRE 10GB	20643	47	NA	NA
Radeon PRO W7700	20710	46	NA	NA
Radeon RX 6750 XT	20802	45	59.44	\$349.99
RTX A5500	21122	44	9.73	\$2,169.99*
Radeon RX 7700 XT	21421	43	53.56	\$399.99
Radeon 610M Ryzen 9 7845HX	21622	42	NA	NA
GeForce RTX 2080 Ti	21781	41	15.56	\$1,399.99*
RTX A4500	21783	40	20.17	\$1,079.99*
NVIDIA A10	22064	39	NA	NA
Radeon RX 6800	22332	38	58.93	\$379.00
Radeon RX 7900M	22409	37	NA	NA
GeForce RTX 3070	22419	36	53.38	\$419.99
RTX A6000	22833	35	5.56	\$4,109.99*
RTX A5000	22907	34	10.27	\$2,229.99*
GeForce RTX 4060 Ti	22911	33	59.51	\$384.99
GeForce RTX 4060 Ti 16GB	22990	32	52.25	\$439.99
RTX 4000 Ada Generation Laptop GPU	23338	31	NA	NA
GeForce RTX 3070 Ti	23672	30	47.35	\$499.99
Radeon RX 7800 XT	24032	29	48.07	\$499.99
RTX 5000 Ada				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6900 XT	25100	26	50.07	\$934.99
GeForce RTX 3080	25325	25	50.65	\$499.99
GeForce RTX 4080 Laptop GPU	25694	24	NA	NA
RTX 4000 Ada Generation	25925	23	NA	NA
Radeon RX 7900 GRE	26064	22	47.39	\$549.99
GeForce RTX 3080 12GB	26749	21	NA	NA
GeForce RTX 3090	26832	20	14.26	\$1,881.01
Radeon RX 6900 XT	26851	19	16.00	\$1,678.08
GeForce RTX 4070	27026	18	50.14	\$539.00
GeForce RTX 3080 Ti	27237	17	18.55	\$1,468.28
RTX 6000 Ada Generation	28116	16	NA	NA
GeForce RTX 4090 Laptop GPU	28175	15	NA	NA
Radeon RX 6950 XT	28330	14	24.67	\$1,148.16
Radeon RX 7900 XT	28844	13	41.21	\$699.99
Radeon PRO W7800	28984	12	NA	NA
Radeon PRO W7900	29253	11	NA	NA
GeForce RTX 4090 D	29414	10	NA	NA
RTX 4500 Ada Generation	29694	9	NA	NA
GeForce RTX 3090 Ti	29758	8	14.47	\$2,055.94*
GeForce RTX 4070 SUPER	30102	7	51.02	\$589.99
Radeon RX 7900 XTX	30939	6	33.27	\$929.99
GeForce RTX 4070 Ti	31761	5	42.35	\$749.99
GeForce RTX 4070 Ti SUPER	31820	4	39.78	\$799.99
GeForce RTX 4080 SUPER	34288	3	32.66	\$1,049.99
GeForce RTX 4080	34629	2	36.45	\$949.99
GeForce RTX 4090	38737	1	21.52	\$1,799.99

* - Last price seen from our affiliates.

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