

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.

VIDEO CARD

High End

High Mid Range

Low Mid Range

Low End

Best Value

Common

Market Share

Compare ⁰

Video Card Mega List

[Search Model](#)

GPU Compute Video Card Chart

Power Performance
Video Card Chart

2D Graphics
Video Card List

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	2398	NA	NA
Intel 82852/82855 GM/GME Controller	1	2395	NA	NA
Intel Extreme Controller	1	2386	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2389	NA	NA
Mobile Intel 945 Express	1	2390	NA	NA
Quadro2 Pro	1	2397	NA	NA
RADEON IGP 34xM	1	2392	NA	NA
Rage 128 Pro	1	2394	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2396	NA	NA
S3 ProSavageDDR	1	2393	NA	NA
S3 SuperSavage/IXC 1014	1	2387	NA	NA
VIA Chrome9 HCM IGP	1	2391	NA	NA
VisionTek Radeon 7000	1	2388	NA	NA
Dell 8100	2	2382	0.00	\$999.11*
GeForce2 MX	2	2368	NA	NA
GeForce2 MX with TV Out	2	2376	NA	NA
GeForce3 Ti 500	2	2378	NA	NA
Intel 82845G Controller	2	2384	NA	NA
Intel 82845G/GL Controller	2	2373	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2364	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2372	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel GMA 3150 Express	2	2379	NA	NA
Intel Media Accelerator 3150	2	2363	NA	NA
MOBILITY RADEON 9100 IGP	2	2362	NA	NA
Quadro NVS 280 SD	2	2381	NA	NA
Radeon 7000 / Radeon VE	2	2370	NA	NA
RADEON 7200	2	2365	0.00	\$599.99*
RADEON 9200 LE Family	2	2374	NA	NA
RADEON 9200 PRO Family	2	2366	NA	NA
RADEON 9200 SE	2	2377	NA	NA
RADEON 9250	2	2375	0.01	\$194.00*
Radeon IGP 340M	2	2380	NA	NA
RADEON IGP 345M	2	2369	NA	NA
Radeon VE	2	2385	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2383	NA	NA
VIA Chrome9 HC IGP WDDM	2	2367	NA	NA
VIA Chrome9 HC3 IGP	2	2371	NA	NA
ABIT Siluro T400	3	2331	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2356	NA	NA
GeForce 6200A	3	2339	0.07	\$54.99*
GeForce2 GTS/GeForce2 Pro	3	2328	NA	NA
GeForce2 MX 100/200	3	2352	NA	NA
GeForce2 MX/MX 400	3	2330	NA	NA
GeForce4 420 Go	3	2349	NA	NA
GeForce4 4200 Go	3	2329	NA	NA
GeForce4 440 Go	3	2336	NA	NA
Intel 82915G/915GV/910GL	3	2337	NA	NA
Intel 82915G/GV/910GL Express	3	2358	NA	NA
Intel 865 Embedded Controller	3	2338	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 946GZ Embedded Chipset	3	2353	NA	NA
Intel Media Accelerator 500	3	2345	NA	NA
Matrox Parhelia 128MB	3	2347	0.01	\$393.99*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY RADEON 9000	3	2351	NA	NA
MOBILITY RADEON 9200	3	2360	NA	NA
RADEON 7000 / RADEON VE Family	3	2333	NA	NA
RADEON 7500	3	2354	0.02	\$177.25*
RADEON 9000 Family	3	2343	NA	NA
RADEON 9200	3	2340	0.02	\$153.63*
RADEON IGP 320	3	2335	NA	NA
Radeon IGP 320M	3	2342	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2357	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2334	NA	NA
RIVA TNT2/TNT2 Pro	3	2346	NA	NA
S3 Inc. Savage4	3	2355	NA	NA
Vanta/Vanta LT	3	2359	NA	NA
VIA Chrome9 HC IGP Family	3	2332	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2344	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2348	NA	NA
VIA/S3G DeltaChrome IGP	3	2350	NA	NA
ALL-IN-WONDER 9000	4	2298	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2317	NA	NA
Dell 8200	4	2319	NA	NA
GeForce2 Go	4	2323	NA	NA
GeForce2 Integrated GPU	4	2318	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2302	NA	NA
GeForce2 Ti	4	2310	NA	NA
GeForce3	4	2299	NA	NA
GeForce3 Ti 200	4	2325	NA	NA
GeForce4 440	4	2296	NA	NA
GeForce4 MX 4000	4	2316	NA	NA
GeForce4 MX 420	4	2303	NA	NA
GeForce4 MX 440	4	2313	NA	NA
GeForce4 MX 440 with AGP8X	4	2300	NA	NA
GeForce4 MX 440SE	4	2312	NA	NA
GeForce4 MX 460	4	2322	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 915G,910G Express	4	2327	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function	4	2308	NA	NA
Intel 945G Embedded Chipset Function 0	4	2315	NA	NA
MOBILITY FIREGL 7800	4	2304	NA	NA
MOBILITY/RADEON 9000	4	2324	NA	NA
Quadro2 MXR/EX	4	2314	NA	NA
Quadro4 900 XGL	4	2297	NA	NA
RADEON 7500 Family	4	2305	NA	NA
RADEON 9000	4	2309	NA	NA
VIA Chrome9 HC IGP	4	2320	NA	NA
VIA/S3G KM400/KN400	4	2326	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	2321	NA	NA
VIA/S3G UniChrome Pro IGP	4	2306	NA	NA
WinFast A250 LE	4	2301	NA	NA
XGI Volari Family v1.13.23.D_V	4	2311	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2284	NA	NA
GeForce 256	5	2294	0.12	\$42.04*
GeForce4 420 Go 32M	5	2289	NA	NA
GeForce4 440 Go 64M	5	2274	NA	NA
GeForce4 448 Go	5	2286	NA	NA
GeForce4 Ti 4200	5	2285	NA	NA
GeForce4 Ti 4600	5	2287	0.10	\$53.99*
GeForce4 Ti 4800	5	2276	NA	NA
Intel 82915G Express	5	2280	NA	NA
Intel Q33 Express	5	2282	NA	NA
Matrox Millennium P650 PCIe 128	5	2290	NA	NA
Matrox Parhelia APVe	5	2283	NA	NA
Mobile Intel 945GM Express	5	2277	NA	NA
Mobile Intel 945GM/GU Express	5	2291	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2281	NA	NA
NVIDIA GeForce3 Ti200	5	2279	NA	NA
Quadro 280 NVS PCIe	5	2278	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9100 IGP	5	2288	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2292	NA	NA
VIA/S3G UniChromell	5	2275	NA	NA
Xabre	5	2293	NA	NA
GeForce PCX 5300	6	2270	NA	NA
GeForce2 Ultra	6	2268	NA	NA
GeForce4 MX Integrated GPU	6	2266	NA	NA
GeForce4 Ti 4800 SE	6	2262	NA	NA
Intel Media Accelerator 600	6	2261	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2263	NA	NA
MOBILITY RADEON 7000 IGP	6	2269	NA	NA
Quadro NVS 55/280 PCI	6	2272	NA	NA
Quadro4 380 XGL	6	2264	NA	NA
RADEON 8500 Family	6	2265	NA	NA
RADEON 9100 Family	6	2271	NA	NA
RADEON IGP 350M	6	2273	NA	NA
V9560XT	6	2267	NA	NA
ASUS V9520-X V62.11	7	2255	NA	NA
GeForce FX 5100	7	2254	NA	NA
GeForce FX 5200	7	2257	0.06	\$129.00*
GeForce FX 5200LE	7	2260	0.16	\$42.99*
GeForce4 Ti 4400	7	2259	NA	NA
Intel US15 Embedded Media and Controller	7	2258	NA	NA
MOBILITY RADEON 9000 IGP	7	2253	NA	NA
Quadro FX 500/FX 600	7	2256	NA	NA
GeCube RADEON 7000	8	2246	NA	NA
GeForce FX 5500	8	2249	0.05	\$153.97*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX Go 5200	8	2247	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2252	NA	NA
Intel Q35 Embedded	8	2248	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2250	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ASUS A7000	9	2244	NA	NA
GeForce FX 5600XT	9	2245	NA	NA
Matrox Parhelia 256MB	9	2242	NA	NA
VIA Chrome9 HD IGP	9	2243	NA	NA
Master X3100 Driver	10	2240	NA	NA
MOBILITY IGP 9000/9100	10	2241	NA	NA
FireMV 2400 PCIe	11	2237	NA	NA
GeForce FX 5200SE	11	2236	NA	NA
PHDGD Solo 1.2.0 x86	11	2239	NA	NA
RGH Drivers v3	11	2238	NA	NA
GeForce 7000M / nForce 610M	12	2231	NA	NA
GeForce FX 5200 Ultra	12	2234	NA	NA
GeForce FX 5600	12	2232	NA	NA
GeForce FX Go5300	12	2233	NA	NA
Intel 82945G Express	12	2235	NA	NA
GeForce 7000M	13	2230	NA	NA
Quadro FX 500/600 PCI	14	2228	NA	NA
Radeon HD 2400 PCI	14	2229	NA	NA
GeForce Go 6200	15	2227	NA	NA
NV44	15	2226	NA	NA
GeForce FX Go5650	16	2224	NA	NA
GRID V100-8Q	16	2225	NA	NA
GeForce FX 5600 Ultra	17	2223	NA	NA
GeForce FX Go 5600	17	2221	NA	NA
GeForce Go 6100	17	2220	NA	NA
Mobile Intel965 Express	17	2222	NA	NA
GeForce 7150M / nForce 630M	18	2217	NA	NA
Quadro FX 2000	18	2219	NA	NA
QXL KMDOD	18	2214	NA	NA
RADEON 9600 TX Family	18	2216	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2218	NA	NA
S3 Chrome S25 DDR2	18	2215	NA	NA
GeForce Go 6150	19	2213	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox M9125 PCI Express	20	2215	NA	NA
PHDGD Solo 2 x64	20	2211	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2210	NA	NA
GeForce 6150	21	2209	0.07	\$329.00*
RADEON A9800XT	22	2207	NA	NA
RADEON XPRESS 200M	22	2208	NA	NA
ALL-IN-WONDER 9800	23	2204	NA	NA
GeForce 6100 nForce 430	23	2206	NA	NA
GeForce 7200 GS	23	2205	NA	NA
Matrox M9140 LP PCIe x16	23	2203	NA	NA
Quadro NVS 210S	23	2201	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	2202	NA	NA
GeForce 6150SE	24	2197	NA	NA
GeForce FX 5700LE	24	2198	NA	NA
GeForce Go 6400	24	2199	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2200	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2196	NA	NA
GeForce 6100 nForce 400	25	2193	NA	NA
GeForce 6100 nForce 420	25	2192	NA	NA
GeForce 7050 / nForce 610i	25	2194	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2190	NA	NA
Matrox M9125 PCI Express	25	2191	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2189	NA	NA
RADEON 9600 Family	25	2195	NA	NA
GeForce 7100 / nForce 620i	26	2188	NA	NA
RADEON 9600 PRO Family	26	2186	NA	NA
Radeon Xpress 1270	26	2187	NA	NA
GeForce 6100	27	2184	NA	NA
MOBILITY FireGL V5250	27	2182	NA	NA
MOBILITY RADEON 9700	27	2181	NA	NA
MOBILITY RADEON XPRESS 200	27	2185	NA	NA
RADEON 9600SE	27	2183	NA	NA
GeForce 6200 LE	28	2180	0.69	\$41.24*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6150SE nForce 430	29	2179	NA	NA
Radeon 9550 / X1050	29	2176	NA	NA
Radeon Xpress 1150	29	2178	NA	NA
RADEON XPRESS 200	30	2175	NA	NA
All-in-Wonder X1800XL	30	2173	NA	NA
FireGL T2-128	30	2174	NA	NA
MOBILITY RADEON 9550	31	2171	NA	NA
GeForce 7050 PV / nForce 630a	31	2170	NA	NA
Matrox M9128 LP PCIe x16	31	2168	NA	NA
Radeon X1270	31	2172	NA	NA
Red Hat QXL controller	31	2169	NA	NA
GeForce 6200 A-LE	32	2167	NA	NA
GeForce 7025 / nForce 630a	32	2164	NA	NA
GeForce FX 5900ZT	32	2165	NA	NA
Intel Media Accelerator	32	2163	NA	NA
Radeon X1200	32	2166	NA	NA
GeForce 6150 LE	33	2159	NA	NA
GeForce 7150 / nForce 630i	33	2162	NA	NA
GeForce FX 5700VE	33	2161	NA	NA
MOBILITY FIREGL T2/T2e	33	2157	NA	NA
Mobility Radeon X1450	33	2160	NA	NA
MOBILITY RADEON X300	33	2156	NA	NA
S3 Chrome S27 DDR3	33	2158	NA	NA
GeForce FX 5700 Ultra	34	2153	NA	NA
GeForce FX 5900	34	2150	NA	NA
GeForce PCX 5750	34	2148	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce PCX 5900	34	2154	NA	NA
Quadro FX 1000	34	2152	NA	NA
Quadro FX 1300	34	2151	NA	NA
RADEON 9550	34	2149	0.12	\$291.74*
Radeon Xpress 1100	34	2155	NA	NA
GeForce 7100 / nForce 630i	35	2146	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1950	35	2147	NA	\$212.00
RADEON 9600 XT	35	2147	NA	NA
Radeon Xpress 1200	35	2145	NA	NA
CONNECT 3D RADEON X300	36	2140	NA	NA
FireMV 2200 PCIe	36	2142	0.40	\$89.99*
Matrox G200eR	36	2139	NA	NA
MOBILITY RADEON 9600	36	2143	NA	NA
RADEON 9500	36	2141	0.90	\$40.50*
256MB DDR Radeon 9800 XT	37	2135	NA	NA
GeForce 6200SE TurboCache	37	2138	NA	NA
GeForce 7050 / nForce 630i	37	2134	NA	NA
Quadro NVS 440	37	2136	0.16	\$228.87*
Radeon X1250	37	2137	NA	NA
GeForce 6500	38	2131	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2130	NA	NA
Quadro NVS 285 128MB	38	2132	0.70	\$55.00*
RADEON X300SE	38	2133	NA	NA
GeForce 7300 SE	39	2129	NA	NA
Matrox G200eW	39	2125	NA	NA
MOBILITY RADEON 9600/9700	39	2128	NA	NA
Mobility Radeon X1300	39	2126	NA	NA
Mobility Radeon X1350	39	2124	NA	NA
S3 Chrome 430 ULP	39	2127	NA	NA
GeForce FX 5700	40	2118	NA	NA
GeForce FX 5900XT	40	2123	NA	NA
Matrox G200eh	40	2120	NA	NA
Matrox M9148 LP PCIe x16	40	2122	NA	NA
MOBILITY FIREGL T2	40	2119	NA	NA
Radeon Xpress 1300M	40	2121	NA	NA
GeForce 6200	41	2115	0.42	\$99.99*
GeForce 7050 / nForce 620i	41	2116	NA	NA
GeForce FX 5900 Ultra	41	2117	NA	NA
RADEON 9500 PRO / 9700	41	2114	NA	NA
Matrox M9138 LP PCIe x16	42	2112	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 X1900	42	2108	NA	NA
Quadro NVS 285	42	2113	0.25	\$169.86*
RADEON 9600 PRO	42	2110	NA	NA
Radeon Xpress 1250	42	2111	NA	NA
Mobile Intel 45 Express	43	2108	NA	NA
GeForce Go 6600 TE/6200 TE	44	2103	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2106	NA	NA
Mobile Intel serie 4 Express	44	2105	NA	NA
MOBILITY FireGL V5200	44	2102	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	2104	NA	NA
Radeon 9700 TX w/TV-Out	44	2107	NA	NA
FireMV 2250	45	2099	0.44	\$104.00*
GeForce Go 7200	45	2101	NA	NA
Matrox G200eR WDDM 1.2	45	2100	NA	NA
Matrox G200eh WDDM 2.0	46	2097	NA	NA
MOBILITY RADEON 9800	46	2098	NA	NA
Quadro NVS 120M	46	2096	NA	NA
GeForce 7300 SE/7200 GS	47	2092	NA	NA
Quadro NVS 110M	47	2094	NA	NA
Radeon X1550 64-bit	47	2093	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2095	NA	NA
Mobility Radeon X2300	48	2091	NA	NA
Mobility Radeon X2300 HD	48	2090	NA	NA
MOBILITY RADEON X600 SE	49	2087	NA	NA
Radeon X1050	49	2088	NA	NA
Radeon X1600	49	2086	NA	NA
RADEON X600 SE	49	2089	0.87	\$56.18*
Matrox G200eW WDDM 1.2	50	2085	NA	NA
Mobile Intel 965 Express	50	2082	NA	NA
Mobility Radeon HD 2300	50	2083	NA	NA
MOBILITY RADEON X600	50	2084	NA	NA
RADEON X550	50	2081	NA	NA
FirePro 2450	51	2080	0.57	\$89.99*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7100 GS	51	2076	NA	NA
GeForce FX Go5700	51	2078	NA	NA
Matrox G200eh WDDM 1.2	51	2075	NA	NA
RADEON E2400	51	2077	NA	NA
FireGL V3100	52	2072	NA	NA
GeForce Go 7300	52	2074	NA	NA
Radeon Xpress 1300	52	2073	NA	NA
GeForce 6200 TurboCache	53	2071	NA	NA
RADEON 9700 PRO	53	2070	NA	NA
Intel - Express Chipset G41	56	2067	NA	NA
RADEON 9800 XT	56	2066	NA	NA
RADEON X550XT	56	2069	NA	NA
RADEON X600 256MB HyperMemory	56	2068	NA	NA
Intel - Express Chipset Q45/Q43	57	2062	NA	NA
Intel G41 Express-Chipsatz	57	2064	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2065	NA	NA
RADEON 9800	57	2063	0.18	\$325.00*
GeForce 6800 XE	58	2058	NA	NA
GeForce 8400M G	58	2060	NA	NA
Intel G33/G31 Express	58	2059	NA	NA
Radeon X1300	58	2061	0.61	\$95.78*
FireGL X1	59	2057	NA	NA
GeForce FX 5950 Ultra	59	2056	NA	NA
Matrox G200e WDDM 1.2	59	2055	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY RADEON X700 XL	59	2052	NA	NA
Radeon 2100	59	2053	0.31	\$190.99*
RADEON 9800 PRO	59	2054	NA	NA
Quadro NVS 450	61	2050	0.39	\$159.00*
SAPPHIRE Radeon X1550	61	2051	NA	NA
Intel HD manual-15.28-1861	62	2048	NA	NA
MOBILITY FireGL V3200	62	2049	NA	NA
Mobility Radeon HD 3410	62	2047	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G 105M	63	2045	0.22	\$287.82*
Quadro FX 550	63	2045	0.22	\$287.82*
GeForce 8200M G	64	2042	NA	NA
GeForce G 105M	64	2044	NA	NA
RADEON X800 PRO	64	2043	NA	NA
GeForce Go 7400	65	2041	NA	NA
GeForce 8400M GT	66	2036	NA	NA
Intel B43 Express Chipset	66	2040	NA	NA
Mobility Radeon HD 4225	66	2039	NA	NA
MOBILITY RADEON X700	66	2035	NA	NA
Quadro NVS 135M	66	2037	NA	NA
Radeon X1550	66	2038	0.43	\$155.00*
GeForce 9400M	67	2032	NA	NA
GeForce 9400M G	67	2033	NA	NA
Intel G45/G43/G41 Express Chipset	67	2030	NA	NA
Matrox G200eR WDDM 2.0	67	2031	NA	NA
RADEON X600 PRO	67	2034	0.42	\$160.49*
FireGL V3350	68	2027	NA	NA
GeForce 8400 SE	68	2028	NA	NA
GeForce 9100M G	68	2029	NA	NA
BASICDISPLAY	69	2021	NA	NA
GeForce Go 6600	69	2022	NA	NA
Quadro FX 3000	69	2026	0.41	\$166.61*
Quadro NVS 140M	69	2025	NA	NA
Quadro NVS 420	69	2020	0.47	\$150.00*
Radeon X1600 Pro / X1300XT	69	2024	NA	NA
RADEON X800 XL	69	2023	NA	NA
Diamond X1300-PCIE 256MB	70	2018	NA	NA
FireGL V3300	70	2016	NA	NA
GeForce 8600M GS	70	2019	NA	NA
Quadro NVS 150M	70	2017	NA	NA
Radeon X550XTX	70	2015	NA	NA
FireGL V7100	71	2009	0.22	\$328.67*
M880G with Mobility Radeon HD 4225	71	2011	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
M860G with Mobility Radeon 4300	71	2012	1.13	\$63.00*
Quadro NVS 295	71	2014	NA	NA
Radeon X1650 SE	71	2013	NA	NA
RADEON X700 SE	71	2013	NA	NA
RADEON X700	72	2008	NA	NA
RADEON X850 PRO	72	2007	NA	NA
FireMV 2450	73	2003	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4300 Serisi	73	2006	NA	NA
Radeon 3100	73	2004	0.34	\$214.99*
RADEON X800 PRO/GTO	73	2005	NA	NA
GeForce 7350 LE	74	2002	NA	NA
Radeon X1650 GTO	74	2001	NA	NA
M860G with Mobility Radeon 4100	75	2000	NA	NA
RADEON X700 PRO	75	1999	NA	NA
GeForce 9300 GE	76	1998	3.32	\$22.99*
Radeon HD 2350	76	1997	NA	NA
GeForce 8100 / nForce 720a	79	1996	NA	NA
RADEON X800GT	79	1995	NA	NA
GeForce 7300 GS	80	1993	NA	NA
GeForce 7300 LE	80	1994	2.50	\$32.00*
Quadro FX 540	80	1992	1.35	\$59.99*
GeForce 8400	81	1988	0.14	\$589.99*
GeForce 9100	81	1982	NA	NA
GeForce 9300 SE	81	1986	NA	NA
MOBILITY FireGL V5000	81	1985	NA	NA
Mobility Radeon 4100	81	1990	NA	NA
Mobility Radeon X2500	81	1984	NA	NA
nForce 980a/780a SLI	81	1987	NA	NA
RADEON X800 XT Platinum Edition	81	1989	NA	NA
RADEON X850 XT	81	1991	NA	NA
RADEON X850 XT Platinum Edition	81	1983	NA	NA
Radeon HD 3200	82	1981	NA	NA
GeForce 999 GTX	83	1978	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G45/G43 Express Chipset	83	1779	0.67	\$125.00*
Quadro FX 370	83	1979	0.67	\$125.00*
ALL-IN-WONDER X800 GT	84	1974	NA	NA
FireGL V3200	84	1971	NA	NA
GeForce 9300M G	84	1973	NA	NA
ION	84	1976	0.37	\$229.99*
Radeon X1300 PRO	84	1975	NA	NA
Radeon X1650 Pro	84	1972	0.53	\$160.89*
RADEON X800 GT	84	1977	NA	NA
GeForce 6600	85	1970	0.32	\$264.00*
Quadro FX 350	85	1969	NA	NA
Quadro FX 360M	86	1968	NA	NA
Intel G45/G43 Express Chipset	87	1967	NA	NA
GeForce 6610 XL	88	1965	NA	NA
Intel G41 Express Chipset	88	1966	NA	NA
GeForce 7500 LE	89	1964	NA	NA
GeForce 9300M GS	89	1962	2.07	\$43.42*
Mobility Radeon HD 2400	89	1963	NA	NA
GeForce 8600M GT	90	1961	0.83	\$108.10*
Mobility Radeon HD 4200	90	1960	NA	NA
GeForce 8600 GS	91	1956	NA	NA
GeForce G205M	91	1958	NA	NA
Mobility Radeon HD 3450	91	1959	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X600XT	91	1957	NA	NA
FireGL V5100	92	1953	0.81	\$114.96*
M880G with Mobility Radeon HD 4200	92	1952	NA	NA
Mobility Radeon HD 4270	92	1951	NA	NA
Mobility Radeon X1600	92	1954	NA	NA
nForce 780a SLI	92	1955	NA	NA
Mobility Radeon HD 3470	93	1949	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	1947	NA	NA
Quadro FX 370M	93	1950	NA	NA
Radeon HD 6250	93	1948	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MADON 220000 HD 2400	91	1946	NA	NA
MEDION RADEON X740XL	94	1945	NA	NA
GeForce 6700 XL	95	1944	NA	NA
Radeon HD 3000	95	1943	NA	NA
Mobility Radeon HD serie 4200	96	1942	NA	NA
GeForce 9300GE	97	1939	1.01	\$97.20*
ION LE	97	1938	NA	NA
Quadro NVS 130M	97	1941	NA	NA
RADEON X800 XT	97	1940	NA	NA
GeForce 8400M GS	98	1937	1.25	\$78.20*
GeForce 9400	98	1932	NA	NA
GeForce G210	98	1933	0.80	\$122.12*
Mobility Radeon HD 3430	98	1936	NA	NA
Mobility Radeon HD 4250	98	1934	NA	NA
Radeon 3000	98	1935	0.31	\$319.00*
Radeon X1600 Pro	98	1931	NA	NA
GeForce 210	99	1930	1.84	\$54.15*
Quadro NVS 160M	99	1929	NA	NA
GeForce 8300 GS	100	1927	NA	NA
Intel Media Accelerator HD	100	1928	NA	NA
GeForce 8300	101	1924	4.48	\$22.68*
GeForce 9400 GT	101	1926	0.63	\$159.99*
Intel Q35 Express	101	1923	NA	NA
Quadro FX 4000	101	1925	NA	NA
Quadro FX Go1400	101	1922	NA	NA
GeForce 6800 GS/XT	102	1918	NA	NA
GeForce 9300 GS	102	1919	1.71	\$59.95*
GeForce 9500M GS	102	1920	NA	NA
Mobility Radeon HD 2400 XT	102	1921	NA	NA
Quadro FX 370 Low Profile	102	1917	NA	NA
FireGL V3400	103	1916	NA	NA
GeForce 9500M	103	1914	1.02	\$101.20*
Radeon HD 4350	103	1915	1.01	\$102.24*
GeForce 9450	104	1908	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon X1700</u>	104	1910	NA	NA
<u>Quadro FX 3400/4400</u>	104	1911	NA	NA
<u>Quadro FX 570M</u>	104	1913	NA	NA
<u>Radeon HD 6290</u>	104	1909	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce G105M</u>	105	1907	NA	NA
<u>GeForce GT 320M</u>	105	1905	NA	NA
<u>GeForce9400M</u>	105	1906	NA	NA
<u>GeForce Go 6800</u>	106	1904	NA	NA
<u>Matrox G200e WDDM 2.0</u>	106	1902	NA	NA
<u>Radeon Infoshock 3000</u>	106	1901	NA	NA
<u>Radeon X1950 GT</u>	106	1903	NA	NA
<u>Quadro FX 370 LP</u>	108	1900	NA	NA
<u>Radeon HD 4330</u>	108	1899	NA	NA
<u>GeForce 6800 LE</u>	109	1897	NA	NA
<u>Radeon HD 4270</u>	109	1896	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1898	NA	NA
<u>FireGL V7350</u>	110	1894	<u>0.93</u>	<u>\$119.42*</u>
<u>Radeon HD 2600 Pro AGP</u>	110	1895	NA	NA
<u>GeForce 310M</u>	111	1893	NA	NA
<u>GeForce 9200M GS</u>	111	1891	NA	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	1892	NA	NA
<u>NVS 300</u>	111	1890	<u>1.77</u>	<u>\$62.97*</u>
<u>Radeon HD 4200</u>	111	1889	NA	NA
<u>FirePro 2260</u>	112	1885	NA	NA
<u>GeForce 6800</u>	112	1886	<u>0.20</u>	<u>\$559.29*</u>
<u>Intel HD Modded</u>	112	1888	NA	NA
<u>Radeon X1950 Pro</u>	112	1884	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	1887	NA	NA
<u>Quadro FX 560</u>	113	1883	<u>0.76</u>	<u>\$150.25*</u>
<u>FireGL V5200</u>	114	1881	<u>0.86</u>	<u>\$133.40*</u>
<u>GeForce Go 7800</u>	114	1880	NA	NA
<u>NVS 3100M</u>	114	1879	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2400 XT	114	1878	NA	NA
RADEON X800 GTO	114	1878	NA	NA
GeForce 315M	115	1874	NA	NA
GeForce G210M	115	1877	NA	NA
Quadro FX 1700	115	1875	0.33	\$350.14*
Radeon HD 7290	115	1876	NA	NA
Radeon X1600 XT	115	1873	NA	NA
FireGL V7200	116	1872	NA	NA
GeForce 8600 GT	116	1869	0.60	\$196.00*
PHDGD Quantic C3	116	1870	NA	NA
Radeon X1700 Targa Edition	116	1871	NA	NA
FireMV 2260	117	1867	1.33	\$88.08*
GeForce 9600M GS	117	1866	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	1868	NA	NA
Qualcomm Adreno 540 GPU	118	1865	NA	NA
Radeon HD 2400 XT	118	1863	NA	NA
RV530 PRO	118	1864	NA	NA
GeForce 505	119	1862	1.04	\$115.06*
Extreme AX850 PRO	120	1861	NA	NA
GeForce 310	120	1859	1.11	\$108.35*
GeForce 405	120	1860	4.89	\$24.64*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 380M	120	1857	NA	NA
Radeon HD 2400	120	1858	1.37	\$88.20*
GeForce 9500M G	121	1856	NA	NA
GeForce GT 220M	121	1855	NA	NA
Qualcomm Adreno 618 GPU	122	1854	NA	NA
Radeon HD 4250	122	1852	NA	NA
Radeon HD 6310	122	1853	NA	NA
GeForce G100	123	1849	6.20	\$19.99*
Intel Haswell HD - GT1	123	1851	NA	NA
Radeon HD 7290M	123	1850	NA	NA
GeForce 8700M GT	124	1847	NA	NA
Quadro FX 1400	124	1848	0.51	\$245.01*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 3100	125	1845	NA	NA
GeForce 8500 GT	125	1845	NA	NA
GeForce 205	126	1844	NA	NA
GeForce 9300	126	1842	2.15	\$59.00*
Radeon HD 3300	126	1843	NA	NA
All-in-Wonder X1900	127	1841	NA	NA
GeForce Go 7600	127	1839	NA	NA
Quadro NVS 320M	127	1840	NA	NA
FireGL V7300	128	1836	0.11	\$1,189.99*
GeForce 6800 XT	128	1838	NA	NA
GeForce 9300 / nForce 730i	128	1833	NA	NA
Radeon HD 3450	128	1834	1.45	\$89.00*
Radeon HD 3470	128	1837	1.17	\$109.65*
Radeon HD 7310	128	1835	NA	NA
Mobility Radeon HD 3650	129	1832	1.76	\$73.53*
RADEON X800 SE	129	1831	NA	NA
MOBILITY RADEON X1800	130	1830	NA	NA
Quadro FX 380 LP	130	1829	NA	NA
Quadro FX 1600M	131	1828	0.87	\$149.90*
Quadro FX 380	131	1827	1.81	\$72.50*
VIA/S3G C-645/640 GPU	132	1826	NA	NA
Radeon R5 220	133	1825	1.56	\$85.26*
EAH5450	134	1823	1.22	\$109.99*
GeForce 7650 GS	134	1824	NA	NA
GeForce 9800 GT 1024MB	134	1822	NA	NA
Mobility Radeon X1900	134	1821	NA	NA
Mobility Radeon HD 4330	135	1820	NA	NA
GeForce 7300 GT	136	1817	0.91	\$149.99*
GeForce 8400 GS	136	1816	1.59	\$85.97*
GeForce 9500 GT	136	1818	1.58	\$85.99*
GeForce G200	136	1819	NA	NA
Mobility Radeon HD 4570	136	1815	1.80	\$75.90*
GeForce 6600 GT	137	1812	2.11	\$64.95*
GeForce 9600M GT	137	1811	1.76	\$78.20*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800 Ultra	137	1810	NA	NA
Radeon HD 5450	137	1809	1.45	\$94.96*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1900 CrossFire Edition	137	1813	NA	NA
GeForce 6800 Ultra	138	1807	NA	NA
Radeon HD 8180	138	1808	NA	NA
GeForce 8200	139	1804	NA	NA
Intel Haswell HD - GT2	139	1805	NA	NA
NVS 2100M	139	1806	NA	NA
nForce 760i SLI	140	1803	NA	NA
Radeon HD 4290	140	1800	NA	NA
Radeon HD 6290M	140	1802	NA	NA
RADEON HD 6350	140	1799	2.39	\$59.00*
Radeon X1800 GTO	140	1801	NA	NA
GeForce 6800 GT	142	1798	NA	NA
GeForce 9200M GE	143	1796	NA	NA
Radeon HD 6300M	143	1797	NA	NA
FirePro 2270	144	1795	1.08	\$134.00*
Radeon X1900 GT	145	1794	NA	NA
GeForce GT 130M	146	1793	NA	NA
GeForce Go 7700	147	1791	NA	NA
ZX Chrome 645/640 GPU	147	1792	NA	NA
Mobility Radeon HD 4350	148	1789	NA	NA
Quadro 400	148	1788	0.70	\$211.00*
Quadro FX 3450	148	1786	1.24	\$119.99*
Radeon HD 6320	148	1790	0.27	\$554.99*
S3 5400EW	148	1787	NA	NA
GeForce 305M	150	1784	NA	NA
Radeon HD 3650 AGP	150	1785	0.81	\$185.00*
GeForce 9500 GS	151	1782	NA	NA
Quadro FX 580	151	1781	1.17	\$130.00*
Radeon HD 3670	151	1780	NA	NA
Radeon X1950 CrossFire Edition	151	1783	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6600 GT	152	1779	NA	NA
Intel Q45/Q43 Express Chipset	153	1778	NA	NA
Radeon HD 4300/4500 Serisi	155	1776	NA	NA
Radeon HD 7340	155	1777	0.28	\$552.69*
GeForce 7600 GS	157	1775	0.90	\$175.00*
GeForce 315	158	1774	4.80	\$32.99*
GeForce GT 120M	159	1773	NA	NA
GeForce G102M	160	1772	NA	NA
Radeon HD 8350	162	1771	1.63	\$99.81*
GeForce 9200	165	1769	NA	NA
Intel HD manual-gen9_2015-133271	165	1768	NA	NA
Radeon HD 7350	165	1770	NA	NA
Radeon HD 7310M	166	1767	NA	NA
Mobility Radeon HD 2600	167	1766	NA	NA
GeForce GT 120	168	1765	5.63	\$29.99*
GeForce GT 325M	169	1764	NA	NA
FirePro 2460	170	1762	2.03	\$83.99*
Quadro FX 770M	170	1763	0.32	\$527.00*
Radeon HDG 4670	170	1761	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1500M	171	1760	NA	NA
Quadro FX 1700M	172	1759	NA	NA
Mobility Radeon HD 530v	174	1757	NA	NA
Radeon HD 7310 - Carte graphique	174	1758	NA	NA
GeForce Go 7900 GS	176	1756	NA	NA
GeForce 7800 GS	177	1755	NA	NA
FirePro 3D V3700	178	1754	2.10	\$84.99*
FireGL V3600	179	1752	1.12	\$160.99*
Radeon HD 6230	179	1753	NA	NA
Barco MXRT 7100	180	1751	NA	NA
Radeon HD 7310G	180	1750	NA	NA
Mobility Radeon HD 5430	181	1749	NA	NA
Quadro FX 3450/4000 SDI	182	1748	NA	NA
Radeon HD 8210	184	1747	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 2nd Generation SandyBridge HD 3000	188	1745	NA	NA
Mobility Radeon HD 540v	188	1745	NA	NA
NVS 5100M	189	1744	NA	NA
Mobility Radeon HD 2600 XT	191	1742	NA	NA
Mobility Radeon HD 4550	191	1743	NA	NA
Radeon HD 6430M	192	1741	NA	NA
Intel Infoshock HD	193	1739	NA	NA
Radeon HD 8210E	193	1740	NA	NA
GeForce 6800 GS	195	1738	NA	NA
Radeon HD 7340G	196	1737	NA	NA
Quadro FX 1500	197	1736	1.71	\$115.01*
Radeon HD 6320M	198	1735	NA	NA
Mobility Radeon HD 545v	199	1732	NA	NA
Radeon HD 6450	199	1733	2.24	\$89.00*
RADEON HD7450	199	1734	8.95	\$22.25*
GeForce GT 230M	200	1731	NA	NA
GeForce 7600 GT	201	1730	1.01	\$199.00*
GeForce 7950 GX2	201	1729	3.67	\$54.99*
GeForce GT 240M	203	1728	NA	NA
Barco MXRT 1450	205	1726	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1727	NA	NA
Radeon R3E	205	1725	NA	NA
Quadro NVS 290	207	1723	3.52	\$59.00*
Radeon HD 4650 AGP	207	1722	NA	NA
Radeon HD 6380G	207	1724	0.52	\$399.99*
GeForce 9700M GT	208	1720	NA	NA
GeForce GT 330M	208	1721	NA	NA
GeForce 320M	209	1717	NA	NA
GeForce Go 7800 GTX	209	1718	NA	NA
Radeon HD 8250	209	1719	NA	NA
GeForce Go 7600 GT	210	1716	NA	NA
Radeon HD 2600 PRO	211	1715	1.12	\$188.44*
Radeon R2E	212	1714	NA	NA
GeForce GT 220	213	1712	5.33	\$39.99*


Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 2000	210	1710	NA	NA
Mobility Radeon HD 5450	214	1710	NA	NA
Radeon HD 4650	214	1711	3.06	\$69.99*
Mobility Radeon. HD 5470	215	1709	NA	NA
Quadro FX 880M	215	1708	NA	NA
Radeon HD 6320 Graphic	216	1707	NA	NA
Quadro FX 2500M	217	1706	12.45	\$17.50*
Mobility FireGL V5725	219	1705	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1704	NA	NA
Radeon HD 7340M	221	1703	NA	NA
Radeon R5 230	221	1702	2.74	\$81.10*
GT 430	223	1701	1.56	\$142.88*
Radeon HD 7450	224	1700	4.50	\$49.99*
Quadro FX 4500	226	1699	1.34	\$169.00*
Radeon HD 6470M	227	1698	0.40	\$569.99*
Quadro FX 570	228	1697	1.99	\$115.00*
Intel Q965/Q963 Express	229	1696	NA	NA
Radeon E6465	231	1695	NA	NA
Mobility Radeon HD 3670	232	1694	NA	NA
Radeon HD 4550	235	1693	1.51	\$156.00*
Mobility Radeon HD 5470	236	1691	NA	NA
Quadro FX 4500 X2	236	1692	NA	NA
Radeon R2	237	1690	NA	NA
Radeon HD 8240	238	1689	NA	NA
Radeon HD 6410D	239	1688	NA	NA
Radeon HD4650	239	1687	1.57	\$152.90*
NVS 310	242	1685	3.91	\$62.06*
Quadro FX 5500	242	1686	0.12	\$1,999.00*
GeForce 7800 GT	244	1684	3.05	\$80.00*
Radeon HD 8280E	244	1683	NA	NA
GeForce 410M	247	1681	NA	NA
GeForce 7900 GT/GTO	247	1682	NA	NA
Radeon HD 7640G + 8600M Dual	249	1680	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6300	250	1679	NA	NA
GeForce GT 415	251	1678	NA	NA
Radeon HD 8330E	251	1677	NA	NA
Radeon HD 8470	251	1676	NA	NA
GeForce 7900 GS	253	1674	NA	NA
Quadro NVS 510M	253	1675	NA	NA
Radeon HD 6370D	254	1673	NA	NA
Intel HD 3000	256	1672	0.27	\$945.00*
GeForce 7900 GT	258	1671	1.30	\$199.00*
GeForce 510	259	1669	3.71	\$69.99*
Radeon HD 6480G	259	1670	NA	NA
NVS 4200M	260	1668	0.65	\$399.00*
Radeon HD 6450A	260	1667	NA	NA
Radeon HD 8400	261	1666	NA	NA
Intel G965 Express	262	1665	NA	NA
GeForce Go 7950 GTX	263	1663	NA	NA
Radeon HD 8490	263	1664	2.92	\$89.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 550v	266	1662	NA	NA
Radeon HD 7400G	267	1661	NA	NA
Radeon HD 5470	268	1660	NA	NA
Radeon HD 8400E	268	1659	NA	NA
Radeon HD 8280G	269	1658	NA	NA
GeForce 9650M GS	270	1657	NA	NA
GeForce Go 7900 GTX	270	1656	NA	NA
Qualcomm Adreno 630 GPU	273	1655	NA	NA
Radeon HD 6370M	275	1654	NA	NA
Radeon R5 235X	277	1653	NA	NA
GeForce 9700M GTS	278	1652	NA	NA
GeForce 9600 GS	281	1650	NA	NA
Radeon HD 7480D	281	1651	NA	NA
GeForce GT 520M	282	1649	9.42	\$29.95*
Radeon HD 2600 XT	282	1648	1.78	\$159.00*
GeForce GT 520MX	284	1645	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 5165	284	1647	NA	NA
GeForce GT 415M	286	1644	NA	NA
Intel HD P3000	286	1642	NA	NA
Radeon HD 8280	286	1643	NA	NA
GeForce 7950 Xtreme	287	1641	NA	NA
NVS 315	288	1639	4.12	\$69.99*
Radeon HD 7450A	288	1640	NA	NA
Radeon HD 7470	289	1638	3.55	\$81.37*
GeForce 7800 GTX	290	1637	4.06	\$71.60*
Quadro FX 3500	291	1636	4.23	\$68.98*
GeForce 610M	292	1635	NA	NA
Radeon HD 2900 GT	292	1634	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1633	NA	NA
GRID K120Q	293	1632	NA	NA
Radeon HD 7500G	293	1631	NA	NA
Radeon R5E	296	1630	NA	NA
Intel HD 500	297	1628	NA	NA
Radeon R3	297	1629	NA	NA
Radeon HD 6520G	299	1627	NA	NA
Radeon R1E	301	1626	NA	NA
GeForce GT 520	302	1624	1.00	\$304.00*
GeForce GT 610	302	1625	2.16	\$139.99*
Radeon HD 8350G	304	1623	NA	NA
Quadro FX 3500M	306	1622	3.06	\$99.99*
Radeon HD 7420G	306	1621	NA	NA
GeForce 605	308	1620	2.25	\$136.83*
Radeon HD 7520G + 8600/8700M Dual	311	1619	NA	NA
Radeon HD 7600G	311	1618	NA	NA
Radeon HD 7520G	314	1617	NA	NA
Mobility Radeon HD 560v	318	1616	NA	NA
GeForce 240M GT	319	1615	NA	NA
FirePro V3800	320	1612	2.57	\$124.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6370	320	1614	NA	NA
RADEON HD6370D	320	1614	NA	NA
GeForce GT 230	323	1611	7.35	\$43.99*
Radeon E6460	323	1610	NA	NA
GeForce GT 120 / 9500 GT	324	1609	NA	NA
Intel UHD Graphics 600	326	1608	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1607	NA	NA
GeForce 9600 GSO 512	329	1604	NA	NA
Radeon HD 7450M	329	1606	NA	NA
Radeon R4	329	1605	0.83	\$396.99*
GeForce 8800 GS	330	1603	NA	NA
Radeon R5 310	331	1602	0.66	\$499.00*
Radeon HD 6530D	332	1601	NA	NA
Radeon HD 7540D	332	1600	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	333	1599	NA	NA
FirePro RG220	335	1598	0.52	\$650.18*
GeForce GT 705	336	1597	1.13	\$296.76*
Radeon HD 8570D + HD 8470 Dual	338	1596	NA	NA
GeForce 9600 GSO	339	1595	6.79	\$49.99*
Radeon HD 7660D + HD 7400 Dual	339	1594	NA	NA
Radeon HD 8310E	340	1593	NA	NA
FireGL V5600	341	1592	1.52	\$225.00*
FirePro 3D V3750	341	1591	6.71	\$50.88*
GeForce GT 625	341	1589	NA	NA
Intel HD 4000	341	1590	0.21	\$1,592.95*
Radeon R5 235	341	1588	5.68	\$60.13*
GeForce 7950 GT	344	1587	1.69	\$203.99*
Intel HD 505	346	1585	NA	NA
Quadro FX 2700M	346	1586	3.46	\$99.95*
Radeon HD 7580D	350	1584	NA	NA
Radeon HD 7620G	352	1583	NA	NA
Mobility Radeon HD 565v	353	1582	NA	NA
Radeon HD 6480M	353	1581	NA	NA
Radeon HD 6620G	355	1580	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + HD 7660M / 7660M Dual	358	1578	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1578	NA	NA
Radeon 3015e	360	1576	NA	NA
Radeon HD 8470D	360	1577	NA	NA
GeForce GT 620	362	1575	2.35	\$154.00*
Radeon HD 7660G + HD 8600M Dual	363	1574	NA	NA
Radeon HD 8450G	363	1573	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1572	NA	NA
Mobility Radeon HD 3850	365	1570	NA	NA
Radeon HD 8510G	365	1571	NA	NA
Radeon HD4670	365	1569	NA	NA
Matrox Millennium P690 PCIe x16	366	1568	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1566	NA	NA
Intel UHD Graphics 605	368	1567	NA	NA
PHDGD Ivy 4	374	1563	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 3700	374	1564	1.76	\$213.27*
Radeon HD 8570D + HD8490 Dual	374	1565	NA	NA
Radeon HD 5550	376	1562	6.84	\$54.99*
Radeon HD 7520G + 8750M Dual	376	1560	NA	NA
Radeon HD 7600G + 6400M Dual	376	1561	NA	NA
Radeon HD 6490M	377	1559	0.32	\$1,193.03*
Radeon HD 4670	380	1558	2.66	\$142.96*
GeForce 9800M GT	381	1556	NA	NA
GeForce GT 130	381	1557	2.52	\$151.34*
GeForce 8800M GTS	382	1555	NA	NA
GeForce 7900 GTX	387	1554	NA	NA
GeForce GTX 260M	388	1553	NA	NA
Incredible HD	389	1552	NA	NA
Intel HD 5300	389	1551	NA	NA
Radeon HD 7600G + 7450M Dual	389	1550	NA	NA
Radeon R5 Opteron X3216	394	1549	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6880	399	1516	NA	NA
GeForce 9800M GTS	401	1547	NA	NA
Mobility Radeon HD 4650	401	1546	NA	NA
Quadro FX 1800	403	1545	2.99	\$135.00*
Radeon HD 3850	404	1543	NA	NA
Radeon HD 8500M	404	1544	NA	NA
RADEON E4690	405	1541	NA	NA
Radeon HD 6550D	405	1542	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1540	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1539	NA	NA
GeForce GT 335M	407	1538	NA	NA
GeForce GTS 350M	407	1535	NA	NA
Radeon HD 7470M	407	1536	NA	NA
Radeon HD 8550G	407	1537	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1534	NA	NA
GeForce 810M	410	1533	NA	NA
GeForce GT 420	413	1531	2.67	\$155.00*
Radeon R5 M230	413	1532	NA	NA
GeForce GT 330	414	1530	10.36	\$39.99*
GeForce GT 420M	417	1529	NA	NA
Intel 4th Generation Haswell HD	419	1528	NA	NA
Radeon R5 M320	420	1527	NA	NA
Radeon HD 8570M	421	1526	NA	NA
Quadro FX 2800M	422	1525	2.22	\$190.00*
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1524	NA	NA
RADEON HD6410D	422	1523	NA	NA
FirePro M2000	423	1520	NA	NA
Radeon HD 7600G + 7550M Dual	423	1522	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1521	NA	NA
Radeon R5 M240	424	1519	NA	NA
Surface Duo Adreno 640 GPU	425	1518	NA	NA
GeForce 800A	428	1517	NA	NA
Radeon HD 8610G	428	1516	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4600	429	1515	1.29	\$333.25*
Radeon HD 7570M	430	1514	NA	NA
Radeon HD 3850 AGP	432	1512	NA	NA
Radeon HD 8570D	432	1513	NA	NA
Radeon HD 7600G + HD Dual	435	1510	NA	NA
Radeon HD 8410G	435	1511	NA	NA
GeForce GT 620M	440	1509	NA	NA
Radeon HD 7650M	441	1508	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1507	NA	NA
Quadro 410	443	1506	3.44	\$129.00*
GeForce 8800 GTS	444	1505	5.56	\$79.99*
PHDGD Ivy 5	445	1504	NA	NA
Radeon HD 7660G + 8600M Dual	445	1503	NA	NA
GeForce GT 710M	447	1502	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1501	NA	NA
Mobility Radeon HD 5650	450	1500	NA	NA
GeForce GT 625M	451	1499	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1498	NA	NA
GeForce 800M	452	1496	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1497	NA	NA
GeForce GT 320	453	1494	13.88	\$32.69*
Radeon HD 7520G + 7650M Dual	453	1495	NA	NA
GeForce 9800M GTX	454	1493	1.38	\$328.50*
GeForce 705M	455	1492	NA	NA
Intel HD Family	456	1490	NA	NA
Quadro FX 3700M	456	1491	0.49	\$925.00*
GeForce GT 525M	459	1489	NA	NA
GeForce 9800M GS	460	1487	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1488	NA	NA
GeForce 710M	462	1485	NA	NA
GeForce 8800M GTX	462	1486	NA	NA
Mobility Radeon HD 4670	463	1483	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G	463	1482	NA	NA
Radeon HD 7640G	463	1482	NA	NA
FirePro V5700	464	1481	2.47	\$188.06*
Radeon HD 7550M	464	1480	NA	NA
Radeon HD 7660D + 7470 Dual	465	1479	NA	NA
SUMO 9644	465	1478	NA	NA
GeForce 710A	466	1477	NA	NA
Quadro FX 1800M	466	1476	NA	NA
Quadro FX 3600M	466	1475	NA	NA
GeForce GT 720M	467	1474	NA	NA
Radeon R5 M315	469	1473	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1471	NA	NA
Radeon R5 M420	470	1472	NA	NA
Radeon HD 7660G	471	1470	NA	NA
FirePro 3D V3800	472	1469	3.15	\$149.99*
GeForce 9800 GT	473	1467	6.32	\$74.99*
Radeon R7 M260	473	1468	0.59	\$799.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 8570M Dual	474	1466	NA	NA
Radeon HD 8450G + 8670M Dual	474	1465	NA	NA
Radeon R6 A8-8600P	474	1464	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1463	NA	NA
Radeon HD 7670M	476	1462	0.76	\$629.99*
Mobility Radeon HD 3870 X2	477	1461	NA	NA
Mobility Radeon HD 5000 Serisi	478	1459	NA	NA
Radeon 3020e	478	1460	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1458	NA	NA
Radeon HD 8690A	481	1457	NA	NA
Radeon HD 5570	482	1456	2.68	\$179.99*
Radeon HD 7520G + 7400M Dual	486	1455	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1453	NA	NA
Radeon R4E	487	1454	NA	NA
GeForce GT 540M	488	1452	5.56	\$87.95*

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6670 + HD 6670 Dual	488	1451	NA	NA
8670D Dual	488	1451	NA	NA
Radeon HD8530M	490	1450	NA	NA
GeForce GT625M	493	1449	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1448	NA	NA
ASUS EAH4870x2	496	1447	NA	NA
GeForce 9600 GT	496	1446	7.64	\$64.99*
Radeon HD 7500G + 7550M Dual	497	1445	NA	NA
SUMO 964A	497	1444	NA	NA
Mobility Radeon HD 5730	498	1441	NA	NA
Radeon R7 M265DX	498	1442	NA	NA
TRINITY SCRAPPER MOBILE	498	1443	NA	NA
GeForce 8800 GT	502	1440	7.17	\$69.99*
Radeon HD 8450G + HD 8750M Dual	503	1439	NA	NA
GeForce GTS 150M	504	1438	NA	NA
Radeon 6600M	505	1437	NA	NA
GeForce 820M	506	1434	NA	NA
GeForce 9800 GTX+	506	1435	NA	NA
Radeon HD 7660D	506	1433	NA	NA
Radeon Vega 2	506	1436	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1432	NA	NA
Radeon HD 7620G + 8600M Dual	508	1430	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1431	NA	NA
GeForce 615	509	1428	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1429	NA	NA
Radeon HD 7640G + 7610M Dual	510	1427	NA	NA
Mobility Radeon HD 4830	511	1426	NA	NA
Radeon R5 330	512	1425	1.51	\$339.99*
Intel HD P4000	516	1424	NA	NA
Incredible HD 4000	517	1423	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1422	NA	NA
GeForce GT 435M	519	1420	NA	NA
Intel HD 4400	519	1421	NA	NA
Radeon HD 8670M	520	1418	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	520	1419	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 5200M	521	1417	NA	NA
Radeon R5 M255	522	1416	NA	NA
GeForce GT 425M	523	1414	NA	NA
Radeon HD 7520G + 7670M Dual	523	1415	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1413	NA	NA
Radeon R5 240	525	1412	6.18	\$85.00*
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1411	NA	NA
Radeon HD 7640G + 6400M Dual	526	1410	NA	NA
GeForce GT 240	528	1409	3.28	\$160.97*
Radeon HD 8550G + HD 8570M Dual	529	1408	NA	NA
Radeon Vega 3 Athlon Silver 3050e	530	1407	NA	NA
RADEON HD6530D	531	1406	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1405	NA	NA
Radeon HD 8550G + 8570M Dual	532	1404	NA	NA
GRID K180Q	533	1403	NA	NA
Radeon R6 A10-8700P	533	1402	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1401	NA	NA
Radeon R7 M265	537	1400	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1399	NA	NA
Quadro FX 5600	539	1398	1.83	\$295.00*
Qualcomm Adreno 675 GPU	539	1397	NA	NA
Radeon HD 7520G + 7470M Dual	542	1396	NA	NA
Radeon HD 8670D	542	1395	NA	NA
Quadro FX 2700	543	1394	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1393	NA	NA
Mobility Radeon HD 5570	544	1392	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1391	NA	NA
FirePro 3D V7750	545	1390	1.56	\$350.00*
Radeon HD 8450G + 8600M Dual	545	1389	NA	NA
FirePro 3D V5700	546	1386	1.71	\$319.99*
Quadro 600	546	1387	7.19	\$76.00*
Radeon HD 8550G + HD 8670M Dual	546	1388	NA	NA
GeForce GT 630M	547	1384	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 M335	548	1383	NA	NA
FireGL V8650	550	1382	1.84	\$298.99*
Radeon R7 7850A10-7850K	551	1381	NA	NA
GF117	554	1380	NA	NA
Radeon HD 8650G	555	1379	NA	NA
GeForce 820A	557	1378	NA	NA
Radeon HD 7640G + 8570M Dual	558	1377	NA	NA
Radeon HD 7640G + 8670M Dual	558	1375	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1374	NA	NA
Radeon R7 M360	558	1376	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1373	NA	NA
Radeon HD 6570	562	1371	8.66	\$64.99*
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1372	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1370	NA	NA
Radeon R7E	564	1369	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6610M	565	1368	NA	NA
Radeon HD 3870	566	1367	8.09	\$69.99*
GeForce GT 635M	567	1366	NA	NA
Radeon HD 7560D + 6450 Dual	568	1365	NA	NA
GeForce GTS 250M	569	1364	NA	NA
Quadro 500M	570	1362	2.07	\$275.14*
Radeon R6 + R7 M265DX Dual	570	1363	NA	NA
Intel HD 5000	573	1361	0.92	\$625.00*
Radeon HD 7520G + HD 7700M Dual	574	1357	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1359	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1360	NA	NA
Radeon R5 420	574	1358	14.39	\$39.95*
GeForce GTX 280M	575	1355	NA	NA
Radeon HD 7650A	575	1356	2.20	\$262.00*
Intel Skylake HD DT GT2	576	1353	NA	NA
Radeon R5 A240	576	1354	NA	NA


Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7200 + 6670M Dual	577	1351	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1351	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1350	NA	NA
Quadro 1000M	579	1349	10.63	\$54.50*
Radeon HD 8550G + 8670M Dual	579	1348	NA	NA
Intel HD 5500	582	1346	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1347	NA	NA
GeForce GT 550M	583	1345	NA	NA
GeForce GT 820M	584	1344	NA	NA
Radeon HD 7640G + 8500M Dual	585	1342	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1343	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1340	NA	NA
Radeon R5 A6-8500P	586	1341	NA	NA
Radeon HD 7660G + 8670M Dual	587	1339	NA	NA
Radeon HD 7520G + 7610M Dual	588	1337	NA	NA
Radeon HD 7660G + 7400M Dual	588	1338	NA	NA
Radeon HD 8610G + 8600M Dual	588	1336	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1335	NA	NA
GeForce 910M	591	1333	NA	NA
Radeon HD 7520G + 7600M Dual	591	1334	NA	NA
GeForce GTS 240	592	1332	9.12	\$64.99*
Radeon HD 8550G + HD 8600M Dual	593	1331	NA	NA
GeForce 8800 GTS 512	595	1327	NA	NA
GeForce 8800 GTX	595	1328	4.96	\$119.99*
Radeon HD 7640G + 7470M Dual	595	1329	NA	NA
Radeon R5 M330	595	1326	NA	NA
Radeon R7 PRO A12-8830B	595	1330	NA	NA
GeForce GT 430	596	1324	4.26	\$139.99*
Radeon HD 8510G + 8500M Dual	596	1325	NA	NA
Matrox C420 LP PCIe x16	597	1323	NA	NA
Radeon R7 PRO A12-8800B	597	1322	NA	NA
Radeon HD 8610G + 8670M Dual	599	1320	NA	NA
Radeon R8 M365DX	599	1321	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 750Ti	600	1319	NA	NA
Radeon HD 8550G + 8500M Dual	602	1318	NA	NA
Intel HD P4600	604	1316	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	604	1317	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1315	NA	NA
Radeon R6 M255DX	605	1314	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1313	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1312	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1311	6.76	\$89.99*
7900 MOD - Radeon HD 6520G	610	1307	NA	NA
GeForce GT 735M	610	1305	NA	NA
Quadro K510M	610	1309	NA	NA
Qualcomm Adreno 680 GPU	610	1308	NA	NA
Radeon HD 8610G + 8500M Dual	610	1310	NA	NA
Radeon Vega 3 Athlon Gold 3150U	610	1306	NA	NA
GeForce GT 720	611	1304	6.12	\$99.99*
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1303	NA	NA
Radeon HD 8650G + 8600M Dual	613	1302	NA	NA
Radeon Vega 3 Athlon 320GE	613	1301	NA	NA
FireGL V7600	615	1299	NA	NA
Quadro FX 3800M	615	1300	NA	NA
Radeon HD 7660G + HD 7600M Dual	615	1298	NA	NA
GeForce GTS 250	616	1297	8.81	\$69.99*
Radeon HD 7500G + 7500M/7600M Dual	616	1296	NA	NA
Radeon HD 8550G + 8600M Dual	617	1295	NA	NA
Radeon HD 7570	619	1292	6.05	\$102.49*
Radeon HD 8550G + R5 M200 Dual	619	1293	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1294	NA	NA
Radeon HD 8570 + 8670D Dual	620	1291	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1289	NA	NA
Radeon R6	621	1290	NA	NA
GeForce 810A	622	1288	NA	NA
Intel HD 510	623	1287	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7250 + HD 6500/6750 Dual	625	1286	NA	NA
Radeon HD 8650G + 8500M Dual	626	1285	NA	NA
Radeon HD 2900 PRO	627	1283	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1284	NA	NA
GRID K160Q	628	1282	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1281	NA	NA
Radeon Athlon Silver 3050U	630	1280	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1278	NA	NA
Radeon HD 7660G + 7470M Dual	630	1279	NA	NA
Intel HD 4600	631	1276	NA	NA
Intel HD 515	631	1277	NA	NA
Radeon HD 7610M	632	1275	NA	NA
GeForce GT 710	633	1274	2.53	\$249.99*
Radeon HD 7660D + HD 7000 Dual	633	1273	NA	NA
NVS 5400M	634	1272	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1271	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9800 S	635	1269	NA	NA
Radeon HD 8650G + 8670M Dual	635	1270	NA	NA
Radeon HD 7640G + 7400M Dual	637	1267	NA	NA
Radeon HD 8450G + 8750M Dual	637	1268	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1266	NA	NA
Intel HD 5600	639	1265	NA	NA
GeForce 8800 Ultra	642	1264	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	642	1263	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1262	NA	NA
Intel HD P4600/P4700	644	1261	NA	NA
Radeon HD 7640G + 7670M Dual	644	1260	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1259	NA	NA
Radeon HD 6670 + 6670 Dual	646	1258	NA	NA
FireStream 9170	647	1257	NA	NA
Radeon R5 M430	648	1256	NA	NA
FirePro V3900	649	1255	2.73	\$238.44*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Sumo 9640	650	1252	1.65	\$395.00*
GRID K1	650	1254	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1251	NA	NA
Radeon HD 7640G + 8750M Dual	654	1248	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1249	NA	NA
Radeon HD 8650G + 8570M Dual	654	1250	NA	NA
GeForce GT 140	657	1247	NA	NA
Radeon R7 A360	657	1246	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1245	NA	NA
Radeon HD 2900 XT	659	1244	NA	NA
Radeon R7 M340	659	1243	NA	NA
FireGL V7700	660	1242	9.43	\$69.99*
Radeon HD 5600/5700	660	1241	NA	NA
GeForce 720A	662	1240	NA	NA
GeForce GT 555M	662	1239	3.74	\$177.20*
Radeon HD 8550G + 8690M Dual	664	1237	NA	NA
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	664	1238	NA	NA
FirePro M7740	665	1236	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1235	NA	NA
GeForce GTS 360M	666	1234	NA	NA
GeForce GT 740A	667	1233	NA	NA
GeForce GT 640M LE	669	1232	0.79	\$849.99*
Radeon R7 A8 PRO-7600B	669	1231	NA	NA
Radeon R8 M535DX	670	1230	NA	NA
Radeon Vega 3 3020e	670	1229	NA	NA
Quadro FX 4700 X2	676	1228	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1227	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1226	NA	NA
GeForce GTS 160M	678	1225	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1224	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1223	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GT 530</u>	684	1219	13.98	\$49.00*
<u>GeForce GT 630</u>	684	1220	4.66	\$147.01*
<u>Radeon HD 6630M</u>	684	1221	NA	NA
<u>Radeon HD 8550D</u>	685	1218	NA	NA
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1217	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1216	NA	NA
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	1215	NA	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	1214	NA	NA
<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	1213	NA	NA
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	695	1212	NA	NA
<u>Radeon HD 8730M</u>	698	1211	NA	NA
<u>Radeon HD 7570M/HD 7670M</u>	699	1210	NA	NA
<u>Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C</u>	699	1208	NA	NA
<u>TRINITY DEVASTATOR MOBILE</u>	699	1209	NA	NA
<u>Intel HD 610</u>	700	1207	NA	NA
<u>Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</u>	702	1206	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	1205	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7670M Dual</u>	704	1203	NA	NA
<u>Radeon R5 A6-7480</u>	704	1204	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	1202	NA	NA
<u>Radeon HD 7660G + HD 7670M Dual</u>	706	1200	NA	NA
<u>Radeon R7 PRO A10-9700B</u>	706	1201	NA	NA
<u>Radeon HD 6550A</u>	707	1199	NA	NA
<u>Radeon R7 PRO A12-9800B</u>	707	1198	NA	NA
<u>Radeon HD 3870 X2</u>	708	1197	NA	NA
<u>Radeon R7 A10-7800</u>	708	1196	NA	NA
<u>Radeon HD 7660G + HD 8670M Dual</u>	711	1195	NA	NA
<u>Radeon Athlon Gold 3150U</u>	715	1194	NA	NA
<u>Radeon HD 8650G + HD 8570M Dual</u>	716	1193	NA	NA
<u>Radeon HD 8470D + 6450 Dual</u>	717	1192	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	1191	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7540D + 6570 Dual	719	1190	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1188	NA	NA
NVS 510	721	1187	2.82	\$255.53*
Quadro K610M	721	1186	3.01	\$240.00*
Radeon HD 7730M	721	1185	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1183	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1184	NA	NA
Intel UHD Graphics 610	723	1182	NA	NA
GeForce 920M	727	1179	NA	NA
GRID K140Q	727	1180	NA	NA
Intel HD 615	727	1181	NA	NA
Radeon HD 7550M/7650M	728	1177	NA	NA
Radeon R7 A12-9700P RADEON	728	1178	1.67	\$435.92*
Radeon R5 A10-9620P 4C+6G	731	1176	NA	NA
Radeon HD 6670	733	1175	10.64	\$68.99*
Radeon R7 PRO A8-8650B	735	1174	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1172	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7650K	737	1173	NA	NA
GeForce GT 340	738	1170	13.93	\$52.99*
Intel Poison Ivy	738	1169	NA	NA
Radeon HD 7670M + 7670M Dual	738	1171	NA	NA
Radeon R7 FX-9800P RADEON	740	1168	1.40	\$530.00*
Radeon HD 8650G + 7600M Dual	741	1167	NA	NA
GeForce GT 730A	742	1166	NA	NA
Radeon HD 7660G + 7670M Dual	743	1165	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1164	NA	NA
Radeon HD 7660G + 7610M Dual	745	1163	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1162	NA	NA
Radeon HD 7640G + 7650M Dual	747	1160	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1161	NA	NA
Incredible HD 4600	749	1158	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6850	749	1158	NA	NA
Radeon R7 A12-9720P RADEON	750	1156	2.05	\$365.48*
Radeon R7 M270	750	1157	NA	NA
Intel Iris 5100	751	1155	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1154	NA	NA
Radeon HD 7640G + 7450M Dual	754	1153	NA	NA
Quadro 1100M	755	1152	NA	NA
Radeon HD 7660G + 7700M Dual	757	1151	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1150	NA	NA
Radeon R7 PRO A10-8750B	757	1149	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1148	NA	NA
Radeon HD 6650M	759	1147	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	759	1146	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1145	NA	NA
Quadro K600	761	1144	12.64	\$60.24*
Radeon HD 6450 + 8470D Dual	762	1143	NA	NA
Mobility Radeon HD 5850	763	1142	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1141	NA	NA
Intel UHD Graphics 615	764	1140	NA	NA
Quadro K420	768	1139	2.86	\$269.00*
Radeon R7 M365X	768	1138	NA	NA
GeForce 9800 GTX	769	1137	10.26	\$74.99*
Radeon HD 4810	769	1136	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1135	NA	NA
GeForce 730A	771	1134	NA	NA
Mobility Radeon HD 5000	773	1132	NA	NA
Radeon HD 7600M + 7600M Dual	773	1130	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1131	NA	NA
Radeon R7 A10-8850	773	1133	NA	NA
GeForce GT 440	775	1128	3.45	\$225.00*
Radeon HD 7640G + 7500M/7600M Dual	775	1129	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1127	NA	NA
Radeon R7 A10-7890K	777	1126	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6670 + HD 6750M Dual	778	1125	NA	NA
Quadro 2000M	780	1124	3.40	\$229.74*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A365	781	1123	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1122	NA	NA
Radeon R7 A8-7600	782	1121	NA	NA
GeForce 825M	783	1120	NA	NA
Radeon HD 8650G + 8750M Dual	786	1119	NA	NA
A40-6Q	787	1118	NA	NA
GeForce GT 740M	788	1116	NA	NA
Radeon HD 5670	788	1117	11.76	\$67.00*
Quadro K1000M	789	1115	11.29	\$69.95*
Quadro FX 3800	794	1114	3.07	\$259.13*
Radeon HD 8550G + 8750M Dual	795	1112	NA	NA
Radeon R8 M445DX	795	1113	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1111	NA	NA
GeForce 9800 GX2	797	1110	4.09	\$195.00*
Radeon HD 8650G + HD 8790M Dual	799	1109	NA	NA
Radeon R7 A10-7700K	799	1108	NA	NA
Radeon R5 M435	801	1107	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1106	NA	NA
Radeon HD 6800M	808	1105	NA	NA
Radeon R7 PRO A10-8770E	810	1103	NA	NA
Radeon R7 PRO A10-9700	810	1104	NA	NA
Radeon HD 8670D + 7000 Dual	811	1102	NA	NA
Radeon 535DX	813	1099	NA	NA
Radeon R7 A10 PRO-7800B	813	1101	NA	NA
Radeon R9 M280X	813	1100	NA	NA
Radeon R7 A10 Extreme Edition	816	1098	NA	NA
Radeon R7 M260DX	816	1097	NA	NA
Radeon R7 FX-8800P	818	1096	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1095	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1094	NA	NA
GeForce GT 730M	821	1093	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7470D + 7600 Dual	821	1092	NA	NA
Radeon R7 A8-7680	821	1092	NA	NA
Radeon HD 3850 X2	822	1090	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1089	NA	NA
GeForce GT 730	825	1087	7.50	\$109.99*
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	825	1088	NA	NA
GRID M60-0Q	827	1086	NA	NA
Intel HD 5200	830	1085	NA	NA
Radeon HD 7660G + 7600M Dual	831	1084	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1082	NA	NA
Radeon Vega 3 Athlon Silver 3050U	831	1083	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1081	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	832	1080	NA	NA
Radeon HD 7560D + 6570 Dual	833	1079	NA	NA
Radeon HD 7670	833	1078	NA	NA
Radeon Ryzen 3 3250U	833	1077	NA	NA
Radeon HD 6650A	835	1075	NA	NA
Radeon R7 A8-9600 RADEON	835	1076	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + R5 235 Dual	836	1074	NA	NA
Radeon HD 8470D + 6570 Dual	837	1073	NA	NA
FireGL V8600	838	1072	NA	NA
GeForce GT 635	839	1071	12.55	\$66.94*
Radeon R5 435	840	1070	NA	NA
GeForce GT 445M	843	1069	NA	NA
Radeon HD 4830	845	1068	14.09	\$59.99*
Radeon R5 PRO A6-8570 2C+6G	847	1067	NA	NA
Radeon Vega 3 Ryzen 3 3200U	847	1066	NA	NA
Radeon R7 A8-7670K	848	1065	NA	NA
Radeon Vega 3 Ryzen 3 3250U	849	1064	NA	NA
Radeon HD 8500M/8700M	852	1063	NA	NA
FirePro 3D V4800	853	1060	5.33	\$159.99*
Qualcomm Adreno 685 GPU	853	1059	NA	NA

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7500 4C+6G	853	1062	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	1058	NA	NA
Intel HD 6000	855	1057	NA	NA
Radeon 520	861	1056	9.57	\$89.99*
Radeon HD 8470D + HD 6450 Dual	862	1055	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	862	1054	NA	NA
Mobility Radeon HD 4850	866	1053	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1052	NA	NA
Radeon Vega 3 Athlon 300U	868	1051	NA	NA
Radeon R7 G	869	1050	NA	NA
Intel HD 520	871	1049	NA	NA
GeForce 920A	876	1047	NA	NA
Radeon E6760	876	1048	3.65	\$239.99*
Radeon R7 A10-8750	878	1046	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1045	NA	NA
Radeon HD 8650G + 7670M Dual	883	1043	NA	NA
Radeon R7 240	883	1044	8.03	\$109.99*
Radeon R7 M440	883	1042	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1040	NA	NA
Radeon R7 PRO A10-8770	885	1041	NA	NA
Radeon Vega 3	886	1039	0.33	\$2,677.99*
Intel UHD Graphics 617	887	1038	NA	NA
Radeon HD 4770	887	1037	14.80	\$59.99*
7900 MOD - Radeon HD 6550D	892	1035	NA	NA
FirePro W2100	892	1036	15.13	\$59.00*
Radeon 620	897	1034	NA	NA
Radeon R7 + R5 Dual	897	1033	NA	NA
Barco MXRT 2600	900	1032	4.52	\$199.00*
Barco MXRT 7400	900	1031	9.10	\$99.00*
Radeon HD 8550G + 7600M Dual	901	1030	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	901	1029	NA	NA
Radeon R7 A10-7860K	906	1028	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7500	907	1026	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M6-0B	911	1024	NA	NA
Radeon 6750M	911	1025	NA	NA
GeForce GT 640M	912	1021	NA	NA
GRID K220Q	912	1023	NA	NA
Radeon R7 A8-8650	912	1022	NA	NA
GRID M10-0Q	913	1020	NA	NA
Radeon R7 A10 PRO-7850B	914	1019	NA	NA
Radeon R7 A10-9700 RADEON	916	1018	NA	NA
GeForce GT 645M	917	1016	NA	NA
Radeon R7 240 + HD 8570D Dual	917	1017	NA	NA
Radeon R7 PRO A12-8870	919	1015	NA	NA
Intel Iris Pro 6100	925	1014	NA	NA
Intel HD Graphics 620	927	1013	NA	NA
FirePro M4150	928	1012	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1011	NA	NA
Radeon HD 7660G + 7730M Dual	931	1010	NA	NA
Radeon R7 PRO A12-9800	933	1009	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1008	NA	NA
Radeon HD 4850	936	1007	2.48	\$378.00*
Radeon R7 PRO A12-9800E	936	1006	NA	NA
Radeon HD 6750M	937	1005	NA	NA
Radeon R7 A12-9800E RADEON	940	1003	6.76	\$139.19*
Radeon R9 M375	940	1004	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1002	NA	NA
Quadro 2000	942	1001	4.42	\$213.23*
Radeon HD 8750M	944	1000	NA	NA
Radeon HD 6670/7670	945	997	NA	NA
Radeon HD 7640G + 7690M Dual	945	998	NA	NA
Radeon R7 PRO A10-8850B	945	999	NA	NA
Quadro CX	947	996	6.32	\$149.95*
Radeon HD 8570 + HD 7660D Dual	949	995	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 5470 + R7 240 Dual	950	991	NA	NA
Radeon R5 430	952	993	16.15	\$59.00*
Radeon R7 M445	952	992	1.28	\$744.00*
Radeon R6 Opteron X3418	955	991	NA	NA
Qualcomm Adreno 690 GPU	962	988	NA	NA
Radeon HD 8570	962	990	9.75	\$98.68*
Radeon R7 PRO A8-9600	962	989	NA	NA
Radeon HD 8570D + R7 240 Dual	963	987	NA	NA
Radeon HD 6770M	964	986	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	985	NA	NA
Radeon R7 PRO A12-8870E	966	984	NA	NA
Radeon R6 A10-9600P 4C+6G	970	983	NA	NA
Radeon HD 8850M	973	982	NA	NA
Radeon HD 8670D + 8570 Dual	974	981	NA	NA
Quadro 2000D	975	980	6.96	\$140.00*
FirePro V4900	977	979	6.51	\$149.99*
Radeon R5 A10-9630P 4C+6G	977	978	NA	NA
Radeon R7 PRO A10-9700E	978	977	1.85	\$529.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7850K	979	976	NA	NA
Radeon HD 7560D + 7560D Dual	982	975	NA	NA
Radeon Ryzen 5 3450U	983	974	NA	NA
Radeon HD 8690M	984	972	NA	NA
Radeon R5 340	984	973	NA	NA
Radeon R5 PRO A6-8570 R5_8 COMPUTE CORES 2C+6G	984	971	NA	NA
Radeon HD 7560D + 7570 Dual	985	970	NA	NA
Radeon 530	993	969	NA	NA
Radeon R7 A265	993	968	NA	NA
Intel HD 530	994	967	NA	NA
Quadro FX 4800	995	966	4.88	\$204.00*
Radeon HD 7640G + HD 8750M Dual	996	965	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	964	NA	NA
Radeon HD 8570D + R7 200 Dual	999	963	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600 + HD 7600/7600 7500/7600 Dual	1002	962	NA	NA
Radeon HD 7690M	1003	961	NA	NA
GeForce 830M	1005	960	NA	NA
Radeon R7 M260X	1006	959	NA	NA
Quadro 3000M	1009	956	14.43	\$69.99*
Radeon HD 7690M XT	1009	958	NA	NA
Radeon Vega 3 Mobile	1009	957	NA	NA
GeForce 930M	1014	955	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	954	NA	NA
FirePro W4170M	1016	953	NA	NA
Radeon HD 6700M	1016	952	NA	NA
Quadro K2000M	1017	951	7.06	\$144.04*
Radeon HD 6750	1020	949	12.76	\$79.99*
Radeon HD 8670D + R7 240 Dual	1020	950	NA	NA
Radeon R7 + R5 330 Dual	1028	948	NA	NA
Radeon HD 8600/8700M	1029	947	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	946	NA	NA
Intel UHD Graphics 620	1036	945	NA	NA
Radeon HD 8570D + 6670 Dual	1039	944	NA	NA
Radeon R7 M350	1042	943	NA	NA
Radeon R7 + R7 240 Dual	1045	942	NA	NA
Radeon R7 340	1045	941	NA	NA
Radeon R7 A12-9730P RADEON	1047	940	NA	NA
GeForce GTX 850A	1049	939	NA	NA
Radeon HD 7670A	1050	938	NA	NA
OPAL XT/GL	1053	937	NA	NA
Radeon R9 M265X	1054	936	NA	NA
Radeon Vega 3 Athlon 3000G	1056	935	NA	NA
Firepro M4100	1059	934	NA	NA
Radeon HD 7520G + 7700M Dual	1060	933	NA	NA
Radeon HD 7660D + 7670 Dual	1061	932	NA	NA
Radeon 535	1069	931	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	930	NA	NA
GeForce 840M	1075	929	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 970	1079	927	NA	\$199.99
GeForce 920MX	1079	927	NA	NA
MIRRORV3	1080	925	NA	NA
Radeon R7 M465	1080	926	NA	NA
Quadro K1100M	1084	924	3.36	\$322.99*
GeForce GT 745M	1088	923	NA	NA
Radeon R7 250	1089	922	5.74	\$189.97*
GeForce GT 545	1090	921	19.62	\$55.59*
GeForce GTX 850M - MODDED	1091	920	NA	NA
Mobility Radeon HD 5870	1092	919	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	918	NA	NA
Radeon R7 M460	1099	917	NA	NA
Quadro 2100M	1100	916	NA	NA
Radeon HD 7660D + 6570 Dual	1100	914	NA	NA
Radeon R7 430	1100	915	5.50	\$199.99*
Intel UHD Graphics 710	1102	913	NA	NA
Radeon 625	1105	912	NA	NA
Radeon R9 M275	1114	911	1.59	\$699.99*
GeForce 940M	1115	909	NA	NA
Intel HD 630	1115	910	NA	NA
Radeon R7 A12-9800 RADEON	1118	908	NA	NA
FirePro M4170	1119	907	NA	NA
Radeon HD 7660D + 7500 Dual	1121	906	NA	NA
Radeon HD 8650G + 7700M Dual	1126	905	NA	NA
Radeon R7 + R7 200 Dual	1128	904	NA	NA
Radeon HD 7560D + 6670 Dual	1130	903	NA	NA
Radeon HD 4850 X2	1132	902	NA	NA
Radeon R7 A10-9700E RADEON	1137	901	NA	NA
GeForce 830A	1138	900	NA	NA
GeForce 930A	1139	898	NA	NA
Radeon HD 8850M / R9 M265X	1139	899	NA	NA
GeForce 940A	1144	897	NA	NA
Radeon Ryzen 3 7330U	1147	896	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K620M	1157	890	NA	NA
Firepro W4190M	1156	894	NA	NA
Intel Coffee Lake UHD	1158	893	NA	NA
Intel HD P530	1159	892	NA	NA
Intel HD P630	1160	891	NA	NA
Barco MXRT 5400	1161	890	5.72	\$203.00*
NVS 810	1161	889	1.86	\$624.99*
Quadro K620M	1162	888	NA	NA
Radeon HD 5750	1162	887	16.62	\$69.99*
Radeon Ryzen Embedded V2516	1163	886	NA	NA
FireStream 9250	1164	885	NA	NA
Radeon R7 Opteron X3421	1168	884	NA	NA
GeForce 840A	1179	882	NA	NA
Radeon R7 A10-7870K	1179	883	NA	NA
GeForce GT 640	1183	881	10.76	\$109.99*
FirePro V5800	1184	880	22.34	\$53.00*
GeForce GTX 295	1188	879	7.43	\$159.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 +8G	1190	878	NA	NA
Radeon HD 7750M	1191	877	NA	NA
GeForce GT 745A	1201	875	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1201	876	NA	NA
N16P-GX	1204	872	NA	NA
Radeon HD 7660D + 7540D Dual	1204	873	NA	NA
Radeon R9 M270X	1204	874	NA	NA
GeForce GPU	1205	871	NA	NA
FirePro 3D V8700	1206	870	7.09	\$170.07*
Intel Iris Pro 5200	1206	869	NA	NA
GeForce GT 650M	1207	868	NA	NA
Radeon HD 8790M / R9 M290X	1210	867	NA	NA
Radeon Vega 6 Ryzen 3 3300U	1216	866	NA	NA
Quadro FX 5800	1219	865	4.45	\$274.00*
Radeon HD 8670D + HD 6670 Dual	1221	864	NA	NA
Radeon HD 7730	1224	863	5.26	\$232.70*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 280	1244	850	2.38	\$522.78*
FirePro 3D V5800	1231	860	6.04	\$204.00*
GeForce GTX 460M	1231	861	NA	NA
GeForce GTX 560M	1232	857	NA	NA
Radeon R7 + R7 250 Dual	1232	858	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1232	859	NA	NA
Radeon R7 + R5 340 Dual	1234	856	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	855	NA	NA
Radeon HD 6770	1238	853	4.67	\$264.99*
Radeon HD 7660D + 6670 Dual	1238	854	NA	NA
Quadro 2000 D	1239	851	NA	NA
Radeon HD 8570D + 6570 Dual	1239	852	NA	NA
GeForce GTX 280	1244	850	2.38	\$522.78*
Radeon 630	1244	849	NA	NA
Intel Iris 540	1251	848	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	847	NA	NA
Intel UHD Graphics 630	1259	846	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	845	NA	NA
FirePro 3D V8750	1271	843	1.03	\$1,230.99*
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1271	844	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1278	842	NA	NA
FirePro V5900	1280	841	14.89	\$86.00*
Radeon R7 A370	1281	840	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1287	839	NA	NA
GeForce GTX 760A	1295	838	NA	NA
TENSOR 1.0 Driver Intel HD 630	1299	837	NA	NA
GeForce 930MX	1303	835	NA	NA
GeForce GT 750M	1303	836	NA	NA
Radeon HD 8790M	1305	834	NA	NA
Tesla M2070-Q	1305	833	NA	NA
Radeon HD 4870 X2	1309	832	NA	NA
Radeon R7 PRO A8-8670E	1309	831	NA	NA
Radeon Vega 6	1310	830	0.73	\$1,799.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro	1311	829	NA	NA
Quadro 4000M	1316	828	5.67	\$232.06*
Radeon HD 8670D + HD 7600 Dual	1317	827	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1330	826	NA	NA
Ryzen 3 4300U with Radeon Graphics	1335	825	NA	NA
GeForce GTS 450	1338	824	16.73	\$79.99*
FireStream 9270	1341	823	NA	NA
Intel Iris Plus 640	1344	822	NA	NA
Radeon HD 5770	1344	821	7.08	\$189.99*
Radeon HD 7560D + HD 7700 Dual	1346	820	NA	NA
Quadro K2100M	1356	819	3.26	\$415.99*
Radeon HD 8670D + 6670 Dual	1361	818	NA	NA
FirePro M40003	1364	817	NA	NA
Radeon 540	1370	816	NA	NA
Radeon HD 7850M	1372	815	NA	NA
FirePro W5130M	1379	814	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	813	NA	NA
Radeon HD 4870	1385	811	17.32	\$79.99*
Radeon Ryzen 3 PRO 4355GE	1385	812	NA	NA
Intel Iris 550	1388	810	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1389	809	NA	NA
Radeon Ryzen 7 3700U	1400	808	NA	NA
Radeon Pro WX 4170	1409	807	NA	NA
Radeon 550X	1415	806	NA	NA
GeForce GTX 275	1417	805	3.28	\$431.72*
Radeon R7 M370	1417	804	NA	NA
Radeon HD 7560D + 7670 Dual	1426	803	NA	NA
Intel Iris 650	1432	802	NA	NA
Radeon 540X	1432	801	NA	NA
GeForce GTX 660M	1433	800	18.15	\$78.99*
Radeon Vega 8 Mobile	1433	799	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	798	NA	NA
Intel Iris Pro Graphics 6200	1438	797	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	795	NA	NA

 **Video Card** ▼

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 4650G	1441	794	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	794	NA	NA
GeForce MX110	1453	793	NA	NA
Radeon R9 255	1456	791	4.23	\$344.16*
Radeon RX Vega 10 Ryzen 7 3700U	1456	792	NA	NA
Radeon Ryzen 3 5300U	1467	790	NA	NA
Radeon Vega 10 Mobile	1472	789	NA	NA
Radeon RX Vega 8	1474	788	NA	NA
Intel UHD Graphics	1479	787	NA	NA
Radeon R9 M365X	1481	786	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	785	NA	NA
Quadro 4000	1487	784	1.42	\$1,049.99*
Radeon R9 M370X	1489	783	1.68	\$889.00*
Radeon Ryzen 5 PRO 4655G	1489	782	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1490	781	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6670 + 7660D Dual	1492	780	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	779	NA	NA
GeForce 845M	1506	778	NA	NA
Radeon HD 7870M	1507	777	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1508	776	NA	NA
GeForce 940MX	1509	775	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1511	774	NA	NA
Radeon HD 4890	1518	773	16.88	\$89.99*
Radeon R7 FX-9830P RADEON	1523	772	NA	NA
Quadro P500	1528	771	NA	NA
GeForce GTX 550 Ti	1532	770	15.32	\$99.99*
Radeon Ryzen 3 5425U	1532	769	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1535	768	NA	NA
FirePro V8700	1538	767	9.75	\$157.88*
GeForce GTX 285	1540	766	12.84	\$119.99*
Ryzen 3 PRO 4300U with Radeon Graphics	1542	765	NA	NA
GeForce GT 740	1545	763	6.52	\$236.99*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6770 + HD 7670 Dual	1515	767	NA	NA
FirePro W4100	1547	762	8.41	\$184.00*
Ryzen 3 5300U with Radeon Graphics	1549	761	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	760	NA	NA
Quadro K2000	1560	759	5.31	\$294.00*
Radeon Vega 10	1562	758	NA	NA
GeForce GTX 555	1566	757	NA	NA
Radeon R9 M275X / M375	1574	756	NA	NA
Intel Iris Plus 650	1575	755	NA	NA
Quadro K2000D	1577	754	4.64	\$339.99*
Radeon Vega 9	1581	753	NA	NA
Radeon Vega 8	1585	752	12.50	\$126.86*
Quadro P400	1596	751	7.94	\$201.17*
Ryzen 3 PRO 5450U with Radeon Graphics	1601	750	NA	NA
Seria Radeon HD 7700	1603	749	NA	NA
Radeon RX Vega11	1605	748	NA	NA
Radeon HD 6790	1607	747	5.47	\$294.00*
FirePro M4000	1608	746	22.09	\$72.83*
Tesla K40m	1611	745	NA	NA
GeForce GTX 480M	1617	744	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	743	NA	NA
Radeon R7 M465X	1623	742	NA	NA
Intel Iris Pro P6300	1625	741	NA	NA
Ryzen 3 5400U with Radeon Graphics	1626	740	NA	NA
Radeon R9 M275X	1628	739	NA	NA
FirePro M4000 Mobility Pro	1630	738	NA	NA
Quadro K3000M	1634	737	4.01	\$407.56*
Radeon HD 8870M	1638	736	NA	NA
FirePro W600	1641	735	3.96	\$414.99*
GeForce GT 755M	1648	734	NA	NA
Radeon HD HD7850M	1651	733	NA	NA
Radeon RX Vega 10	1652	732	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics 730	1657	731	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 10 Ryzen 7 1700	1667	729	NA	NA
Radeon R7 M380	1668	729	NA	NA
Radeon Ryzen 7 7700 8-Core	1685	728	NA	NA
Radeon E8860	1686	727	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1696	726	NA	NA
GeForce GTX 760M	1697	725	NA	NA
Radeon HD 7750	1702	723	17.03	\$99.99*
Ryzen 5 PRO 4650U with Radeon Graphics	1702	724	NA	NA
Radeon Ryzen 5 7600X 6-Core	1703	722	NA	NA
Radeon HD 6900M	1707	721	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1715	720	NA	NA
Intel Iris Plus 645	1721	719	NA	NA
Radeon HD 5830	1723	718	6.65	\$258.99*
Intel UHD Graphics P750	1726	717	NA	NA
GeForce GTX 670M	1746	716	NA	NA
Radeon Ryzen 3 PRO 5450U	1746	714	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1746	715	NA	NA
Firepro W5170M	1748	712	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	713	NA	NA
Intel UHD Graphics 750	1749	711	NA	NA
FirePro M6000 Mobility Pro	1750	710	NA	NA
GeForce GTX 650	1753	709	15.94	\$109.98*
Intel Iris Plus 655	1756	708	NA	NA
Quadro 5010M	1771	707	7.51	\$235.95*
Radeon Vega 8 Ryzen 5 3550H	1772	706	NA	NA
Radeon HD 8670D + 7700 Dual	1788	705	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	704	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1793	703	NA	NA
Radeon Pro WX 2100	1795	702	NA	NA
Embedded Radeon E9173	1798	701	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	699	NA	NA
Radeon RX Vega 11 Processor	1799	700	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M385	1853	682	NA	NA
Ryzen 5 4500U with Radeon Graphics	1804	698	NA	NA
Intel UHD Graphics 770	1806	696	NA	NA
Matrox C900 PCIe x16	1812	695	NA	NA
FirePro M6000	1820	694	5.58	\$325.99*
Radeon Vega 11	1821	693	NA	NA
MxGPU	1826	692	NA	NA
Intel Iris Plus	1827	691	NA	NA
Radeon R9 M375X	1828	690	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	689	NA	NA
GeForce MX230	1836	688	NA	NA
GRID M60-0B	1838	687	NA	NA
FirePro M5100 FireGL V	1839	686	NA	NA
Radeon Ryzen Embedded V2748	1842	685	NA	NA
Radeon Ryzen 5 PRO 5675U	1849	684	NA	NA
GeForce 945A	1852	683	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M385	1853	682	NA	NA
Quadro M520	1861	681	NA	NA
Radeon RX 640	1861	680	NA	NA
FirePro 3D V7800	1867	679	3.11	\$599.99*
GeForce MX130	1867	677	NA	NA
Ryzen 3 4300G with Radeon Graphics	1867	678	NA	NA
GeForce GTX 645	1869	676	NA	NA
Ryzen 5 4600U with Radeon Graphics	1873	675	NA	NA
GeForce GTX 570M	1874	674	NA	NA
Qualcomm Adreno 8cx Gen 3	1875	673	NA	NA
Radeon Pro WX 4130	1877	672	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	671	NA	NA
Radeon HD 7700-serie	1899	670	NA	NA
Radeon RX 540	1902	669	NA	NA
Matrox C680 PCIe x16	1903	668	NA	NA
GeForce GTX 670MX	1906	667	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1913	666	NA	NA


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K4000M	1917	664	7.55	\$254.00*
Quadro 5000	1918	663	0.80	\$2,403.03
Radeon HD 7560D + 7700 Dual	1919	662	NA	NA
Radeon RX 570X	1923	661	9.99	\$192.56*
Intel Iris Xe MAX 100	1924	660	NA	NA
GeForce GTX 460 v2	1927	659	9.64	\$199.99*
GeForce GTX 675M	1943	658	NA	NA
Radeon R7 450	1949	657	6.52	\$299.00*
GeForce GTX 470M	1953	656	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	655	NA	NA
Radeon R7 + HD 7700 Dual	1962	654	NA	NA
Ryzen 3 5300G with Radeon Graphics	1963	653	NA	NA
Radeon HD 6850	1972	652	23.20	\$85.00*
Radeon HD 5850	1978	651	6.85	\$288.99*
Radeon Ryzen 5 5560U	1981	650	NA	NA
Radeon Ryzen Embedded V2718	1981	649	NA	NA
Radeon R7 + R7 350 Dual	1982	648	NA	NA
Intel Iris Pro 580	1987	647	NA	NA
GeForce GTX 765M	1989	646	10.68	\$186.30*
Radeon R9 M385X	1993	645	NA	NA
Radeon Ryzen 7 PRO 5875U	2000	644	NA	NA
GeForce GT 645	2005	643	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	642	NA	NA
Intel Iris Xe MAX	2009	641	NA	NA
Radeon Pro W5500M	2010	639	NA	NA
Ryzen 5 5500U with Radeon Graphics	2010	640	NA	NA
GeForce GTX 460 SE	2011	638	12.57	\$159.99*
Radeon R9 350	2025	637	6.77	\$299.00*
Ryzen 5 PRO 5650U with Radeon Graphics	2027	636	NA	NA
FirePro V7800	2028	635	10.68	\$190.00*
Ryzen 7 PRO 4750U with Radeon Graphics	2029	634	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 PRO 4700U	2034	632	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	632	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	2036	631	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2040	630	NA	NA
Radeon Ryzen 7 4700U	2054	629	NA	NA
Quadro 5000M	2059	628	NA	NA
Radeon Ryzen 5 5600U	2062	627	NA	NA
GeForce 945M	2063	626	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2066	625	NA	NA
GRID M6-1Q	2069	624	NA	NA
GeForce GTX 580M	2074	623	8.34	\$248.68*
Radeon Vega 8 Ryzen 3 3200G	2077	622	NA	NA
Quadro P520	2088	621	1.39	\$1,499.00*
Radeon Ryzen 5 Microsoft Surface Edition	2094	620	NA	NA
FirePro M5100	2102	619	NA	NA
Radeon TM R9 A360	2105	618	NA	NA
Radeon Ryzen 5 5500U	2111	617	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	616	NA	NA
Radeon Ryzen 5 5625U	2120	614	NA	NA
Ryzen 5 5560U with Radeon Graphics	2120	615	NA	NA
Radeon RX Vega 11	2126	613	2.12	\$1,002.00*
Quadro M600M	2145	612	8.52	\$251.99*
Radeon Ryzen 5 5600GE	2147	611	NA	NA
Radeon Ryzen 3 PRO 7330U	2149	610	NA	NA
GeForce GTX 745	2151	609	7.55	\$284.95*
Radeon Ryzen 5 PRO 5650G	2158	608	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2159	607	NA	NA
Intel Iris Pro P580	2168	606	NA	NA
Radeon HD 7770	2171	605	7.24	\$300.00*
Ryzen 3 5300GE with Radeon Graphics	2171	604	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	603	NA	NA
Ryzen 5 5600U with Radeon Graphics	2188	602	NA	NA
Radeon Ryzen 7 PRO 4750GE	2205	601	NA	NA
FirePro M6100	2206	600	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 6800	2215	598	NA	NA
Ryzen 7 Extreme Edition	2215	598	NA	NA
Radeon HD 6870	2216	597	8.06	\$275.00*
GRID P100-1B	2223	596	NA	NA
Quadro K620	2239	595	1.10	\$2,029.99*
Radeon HD 5870	2241	594	7.60	\$295.00*
Ryzen 3 4300GE with Radeon Graphics	2246	593	NA	NA
Ryzen 7 5700U with Radeon Graphics	2248	592	NA	NA
Ryzen 5 4600H with Radeon Graphics	2264	591	NA	NA
Radeon R7 250X	2268	590	11.70	\$194.00*
GeForce GTX 460	2269	589	25.22	\$89.99*
Quadro K3100M	2269	588	5.67	\$399.95*
Radeon HD 6970M	2270	587	10.51	\$215.99*
Radeon Ryzen 7 Microsoft Surface Edition	2274	586	NA	NA
FirePro V8800	2280	585	11.52	\$198.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 5350G with Radeon Graphics	2282	584	NA	NA
Radeon Ryzen 7 4800U	2283	583	NA	NA
Intel UHD Graphics P630	2286	582	NA	NA
GeForce MX150	2289	581	38.62	\$59.29*
Radeon Ryzen 5 PRO 5650GE	2290	580	NA	NA
Radeon RX 550X	2296	577	NA	NA
Radeon Ryzen 5 4400G	2296	578	NA	NA
Radeon Ryzen 5 7530U	2296	579	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2296	576	NA	NA
FirePro V7900	2304	575	12.13	\$190.00*
Ryzen 5 PRO 4400G with Radeon Graphics	2305	574	NA	NA
Radeon HD 5970	2307	572	12.82	\$179.99*
Ryzen 3 PRO 5350GE with Radeon Graphics	2307	573	NA	NA
GRID M10-1B	2309	571	NA	NA
Radeon R9 M470	2330	570	NA	NA
Radeon Ryzen 7 5825U	2332	568	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 4800U with Radeon Graphics	2333	567	NA	NA
GRID M10-2B	2333	567	NA	NA
P106-090	2342	566	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	565	NA	NA
Radeon Pro WX 4150	2345	564	3.84	\$610.04*
Radeon Ryzen 7 7730U	2346	563	NA	NA
FirePro W6150M	2358	562	NA	NA
GeForce GTX 485M	2359	561	NA	NA
Radeon Ryzen 7 5800U	2362	560	NA	NA
Ryzen 7 5800U with Radeon Graphics	2388	559	NA	NA
Radeon RX Vega 11 PRD	2401	558	NA	NA
Ryzen 5 4600G with Radeon Graphics	2408	557	NA	NA
GeForce GTX 960A	2410	556	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	555	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2417	554	NA	NA
FirePro 3D V8800	2437	553	5.74	\$424.99*
Radeon Pro WX 3100	2439	552	NA	NA
Radeon Ryzen 5 5600H	2440	551	NA	NA
Radeon Ryzen 5 7600 6-Core	2443	550	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2452	549	NA	NA
GeForce MX250	2457	548	NA	NA
Barco MXRT 5600	2465	547	3.50	\$704.00*
Ryzen 5 PRO 5650GE with Radeon Graphics	2470	546	NA	NA
Radeon Pro WX 3200	2472	545	11.24	\$219.99
GeForce MX330	2492	544	NA	NA
GeForce GT 1030	2494	543	23.62	\$105.59
Ryzen 7 4700GE with Radeon Graphics	2496	542	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2505	541	NA	NA
Radeon HD 8950	2518	540	NA	NA
GeForce GTX 950A	2523	539	NA	NA
N18E-Q1	2525	538	NA	NA
FireStream 9370	2528	537	NA	NA
GeForce GTX 650 Ti	2530	536	27.20	\$93.05*


Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 850M	2534	534	NA	NA
Radeon HD 6850 X2	2534	535	NA	NA
GRID K240Q	2541	533	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	532	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2556	531	NA	NA
Radeon Ryzen 9 4900H	2575	530	NA	NA
Ryzen 5 5600G with Radeon Graphics	2581	529	NA	NA
Radeon Ryzen 7 4700G	2596	528	NA	NA
GeForce GTX 950M	2597	527	4.58	\$567.00*
Radeon Ryzen 7 PRO 4750G	2598	526	NA	NA
GRID T4-2B	2601	525	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	524	NA	NA
GRID M10-8Q	2606	523	NA	NA
Radeon HD 6950	2634	522	18.82	\$139.99*
MONSTER GeForce GTX 675M	2637	521	NA	NA
FirePro R5000	2646	520	24.06	\$109.99*
Ryzen 7 5700GE with Radeon Graphics	2656	519	NA	NA
GeForce GTX 675MX	2657	518	NA	NA
Quadro K4100M	2659	517	10.18	\$261.29*
Radeon Ryzen 7 5800H	2661	516	NA	NA
Radeon Ryzen 7 7700X 8-Core	2677	515	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	514	NA	NA
GeForce GTX 465	2683	513	13.76	\$195.00*
Radeon RX 550	2684	512	14.17	\$189.46
GRID M10-2Q	2691	509	NA	NA
Intel Iris Xe	2691	511	NA	NA
Quadro 6000	2691	510	0.66	\$4,092.38*
Radeon Ryzen 7 4700GE	2695	508	NA	NA
Quadro K4000	2696	507	9.99	\$270.00*
Barco MXRT 5500	2701	506	9.04	\$299.00*
GRID T4-1Q	2702	505	NA	NA
GeForce GTX 560	2714	504	13.24	\$205.00*

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 450	2722	502	NA	NA
FirePro S7150	2726	500	1.61	\$1,697.99*
FirePro V9800	2726	501	5.75	\$474.00*
Custom GPU 0405	2731	499	NA	NA
GRID K2	2736	498	0.61	\$4,449.99
FirePro W4300	2757	497	11.49	\$239.99*
Quadro K5000M	2763	496	5.43	\$508.91*
Radeon R9 M380	2770	495	NA	NA
Ryzen 7 5800H with Radeon Graphics	2782	494	NA	NA
Radeon Ryzen 7 PRO 7730U	2783	493	NA	NA
GeForce GTX 770M	2787	492	20.20	\$138.00*
Ryzen 7 5700G with Radeon Graphics	2801	491	NA	NA
Quadro M620	2803	490	NA	NA
FirePro 3D V9800	2811	489	1.13	\$2,499.00*
Radeon HD 6970	2822	488	18.82	\$149.99*
GeForce MX350	2826	487	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K280Q	2839	486	NA	NA
Radeon Pro V340 MxGPU	2853	485	NA	NA
Eng_Sample: 100-000000261-50_Y	2859	484	NA	NA
Quadro K1200	2864	483	10.04	\$285.29*
Ryzen 9 5900HX with Radeon Graphics	2889	482	NA	NA
Radeon R7 260	2891	481	32.13	\$89.99*
Tesla K20Xm	2917	480	NA	NA
Quadro M1000M	2924	479	34.01	\$85.99*
GRID K260Q	2949	478	NA	NA
FirePro W5000	2960	477	16.09	\$184.00*
FirePro W5100	2963	476	23.53	\$125.99*
GRID M10-4Q	2976	475	NA	NA
Radeon HD 6990	3013	474	6.04	\$498.49*
GeForce GTX 560 Ti	3023	473	23.26	\$129.99*
Radeon R9 360	3031	472	22.64	\$133.89*
GeForce GTX 860M	3039	471	26.66	\$114.00*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 360	3068	469	21.02	\$145.99*
Intel G35 Express	3090	467	NA	NA
Radeon HD 7790	3090	468	22.07	\$139.99*
Quadro K5100M	3094	466	2.79	\$1,108.84*
Tesla C2070	3101	465	5.13	\$604.00*
Radeon Pro 455	3112	464	6.93	\$449.00*
Tesla C2075	3118	463	4.83	\$646.00*
Radeon Pro 555	3140	462	2.99	\$1,049.00*
Radeon R7 260X	3144	461	22.46	\$139.99*
Radeon Ryzen 7 5800HS	3153	460	NA	NA
FirePro V7000	3161	458	NA	NA
FirePro W7170M	3161	459	NA	NA
GeForce GTX 680M	3175	457	23.35	\$135.99*
Radeon R9 260	3181	455	NA	NA
Radeon RX 560X	3181	456	NA	NA
Radeon R9 M290X	3217	454	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	453	NA	NA
Quadro P600	3235	452	16.02	\$202.03
GeForce 770M	3245	451	18.34	\$176.99*
GRID T4-4Q	3260	450	NA	NA
Quadro M1200	3287	449	NA	NA
Tesla C2050	3323	448	12.31	\$269.99*
GeForce GTX 650 Ti BOOST	3325	447	NA	NA
Radeon Pro	3329	446	14.48	\$229.99*
GeForce GTX 590	3341	445	7.68	\$435.00*
Radeon R9 M390X	3346	444	NA	NA
GeForce GTX 750	3350	443	41.89	\$79.99*
GRID M10-1Q	3351	442	NA	NA
GRID P40-2B	3354	441	NA	NA
Radeon E8870PCle	3368	440	NA	NA
Radeon HD8970M	3368	439	NA	NA
GRID K520	3399	438	22.66	\$149.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro W7900	3100	437	NA	NA
GeForce GTX 960M	3403	436	2.91	\$1,169.00*
Tesla C2050 / C2070	3428	435	NA	NA
Quadro M2000M	3432	434	16.10	\$213.16*
Quadro K2200M	3440	433	27.54	\$124.95*
GRID T4-2Q	3450	432	NA	NA
Radeon Pro 460	3452	431	NA	NA
GeForce GTX 870M	3464	430	NA	NA
Radeon Ryzen 5 6600U	3470	429	NA	NA
Radeon Pro 560	3475	428	NA	NA
Tesla M10	3490	427	1.30	\$2,695.00*
Ryzen 5 PRO 6650U	3492	426	NA	NA
Quadro 7000	3505	425	NA	NA
Quadro K2200	3532	424	13.17	\$268.30*
Radeon RX Vega M GL	3562	423	NA	NA
GeForce GTX 680M KY Bullet Edition	3568	421	NA	NA
GRID M6-8Q	3568	422	NA	NA
Radeon Ryzen 5 PRO 6650U	3574	420	NA	NA
Quadro P620	3587	419	6.21	\$577.49
T400	3621	418	20.12	\$179.99*
Ryzen 5 PRO 6650U with Radeon Graphics	3629	417	NA	NA
T500	3632	416	NA	NA
Radeon RX 560	3633	415	17.97	\$202.17
T400 4GB	3640	414	NA	NA
Radeon R9 M485X	3660	413	NA	NA
Radeon Pro 560X	3677	412	NA	NA
Ryzen 5 6600HS Creator Edition	3685	411	NA	NA
GeForce GTX 965M	3710	410	NA	NA
GeForce MX450	3714	409	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	408	NA	NA
Barco MXRT 7500	3753	407	12.55	\$299.00*
Radeon Pro WX 4100	3759	406	7.52	\$499.99*
GeForce GTX 880M	3764	405	NA	NA
GeForce GTX 780M	3794	404	7.60	\$499.00*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 6600HS Creator Edition	3838	402	NA	NA
Radeon HD 7850	3839	401	22.59	\$169.99*
GRID P100-8Q	3841	400	NA	NA
Radeon Ryzen 9 7900X 12-Core	3845	399	NA	NA
Radeon HD 7970M	3846	398	NA	NA
GeForce GTX 1050 with Max-Q Design	3856	397	NA	NA
Intel Arc A380	3873	396	NA	NA
Radeon HD 8970M	3876	395	27.69	\$139.99*
GRID M60-8Q	3883	394	NA	NA
GeForce GTX 750 Ti	3900	393	44.26	\$88.11*
Radeon Ryzen 9 PRO 6950HS	3901	392	NA	NA
GeForce GTX 570	3918	391	26.12	\$149.99*
Quadro M2000	3920	390	14.84	\$264.24*
GRID P6-2Q	3925	389	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K5000	3945	388	15.84	\$249.00*
GeForce GTX 660	3990	387	23.76	\$167.95*
GRID P40-2Q	4023	386	NA	NA
Radeon HD 7800-serie	4029	385	NA	NA
GeForce GTX 480	4042	384	23.78	\$169.99*
Radeon PRO Ryzen 5 PRO 6650U	4066	383	NA	NA
FirePro W8000	4095	382	7.15	\$573.00*
Radeon RX 460	4118	381	24.69	\$166.81*
GeForce GTX 680MX	4142	380	NA	NA
GRID V100D-8Q	4155	379	NA	NA
Radeon Ryzen 7 4800H	4192	378	NA	NA
Radeon RX 5300M	4197	377	NA	NA
Ryzen 9 6900HX with Radeon Graphics	4208	376	NA	NA
FirePro W7000	4239	375	15.25	\$278.05*
GRID M60-1Q	4250	374	NA	NA
Radeon R9 270 / R7 370	4259	373	19.98	\$213.16*
GeForce GTX 775M	4271	372	NA	NA
Radeon R9 270	4306	371	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M1200	4327	370	17.32	\$249.99*
Quadro M2200	4329	369	17.32	\$249.99*
Tesla K20m	4330	368	NA	NA
GRID GTX P40-6	4340	367	NA	NA
Radeon Ryzen 5 7535HS	4343	366	NA	NA
FirePro W7000 Adapter	4361	365	NA	NA
GeForce GTX 660 Ti	4364	364	30.31	\$144.00*
Quadro P1000	4418	363	15.24	\$289.99*
GRID P6-4Q	4429	362	NA	NA
Citrix Indirect Display Adapter	4446	361	NA	NA
GRID M60-1B	4456	360	NA	NA
GeForce GTX 1050 (Mobile)	4461	359	NA	NA
Radeon HD 7870 XT	4469	358	NA	NA
Radeon R7 370	4505	357	NA	NA
Radeon Ryzen 5 6600H	4507	356	NA	NA
GRID T4-8Q	4518	355	NA	NA
FirePro S7000	4523	354	18.35	\$246.54*
GeForce GTX 580	4534	353	32.41	\$139.92*
Radeon Pro 465	4537	352	NA	NA
GeForce MX550	4556	351	NA	NA
B8DKMDAP	4557	350	NA	NA
Radeon HD 7870	4642	349	26.38	\$176.00*
Radeon Pro Vega 16	4682	348	NA	NA
Ryzen 7 6800U with Radeon Graphics	4708	347	NA	NA
Radeon R9 370	4722	346	29.51	\$159.99*
GRID P40-24Q	4727	345	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4729	344	NA	NA
Radeon Sky 500	4736	343	NA	NA
Radeon HD 7950 / R9 280	4764	342	36.04	\$132.20*
Radeon Ryzen 7 6800U	4766	341	NA	NA
FirePro S10000	4768	340	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 760	4771	339	32.03	\$149.00*
Radeon R9 M395X	4775	338	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
AMD Radeon RX 6800	4788	336	NA	NA
T550 Laptop GPU	4788	336	NA	NA
Ryzen 7 6800H with Radeon Graphics	4795	335	NA	NA
Radeon Instinct MI25 MxGPU	4799	334	NA	NA
Ryzen 7 5800HS with Radeon Graphics	4839	333	NA	NA
Radeon Ryzen 7 PRO 6860Z	4853	332	NA	NA
Radeon Pro WX Vega M GL	4897	331	NA	NA
FirePro S9050	4901	330	NA	NA
Radeon R9 270X	4917	329	15.06	\$326.50*
Barco MXRT 7600	4943	328	8.20	\$602.59*
Ryzen 7 PRO 6850U with Radeon Graphics	4966	327	NA	NA
Radeon R9 M395	5020	326	NA	NA
GeForce GTX 1630	5044	325	30.95	\$162.99
GeForce GTX 1050	5046	324	22.43	\$225.00
Ryzen 7 6800U	5047	323	NA	NA
EIZO Quadro MED-XN51LP	5048	322	NA	NA
FirePro S9000	5059	321	NA	NA
Quadro P2000 with Max-Q Design	5061	320	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	319	NA	NA
Ryzen 7 PRO 6860Z	5076	318	NA	NA
Radeon Ryzen 7 PRO 6850U	5083	317	NA	NA
Radeon Ryzen 7 7735U	5096	316	NA	NA
GeForce GTX 1050 3GB	5142	315	NA	NA
GeForce GTX 760 Ti	5145	314	17.30	\$297.50*
Radeon R9 M295X	5150	313	3.55	\$1,449.00*
Q12U-1	5164	312	NA	NA
Radeon Ryzen 7 PRO 6850HS	5165	311	NA	NA
Radeon RX 5500M	5182	310	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5188	309	NA	NA
GRID M60-2Q	5203	308	NA	NA
Radeon Ryzen 9 6900HX	5210	307	NA	NA
Radeon HD 8990	5214	306	NA	NA
Radeon Pro Vega 20	5228	305	NA	NA
Ryzen 7 6800HS	5237	304	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7870 / R9 280X	5211	302	11.25	\$419.00
Ryzen 7 6800H	5247	303	NA	NA
Radeon Ryzen 7 7735HS	5272	301	NA	NA
FirePro W7100	5293	300	13.60	\$389.30*
GeForce GTX 670	5298	299	27.31	\$193.98*
GeForce GTX 950	5340	298	37.61	\$141.99*
Ryzen 7 6800HS Creator Edition	5345	297	NA	NA
GRID P40-4Q	5364	296	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5388	295	NA	NA
Ryzen 9 6900HX	5415	294	NA	NA
Quadro M3000M	5418	293	33.88	\$159.95*
GeForce GTX 760 Ti OEM	5427	292	NA	NA
GRID M60-8A	5523	291	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 680	5529	290	13.86	\$399.00*
Radeon R9 285 / 380	5549	289	11.44	\$485.00*
Radeon Ryzen 9 7900 12-Core	5558	288	NA	NA
GeForce GTX 690	5562	287	19.80	\$280.99*
Radeon Ryzen 7 6800H	5563	286	NA	NA
Radeon HD 7990	5565	285	13.91	\$399.99*
Ryzen 7 PRO 6850U	5580	284	NA	NA
Radeon R9 280	5600	283	NA	NA
Radeon Ryzen 7 PRO 6850H	5604	282	NA	NA
Radeon Pro WX 5100	5612	281	15.59	\$359.99*
Ryzen 9 PRO 6950H	5661	280	NA	NA
GeForce GTX 970M	5730	279	27.29	\$209.99*
GeForce MX570	5773	278	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5809	277	NA	NA
Ryzen 9 6900HS with Radeon Graphics	5827	276	NA	NA
P106-100	5859	275	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5861	274	NA	NA
GeForce GTX 770	5878	273	23.61	\$249.00*
GeForce GTX 1050 Ti (Mobile)	5918	272	NA	NA
Quadro K5200	5938	271	14.31	\$415.00*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 5300M	5973	269	NA	NA
GeForce GTX 960	6024	268	35.03	\$172.00*
GeForce GTX 1650 with Max-Q Design	6047	267	NA	NA
GeForce MX570 A	6096	266	NA	NA
FirePro W9000	6138	265	7.26	\$845.00*
Radeon R9 380	6242	264	69.37	\$89.99*
Radeon R9 280X	6253	263	NA	NA
Radeon R9 380X	6261	262	17.89	\$349.99*
Quadro M4000M	6275	261	24.62	\$254.91*
GeForce GTX 1050 Ti	6297	260	30.81	\$204.37
Radeon Pro 570	6336	259	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6369	258	NA	NA
T600	6503	257	27.10	\$239.99
Radeon RX Vega M GH	6540	256	NA	NA
Quadro P3000	6566	255	NA	NA
Radeon Pro WX 7130	6577	254	NA	NA
Quadro T1000	6582	253	14.89	\$441.99*
Quadro M4000	6638	252	18.34	\$362.00*
Quadro T1000 with Max-Q Design	6665	251	NA	NA
GeForce GTX 970XM FORCE	6706	250	NA	NA
RTX A500 Laptop GPU	6754	249	NA	NA
GeForce RTX 2050	6810	248	NA	NA
Radeon Pro 5500M	6819	247	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6867	246	NA	NA
Quadro T2000 with Max-Q Design	6873	245	NA	NA
Intel Arc A770M	6906	244	NA	NA
GeForce RTX 3050 4GB Laptop GPU	6914	243	NA	NA
T600 Laptop GPU	6943	242	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1650 (Mobile)	6968	241	NA	NA
Quadro M5000M	7017	240	12.83	\$546.92*
Quadro P2000	7021	239	15.26	\$459.99*
Radeon Ryzen 9 7950X 16-Core	7159	238	NA	NA

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro T2000	7100	237	10.31	\$620.00
Tesla P100-PCIE-16GB	7225	236	NA	NA
FirePro W8100	7313	235	10.39	\$704.00*
GeForce GTX 980M	7345	234	25.33	\$289.99*
Radeon Ryzen 7 4800HS	7361	233	NA	NA
Radeon RX 6400	7482	232	36.14	\$207.00*
Radeon Pro 5300	7493	231	NA	NA
Tesla M6	7509	230	37.73	\$199.00*
Radeon Pro 580X	7540	229	NA	NA
GeForce GTX 1650 Ti	7542	228	NA	NA
T1000 8GB	7634	227	NA	NA
Radeon RX 5300	7662	226	NA	NA
Radeon Ryzen 9 4900HS	7686	225	NA	NA
T1000	7699	224	21.62	\$356.10
T1200 Laptop GPU	7733	223	NA	NA
Radeon Pro 580	7753	222	NA	NA
Radeon RX 580 2048SP	7768	221	NA	NA
Tesla M60	7770	220	9.86	\$787.90*
Radeon RX 580X	7798	219	NA	NA
Radeon RX 5600M	7811	218	NA	NA
GeForce GTX 1650	7850	217	52.34	\$149.99
Radeon Pro WX 7100	7907	216	7.55	\$1,047.99*
Quadro M5500	7915	215	NA	NA
GeForce GTX 1060 with Max-Q Design	7920	214	NA	NA
FirePro W9100	7927	213	4.58	\$1,729.99*
Radeon RX 6500M	7929	212	NA	NA
Radeon PRO W6400	7935	211	NA	NA
Ryzen 9 6900HS	8005	210	NA	NA
GeForce GTX 780	8028	209	28.67	\$279.99*
Quadro K6000	8065	208	38.29	\$210.66*
Radeon Ryzen 9 6900HS	8066	207	NA	NA
Radeon RX 470/570	8077	206	20.77	\$388.99*
Ryzen 5 4600HS with Radeon Graphics	8120	205	NA	NA
Radeon R9 290 / 390	8150	204	21.45	\$380.00*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1080 (mobile)	8100	203	NA	NA
Radeon Ryzen 7 6800HS	8200	202	NA	NA
GeForce GTX Titan	8204	201	11.01	\$745.00*
Intel Arc A750	8217	200	35.73	\$229.99
Tesla V100-PCIE-32GB	8259	199	NA	NA
Radeon Pro Duo	8293	198	6.92	\$1,199.06*
Radeon Pro 5500 XT	8326	197	NA	NA
Radeon R9 290X / 390X	8389	196	26.22	\$319.99*
Radeon R9 290	8401	195	NA	NA
Radeon RX590 GME	8471	194	NA	NA
Intel Arc A770	8612	193	22.08	\$389.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 3000 with Max-Q Design	8621	192	NA	NA
Radeon R9 295X2	8637	191	17.31	\$499.10*
GeForce GTX 1660 Ti with Max-Q Design	8683	190	NA	NA
Radeon RX 480	8694	189	25.57	\$339.99*
Radeon R9 290X	8734	188	NA	NA
Tesla P4	8766	187	NA	NA
Quadro P3200	8777	186	22.55	\$389.30*
Radeon RX 5500	8799	185	NA	NA
GeForce GTX 1060 5GB	8909	184	18.26	\$487.99*
Radeon RX 580	8915	183	49.53	\$179.99*
GeForce GTX TITAN Z	8986	182	5.93	\$1,515.00*
GeForce GTX TITAN Black	9057	181	17.25	\$524.99*
Radeon R9 390	9059	180	NA	NA
Quadro P4000 with Max-Q Design	9082	179	NA	NA
Radeon Pro W5500	9135	178	22.28	\$409.99*
Quadro P3200 with Max-Q Design	9163	177	NA	NA
NVIDIA A40	9169	176	NA	NA
Radeon RX 5500 XT	9211	175	49.80	\$184.99*
Radeon Pro 5600M	9280	174	NA	NA
Quadro M5000	9324	173	18.69	\$499.00*
GeForce RTX 3050 Laptop GPU	9351	172	34.64	\$269.99*
Quadro P2200	9377	171	20.40	\$459.80*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 780 Ti	9381	170	41.19	\$699.00
Radeon R9 390X	9454	169	NA	NA
Radeon RX 6500 XT	9497	168	59.36	\$159.99
RTX A1000 Laptop GPU	9512	167	NA	NA
Radeon RX 590	9564	166	17.39	\$549.99*
Radeon R9 Fury	9602	165	21.67	\$443.10*
GeForce GTX 970	9641	164	40.51	\$237.99*
GeForce GTX 1060 3GB	9741	162	36.08	\$269.99*
Radeon R9 Fury + Fury X	9741	163	21.65	\$449.99*
GeForce RTX 2060 with Max-Q Design	9775	161	NA	NA
GeForce RTX 3050 6GB Laptop GPU	9918	160	NA	NA
Radeon R9 Fury X	10057	159	NA	NA
GeForce GTX 1060	10070	158	35.97	\$279.99*
GeForce GTX 1070 with Max-Q Design	10085	157	NA	NA
RTX A2000 Laptop GPU	10096	156	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10103	155	NA	NA
GeForce GTX 1650 SUPER	10110	154	35.43	\$285.38*
GeForce GTX 1660 Ti (Mobile)	10175	153	NA	NA
Tesla M40	10212	152	17.02	\$600.00*
Quadro P4200	10444	151	NA	NA
GeForce GTX 1070 (Mobile)	10465	150	NA	NA
Tesla M40 24GB	10474	149	NA	NA
Radeon Pro SSG	10497	148	4.36	\$2,410.15*
Tesla T4	10867	147	2.34	\$4,646.99*
RTX A2000 8GB Laptop GPU	10925	146	NA	NA
Quadro RTX 3000	11042	145	NA	NA
GeForce GTX 980	11148	144	45.07	\$247.35*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A1000 6GB Laptop GPU	11256	143	NA	NA
Radeon Pro Vega 48	11352	142	NA	NA
GeForce RTX 2060 (Mobile)	11354	141	NA	NA
Radeon RX 5600	11392	140	NA	NA
GeForce GTX 1080 with Max-Q Design	11547	139	NA	NA
Quadro P4000	11547	138	20.76	\$556.19*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1080	11772	136	2.44	\$4,827.53*
Quadro M6000	11772	136	2.44	\$4,827.53*
Radeon Pro 5700	11844	135	NA	NA
Quadro M6000 24GB	11879	134	NA	NA
GeForce RTX 2070 with Max-Q Design	11903	133	NA	NA
GeForce RTX 3050 OEM	11993	132	NA	NA
Radeon Pro V520 MxGPU	12257	131	NA	NA
Radeon RX 6850M	12274	130	NA	NA
Quadro P5000	12279	129	6.57	\$1,868.99*
GeForce RTX 2070 (Mobile)	12354	128	NA	NA
Quadro RTX 4000 (Mobile)	12384	127	NA	NA
Quadro P4200 with Max-Q Design	12406	126	NA	NA
RTX A3000 Laptop GPU	12434	125	NA	NA
Radeon Pro Vega 56	12607	124	NA	NA
Radeon RX 6650M	12617	123	NA	NA
Tesla T10	12650	122	NA	NA
Quadro P5200 with Max-Q Design	12659	121	NA	NA
Quadro RTX 4000 with Max-Q Design	12687	120	NA	NA
Radeon Pro 5700 XT	12690	119	NA	NA
GeForce GTX 1660 SUPER	12814	118	64.08	\$199.99
Quadro P5200	12846	117	NA	NA
Radeon RX 6800M	12875	116	NA	NA
Radeon Pro Vega 64	12918	115	NA	NA
GeForce GTX 1660 Ti	12947	114	20.88	\$619.99
GeForce RTX 3050	13026	113	48.30	\$269.69
GeForce GTX TITAN X	13098	112	11.94	\$1,096.99*
Radeon PRO W6600X	13113	111	NA	NA
GeForce RTX 2080 with Max-Q Design	13182	110	6.28	\$2,099.99*
A10-8Q	13234	109	NA	NA
GeForce RTX 3060 Laptop GPU	13329	108	43.00	\$309.99*
Radeon RX 6700M	13389	107	47.82	\$279.99
Radeon Vega Frontier Edition	13463	106	8.01	\$1,679.99*
GeForce GTX 1070	13517	105	27.69	\$488.09*
Radeon RX Vega 56	13548	104	17.99	\$752.99*


Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6700	13616	103	78.26	\$173.99
Radeon RX 6600M	13616	102	78.26	\$173.99
NVIDIA TITAN X	13659	101	22.46	\$608.10*
Quadro RTX 5000 with Max-Q Design	13709	100	NA	NA
GeForce RTX 2080 Super with Max-Q Design	13735	99	NA	NA
RTX A2000	13757	98	32.84	\$419.00
Radeon RX 5600 XT	13829	97	25.38	\$545.00*
GeForce GTX 980 Ti	13879	96	17.43	\$796.15
Radeon Pro WX 8200	13925	95	8.71	\$1,599.39*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070 Super with Max-Q Design	14023	94	NA	NA
RTX A2000 12GB	14042	93	NA	NA
GeForce RTX 2060	14100	92	56.40	\$249.99
Radeon 6700	14158	91	NA	NA
Radeon RX 6700S	14535	90	NA	NA
Radeon RX Vega 64	14631	89	19.51	\$749.99*
GeForce GTX 1070 Ti	14702	88	25.79	\$569.99*
RTX A3000 12GB Laptop GPU	14722	87	NA	NA
Radeon RX 5700	14724	86	47.50	\$309.99*
Quadro RTX 5000 (Mobile)	14832	85	NA	NA
GeForce RTX 2080 (Mobile)	15107	84	NA	NA
Radeon RX 6600	15175	83	46.13	\$329.00*
Radeon RX 6800S	15240	82	NA	NA
RTX 2000 Ada Generation Laptop GPU	15438	81	NA	NA
Quadro RTX 4000	15474	80	17.21	\$899.00*
GeForce GTX 1080	15479	79	34.96	\$442.79*
GeForce RTX 3070 Laptop GPU	15570	78	NA	NA
Radeon Pro W5700	15580	77	23.97	\$649.99*
Radeon Pro Vega II	15592	76	NA	NA
Quadro GP100	15607	75	NA	NA
Quadro P6000	15693	74	4.83	\$3,250.00*
GeForce RTX 4050 Laptop GPU	15719	73	NA	NA
RTX A4000 Laptop GPU	15848	72	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 Ti	18818	45	23.61	\$797.05*
RTX A5000 Laptop GPU	15952	70	NA	NA
Radeon PRO W6600	15964	69	NA	NA
Quadro RTX 5000	16175	68	NA	NA
GeForce RTX 2070	16178	67	59.92	\$269.99*
Radeon RX 6600 XT	16496	66	64.70	\$254.99
GeForce RTX 2060 SUPER	16613	65	47.06	\$353.00
Radeon RX 5700 XT 50th Anniversary	16613	64	NA	NA
GeForce RTX 3080 Laptop GPU	16684	63	NA	NA
Radeon VII	16803	62	8.84	\$1,899.95*
Radeon Pro VII	16853	61	NA	NA
Radeon RX 5700 XT	16951	60	36.85	\$459.99*
TITAN V CEO Edition	16987	59	NA	NA
GeForce RTX 3060	17216	58	54.66	\$314.99
RTX A5500	17336	57	7.99	\$2,169.99*
RTX A4500 Laptop GPU	17724	56	NA	NA
Radeon RX 6650 XT	17810	55	69.85	\$254.99
RTX 3500 Ada Generation Laptop GPU	17922	54	NA	NA
RTX A5500 Laptop GPU	18210	53	NA	NA
GeForce RTX 2070 SUPER	18260	52	29.53	\$618.47*
Tesla P40	18514	51	NA	NA
GeForce GTX 1080 Ti	18519	50	38.28	\$483.82*
GeForce RTX 3070 Ti Laptop GPU	18543	49	NA	NA
NVIDIA TITAN Xp	18708	48	11.37	\$1,645.00*
NVIDIA A10G	18723	47	NA	NA
GeForce RTX 4060 Laptop GPU	18781	46	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080	18818	45	23.61	\$797.05*
Radeon RX 6850M XT	18870	44	NA	NA
Quadro RTX 6000	19106	43	3.03	\$6,300.00*
RTX A4000	19131	42	25.51	\$749.99*
Radeon RX 6700	19149	41	NA	NA
TITAN Xp COLLECTORS EDITION	19303	40	NA	NA
Quadro GV100	19325	39	2.15	\$8,999.00*


Video Card


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3090	19997	36	1.00	\$2,199.99
GeForce RTX 2080 SUPER	19580	37	26.42	\$740.99*
Radeon PRO W6800	19596	36	10.59	\$1,849.99*
GeForce RTX 4070 Laptop GPU	19805	35	NA	NA
TITAN RTX	19896	34	7.12	\$2,794.99*
TITAN V	19920	33	9.96	\$1,999.99*
Radeon RX 6700 XT	19923	32	56.93	\$349.99
RTX 4000 SFF Ada Generation	19925	31	NA	NA
RTX 5000 Ada Generation Laptop GPU	20403	30	NA	NA
GeForce RTX 3080 Ti Laptop GPU	20456	29	NA	NA
NVIDIA A10	20590	28	NA	NA
GeForce RTX 3060 Ti	20637	27	54.60	\$377.99
RTX 6000 Ada Generation	20731	26	NA	NA
RTX A4500	21286	25	19.71	\$1,079.99*
Radeon RX 6750 XT	21533	24	47.85	\$449.99
RTX 4000 Ada Generation Laptop GPU	21533	23	NA	NA
GeForce RTX 2080 Ti	21886	22	19.46	\$1,124.99*
GeForce RTX 3070	22508	21	45.02	\$499.99
Radeon RX 6800	22524	20	52.75	\$426.99
RTX A6000	22566	19	4.65	\$4,847.84
RTX A5000	23244	18	10.85	\$2,141.99*
GeForce RTX 3070 Ti	23844	17	45.86	\$519.99
Radeon RX 6800 XT	25118	16	46.95	\$534.99
GeForce RTX 3080	25447	15	27.36	\$929.99
GeForce RTX 3080 12GB	26848	14	NA	NA
GeForce RTX 4070	26922	13	44.87	\$599.99
GeForce RTX 3090	26985	12	15.69	\$1,719.99
Radeon RX 6900 XT	27029	11	14.23	\$1,899.99
GeForce RTX 4080 Laptop GPU	27114	10	NA	NA
GeForce RTX 3080 Ti	27455	9	24.00	\$1,143.99
Radeon RX 6950 XT	29147	8	46.27	\$629.99
Radeon RX 7900 XT	29312	7	37.62	\$779.24
GeForce RTX 3090 Ti	29832	6	17.67	\$1,688.37*
GeForce RTX 4090 Laptop GPU	30218	5	NA	NA

[Home](#) **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 7900 XTX	37000	1	32.01	\$1,799.99
GeForce RTX 4070 Ti	31953	3	39.94	\$799.99
GeForce RTX 4080	35352	2	31.29	\$1,129.99
GeForce RTX 4090	39492	1	24.85	\$1,589.00

* - Last price seen from our affiliates.

Software

- [BurnInTest](#)
- [PerformanceTest](#)
- [OSForensics](#)
- [MemTest86](#)
- [WirelessMon](#)
- [Management Console](#)
- [Zoom Search Engine](#)
- [Free Software](#)

Hardware

- [USB3.0 Loopback Plugs](#)
- [USB2.0 Loopback Plugs](#)
- [PCIe Test Cards](#)
- [USB Power Delivery Tester](#)
- [Serial and Parallel Loopback Plugs](#)
- [USB Short Circuit Testers](#)

Benchmarks

- [CPU Benchmarks](#)
- [Video Card Benchmarks](#)
- [Hard Drive Benchmarks](#)
- [RAM Benchmarks](#)
- [PC Systems Benchmarks](#)
- [Android Benchmarks](#)
- [iOS / iPhone Benchmarks](#)
- [Software Marketshare](#)
- [Internet Bandwidth](#)

About Us

- [Company](#)
- [Contact Us](#)
- [The Press Room](#)

Services

- [Store](#)
- [Support](#)
- [Forums](#)

International

- [Disclaimer](#)
- [Refunds](#)
- [Privacy](#)
- [Social](#)

