

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

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

Single Video Card

 Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireMV 2200 PCI	1	2290	NA	NA
IGP 340M	1	2284	NA	NA
Intel 82852/82855 GM/GME Controller	1	2287	NA	NA
Intel Extreme Controller	1	2278	NA	NA
Mobile Intel 945 Express	1	2283	NA	NA
Quadro2 Pro	1	2289	NA	NA
RADEON IGP 34xM	1	2282	NA	NA
Rage 128 Pro	1	2286	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2288	NA	NA
S3 ProSavageDDR	1	2285	NA	NA
S3 SuperSavage/IXC 1014	1	2279	NA	NA
VIA Chrome9 HCM IGP	1	2281	NA	NA
VisionTek Radeon 7000	1	2280	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce4 MX	2	2209	NA	NA
GeForce3 Ti 500	2	2269	NA	NA
Intel 82845G Controller	2	2275	NA	NA
Intel 82845G/GL Controller	2	2264	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2255	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2263	NA	NA
Intel GMA 3150 Express	2	2270	NA	NA
Intel Media Accelerator 3150	2	2254	NA	NA
Mobile Intel 915GM/GMS/910GML Express	2	2276	NA	NA
MOBILITY RADEON 9100 IGP	2	2253	NA	NA
Quadro NVS 280 SD	2	2272	NA	NA
Radeon 7000 / Radeon VE	2	2261	NA	NA
RADEON 7200	2	2256	0.00	\$599.99*
RADEON 9200 LE Family	2	2265	NA	NA
RADEON 9200 PRO Family	2	2257	NA	NA
RADEON 9200 SE	2	2268	NA	NA
RADEON 9250	2	2266	0.01	\$194.00*
Radeon IGP 340M	2	2271	NA	NA
RADEON IGP 345M	2	2260	NA	NA
Radeon VE	2	2277	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2274	NA	NA
VIA Chrome9 HC IGP WDDM	2	2258	NA	NA
VIA Chrome9 HC3 IGP	2	2262	NA	NA
ABIT Siluro T400	3	2222	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2248	NA	NA
GeForce 6200A	3	2230	0.07	\$54.99*
GeForce2 GTS/GeForce2 Pro	3	2219	NA	NA
GeForce2 MX 100/200	3	2244	NA	NA
GeForce2 MX/MX 400	3	2221	NA	NA
GeForce4 420 Go	3	2241	NA	NA
GeForce4 4200 Go	3	2220	NA	NA
GeForce4 440 Go	3	2227	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 865 Embedded Controller	3	2229	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 Function 0	3	2245	NA	NA
Intel 946GZ Express	3	2240	NA	NA
Intel Media Accelerator 500	3	2236	NA	NA
Matrox Parhelia 128MB	3	2238	0.01	\$393.99*
MOBILITY RADEON 7500	3	2232	NA	NA
MOBILITY RADEON 9000	3	2243	NA	NA
MOBILITY RADEON 9200	3	2252	NA	NA
RADEON 7000 / RADEON VE Family	3	2224	NA	NA
RADEON 7500	3	2246	0.02	\$177.25*
RADEON 9000 Family	3	2234	NA	NA
RADEON 9200	3	2231	0.02	\$153.63*
RADEON IGP 320	3	2226	NA	NA
Radeon IGP 320M	3	2233	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2249	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2225	NA	NA
RIVA TNT2/TNT2 Pro	3	2237	NA	NA
S3 Inc. Savage4	3	2247	NA	NA
Vanta/Vanta LT	3	2251	NA	NA
VIA Chrome9 HC IGP Family	3	2223	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2235	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2239	NA	NA
VIA/S3G DeltaChrome IGP	3	2242	NA	NA
ALL-IN-WONDER 9000	4	2188	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2208	NA	NA
Dell 8200	4	2210	NA	NA
GeForce2 Go	4	2214	NA	NA
GeForce2 Integrated GPU	4	2209	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2192	NA	NA
GeForce2 Ti	4	2201	NA	NA
GeForce3	4	2189	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce4 MX 420	4	2193	NA	NA
GeForce4 MX 440	4	2204	NA	NA
GeForce4 MX 440 with AGP8X	4	2190	NA	NA
GeForce4 MX 440SE	4	2203	NA	NA
GeForce4 MX 460	4	2213	NA	NA
Intel 82865G Controller	4	2197	NA	NA
Intel 915G,910G Express	4	2218	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function	4	2199	NA	NA
Intel 945G Embedded Chipset Function 0	4	2206	NA	NA
Intel Q33 Express	4	2198	NA	NA
MOBILITY FIREGL 7800	4	2194	NA	NA
MOBILITY/RADEON 9000	4	2215	NA	NA
Quadro2 MXR/EX	4	2205	NA	NA
Quadro4 900 XGL	4	2187	NA	NA
RADEON 7500 Family	4	2195	NA	NA
RADEON 9000	4	2200	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA Chrome9 HC IGP	4	2211	NA	NA
VIA/S3G KM400/KN400	4	2217	NA	NA
VIA/S3G UniChrome IGP	4	2212	NA	NA
VIA/S3G UniChrome Pro IGP	4	2196	NA	NA
WinFast A250 LE	4	2191	NA	NA
XGL Volari Family v1.13.23.D_V	4	2202	NA	NA
64MB DDR GeForce3 Ti 200	5	2170	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2174	NA	NA
GeForce 256	5	2184	0.12	\$42.04*
GeForce4 420 Go 32M	5	2179	NA	NA
GeForce4 440 Go 64M	5	2165	NA	NA
GeForce4 448 Go	5	2176	NA	NA
GeForce4 Ti 4200	5	2175	NA	NA
GeForce4 Ti 4600	5	2177	0.10	\$53.99*
GeForce4 Ti 4800	5	2167	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 945GM Express	5	2100	NA	NA
Mobile Intel 945GM/GU Express	5	2181	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2172	NA	NA
Quadro 280 NVS PCIe	5	2169	NA	NA
Quadro4 980 XGL	5	2185	0.01	\$341.43*
RADEON 9100 IGP	5	2178	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2182	NA	NA
VIA/S3G UniChromell	5	2166	NA	NA
Xabre	5	2183	NA	NA
GeForce PCX 5300	6	2161	NA	NA
GeForce2 Ultra	6	2159	NA	NA
GeForce4 MX Integrated GPU	6	2157	NA	NA
GeForce4 Ti 4800 SE	6	2153	NA	NA
Intel Media Accelerator 600	6	2152	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2154	NA	NA
MOBILITY RADEON 7000 IGP	6	2160	NA	NA
Quadro NVS 55/280 PCI	6	2163	NA	NA
Quadro4 380 XGL	6	2155	NA	NA
RADEON 8500 Family	6	2156	NA	NA
RADEON 9100 Family	6	2162	NA	NA
RADEON IGP 350M	6	2164	NA	NA
V9560XT V62.11	6	2158	NA	NA
ASUS V9520-X V62.11	7	2145	NA	NA
Famille de jeu de puces Express Intel 946GZ	7	2148	NA	NA
GeForce FX 5100	7	2144	NA	NA
GeForce FX 5200	7	2147	0.06	\$129.00*
GeForce FX 5200LE	7	2151	0.16	\$42.99*
GeForce4 Ti 4400	7	2150	NA	NA
Intel US15 Embedded Media and Controller	7	2149	NA	NA
MOBILITY RADEON 9000 IGP	7	2143	NA	NA
Quadro FX 500/FX 600	7	2146	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82945G Express-Chipsatz	8	2142	NA	NA
Intel Q35 Embedded	8	2138	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2140	NA	NA
Quadro NVS 280 PCI	8	2141	0.06	\$130.00*
ASUS A7000	9	2134	NA	NA
GeForce FX 5600XT	9	2135	NA	NA
Matrox Parhelia 256MB	9	2132	NA	NA
VIA Chrome9 HD IGP	9	2133	NA	NA
Familia Intel Q33 Express Chipset	10	2131	NA	NA
Master X3100 Driver	10	2129	NA	NA
MOBILITY IGP 9000/9100	10	2130	NA	NA
FireMV 2400 PCIe	11	2126	NA	NA
GeForce FX 5200SE	11	2125	NA	NA
PHDGD Solo 1.2.0 x86	11	2128	NA	NA
RGH Drivers v3	11	2127	NA	NA
GeForce 7000M / nForce 610M	12	2121	NA	NA
GeForce FX 5200 Ultra	12	2124	NA	NA
GeForce FX 5600	12	2122	NA	NA
GeForce FX Go5300	12	2123	NA	NA
GeForce 7000M	13	2120	NA	NA
Intel 82945G Express	13	2119	NA	NA
Quadro FX 500/600 PCI	14	2117	NA	NA
Radeon HD 2400 PCI	14	2118	NA	NA
GeForce Go 6200	15	2116	NA	NA
NV44	15	2115	NA	NA
GeForce FX Go5650	16	2113	NA	NA
GRID V100-8Q	16	2114	NA	NA
GeForce FX 5600 Ultra	17	2112	NA	NA
GeForce FX Go 5600	17	2110	NA	NA
GeForce Go 6100	17	2109	NA	NA
Mobile Intel965 Express	17	2111	NA	NA
GeForce 7150M / nForce 630M	18	2106	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9600 1X Family	16	2105	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2107	NA	NA
S3 Chrome S25 DDR2	18	2104	NA	NA
GeForce Go 6150	19	2102	NA	NA
Matrox M9120 PCIe x16	19	2101	NA	NA
PHDGD Solo 2 x64	20	2100	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2099	NA	NA
9xx Soldiers sans frontiers Sigma 2	21	2098	NA	NA
GeForce 6150	21	2097	0.07	\$329.00*
RADEON A9800XT	22	2095	NA	NA
RADEON XPRESS 200M	22	2096	NA	NA
ALL-IN-WONDER 9800	23	2092	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6100 nForce 430	23	2094	NA	NA
GeForce 7200 GS	23	2093	NA	NA
Matrox M9140 LP PCIe x16	23	2091	NA	NA
Quadro NVS 210S	23	2089	NA	NA
RADEON 9800 SE	23	2090	NA	NA
GeForce 6100 nForce 405	24	2082	NA	NA
GeForce 6150SE	24	2084	NA	NA
GeForce 7050 / nForce 610i	24	2086	NA	NA
GeForce FX 5700LE	24	2085	NA	NA
GeForce Go 6400	24	2087	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2088	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2083	NA	NA
GeForce 6100 nForce 400	25	2080	NA	NA
GeForce 6100 nForce 420	25	2079	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2077	NA	NA
Matrox M9125 PCIe x16	25	2078	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2076	NA	NA
RADEON 9600 Family	25	2081	NA	NA
GeForce 7100 / nForce 620i	26	2075	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
MOBILITY FIREGL V5250	27	2069	NA	NA
MOBILITY RADEON 9700	27	2068	NA	NA
MOBILITY RADEON XPRESS 200	27	2072	NA	NA
RADEON 9600SE	27	2070	NA	NA
GeForce 6200 LE	28	2067	0.69	\$41.24*
GeForce 6150SE nForce 430	29	2065	NA	NA
Radeon 9550 / X1050	29	2066	NA	NA
Radeon Xpress 1150	29	2063	NA	NA
RADEON XPRESS 200	29	2064	NA	NA
All-in-Wonder X1800XL	30	2062	NA	NA
FireGL T2-128	30	2059	NA	NA
GeForce 7050 PV / nForce 630a	30	2060	NA	NA
MOBILITY RADEON 9550	30	2061	NA	NA
OpenXT Display Driver	30	2058	NA	NA
Matrox M9128 LP PCIe x16	31	2055	NA	NA
Radeon X1270	31	2057	NA	NA
Red Hat QXL controller	31	2056	NA	NA
GeForce 6200 A-LE	32	2054	NA	NA
GeForce FX 5900ZT	32	2051	NA	NA
Intel Media Accelerator	32	2050	NA	NA
Matrox M9148 LP PCIe x16	32	2053	NA	NA
Radeon X1200	32	2052	NA	NA
GeForce 6150 LE	33	2046	NA	NA
GeForce 7025 / nForce 630a	33	2042	NA	NA
GeForce 7150 / nForce 630i	33	2049	NA	NA
GeForce FX 5700VE	33	2048	NA	NA
MOBILITY FIREGL T2/T2e	33	2044	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X1450	33	2047	NA	NA
MOBILITY RADEON X300	33	2043	NA	NA
S3 Chrome S27 DDR3	33	2045	NA	NA
GeForce FX 5700 Ultra	34	2039	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1000	34	2036	NA	NA
Quadro FX 1300	34	2037	NA	NA
RADEON 9550	34	2035	0.12	\$291.74*
Radeon Xpress 1100	34	2041	NA	NA
GeForce 6200	35	2031	0.35	\$99.99*
GeForce 7100 / nForce 630i	35	2032	NA	NA
Quadro FX 1100	35	2029	0.17	\$212.99*
RADEON 9600 XT	35	2033	NA	NA
Radeon Xpress 1200	35	2030	NA	NA
CONNECT 3D RADEON X300	36	2025	NA	NA
FireMV 2200 PCIe	36	2027	0.40	\$89.99*
Matrox G200eR	36	2024	NA	NA
MOBILITY RADEON 9600	36	2028	NA	NA
RADEON 9500	36	2026	0.90	\$40.50*
256MB DDR Radeon 9800 XT	37	2020	NA	NA
GeForce 6200SE TurboCache	37	2023	NA	NA
GeForce 7050 / nForce 630i	37	2019	NA	NA
Quadro NVS 440	37	2021	0.16	\$228.87*
Radeon X1250	37	2022	NA	NA
GeForce 6500	38	2016	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2015	NA	NA
Quadro NVS 285	38	2014	0.23	\$169.86*
Quadro NVS 285 128MB	38	2017	0.70	\$55.00*
RADEON X300SE	38	2018	NA	NA
GeForce 7050 / nForce 620i	39	2013	NA	NA
GeForce 7300 SE	39	2012	NA	NA
GIGABYTE RADEON 9600 PRO	39	2011	NA	NA
Matrox G200eW	39	2007	NA	NA
MOBILITY RADEON 9600/9700	39	2010	NA	NA
Mobility Radeon X1300	39	2008	NA	NA
Mobility Radeon X1350	39	2006	NA	NA
S3 Chrome 430 ULP	39	2009	NA	NA

Video Card ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Gigabyte RADEON X300	40	2000	NA	NA
Matrox G200eh	40	2003	NA	NA
MOBILITY FIREGL T2	40	2002	NA	NA
Radeon Xpress 1300M	40	2004	NA	NA
GeForce FX 5900 Ultra	41	1999	NA	NA
RADEON 9500 PRO / 9700	41	1998	NA	NA
Matrox M9138 LP PCIe x16	42	1997	NA	NA
Mobility Radeon X1400	42	1994	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9600 PRO	42	1995	NA	NA
Radeon Xpress 1250	42	1996	NA	NA
Mobile Intel 45 Express	43	1993	NA	NA
128 DDR Radeon 9700 TX w/TV-Out	44	1992	NA	NA
GeForce Go 6600 TE/6200 TE	44	1988	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	1991	NA	NA
Mobile Intel serie 4 Express	44	1990	NA	NA
MOBILITY FireGL V5200	44	1987	NA	NA
Quadro FX 350M	44	1989	NA	NA
FireMV 2250	45	1984	0.44	\$104.00*
GeForce Go 7200	45	1986	NA	NA
Matrox G200eR WDDM 1.2	45	1985	NA	NA
Matrox G200eh WDDM 2.0	46	1982	NA	NA
MOBILITY RADEON 9800	46	1983	NA	NA
Quadro NVS 120M	46	1981	NA	NA
Quadro NVS 110M	47	1979	NA	NA
Radeon X1550 64-bit	47	1978	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	1980	NA	NA
GeForce 7300 SE/7200 GS	48	1977	NA	NA
Mobility Radeon X2300	48	1976	NA	NA
Mobility Radeon X2300 HD	48	1974	NA	NA
Quadro NVS 140M	48	1975	NA	NA
128MB RADEON X600 SE	49	1973	0.87	\$56.18*


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox G200eh WDDM 1.2	50	1909	NA	NA
Mobility Radeon HD 2300	50	1967	NA	NA
MOBILITY RADEON X600	50	1968	NA	NA
RADEON X550	50	1966	NA	NA
FirePro 2450	51	1965	0.57	\$89.99*
GeForce 6600 LE	51	1964	NA	NA
GeForce 7100 GS	51	1961	NA	NA
GeForce FX Go5700	51	1963	NA	NA
Matrox G200eh WDDM 1.2	51	1960	NA	NA
RADEON E2400	51	1962	NA	NA
FireGL V3100	52	1957	NA	NA
GeForce Go 7300	52	1959	NA	NA
Radeon Xpress 1300	52	1958	NA	NA
GeForce 6200 TurboCache	53	1956	NA	NA
RADEON 9700 PRO	53	1955	NA	NA
Mobile Intel 965 Express	55	1954	NA	NA
Intel - Express Chipset G41	56	1951	NA	NA
RADEON 9800 XT	56	1950	NA	NA
RADEON X550XT	56	1953	NA	NA
RADEON X600 256MB HyperMemory	56	1952	NA	NA
Intel - Express Chipset Q45/Q43	57	1946	NA	NA
Intel G41 Express-Chipsatz	57	1948	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	1949	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9800	57	1947	0.18	\$325.00*
GeForce 6800 XE	58	1943	NA	NA
GeForce 8400M G	58	1944	NA	NA
Radeon X1300	58	1945	0.61	\$95.78*
FireGL X1	59	1942	NA	NA
GeForce FX 5950 Ultra	59	1941	NA	NA
Matrox G200e WDDM 1.2	59	1940	NA	NA
MOBILITY RADEON X700 XL	59	1937	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
SAPPHIRE Radeon X1550	61	1936	NA	NA
128 DDR Radeon 9800 Pro	62	1934	NA	NA
Intel HD manual-15.28-1861	62	1932	NA	NA
MOBILITY FireGL V3200	62	1933	NA	NA
Mobility Radeon HD 3410	62	1931	NA	NA
GeForce 8400M GT	63	1928	NA	NA
Quadro FX 550	63	1929	0.22	\$287.82*
Quadro NVS 450	63	1930	0.40	\$159.00*
M71-M	64	1927	NA	NA
RADEON X800 PRO	64	1926	NA	NA
GeForce G 105M	65	1925	NA	NA
GeForce Go 7400	65	1924	NA	NA
128MB DDR Radeon 9800 Pro	66	1923	NA	NA
Mobility Radeon HD 4225	66	1922	NA	NA
MOBILITY RADEON X700	66	1919	NA	NA
Quadro NVS 135M	66	1920	NA	NA
Radeon X1550	66	1921	0.43	\$155.00*
256MB RADEON X600	67	1918	0.42	\$160.49*
GeForce 9400M G	67	1917	NA	NA
Intel G33/G31 Express	67	1916	NA	NA
Intel G45/G43/G41 Express Chipset	67	1914	NA	NA
Matrox G200eR WDDM 2.0	67	1915	NA	NA
FireGL V3350	68	1911	NA	NA
GeForce 8400 SE	68	1913	NA	NA
Intel B43 Express Chipset	68	1912	NA	NA
BASICDISPLAY	69	1906	NA	NA
GeForce Go 6600	69	1907	NA	NA
Quadro FX 3000	69	1910	0.41	\$166.61*
Quadro NVS 420	69	1905	0.47	\$150.00*
Radeon X1600 Pro / X1300XT	69	1909	NA	NA
RADEON X800 XL	69	1908	NA	NA
Diamond X1300-PCIE 256MB	70	1904	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

Radeon X300X 1X	70	1901	NA	NA
FireGL V7100	71	1895	0.22	\$328.67*
GeForce 8200M G	71	1896	NA	NA
M880G with Mobility Radeon HD 4225	71	1898	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MEDION RADEON 9800 XXL	71	1897	NA	NA
Radeon X1650 SE	71	1900	NA	NA
RADEON X700 SE	71	1899	NA	NA
GeForce 8600M GS	72	1894	NA	NA
RADEON X700	72	1893	NA	NA
RADEON X850 PRO	72	1892	NA	NA
FireMV 2450	73	1888	NA	NA
Mobility Radeon HD 4300 Series	73	1891	NA	NA
Radeon 3100	73	1889	0.33	\$225.99*
RADEON X800 PRO/GTO	73	1890	NA	NA
GeForce 7350 LE	74	1887	NA	NA
GeForce 9100M G	74	1886	NA	NA
GeForce 9400M	74	1885	NA	NA
Radeon X1650 GTO	74	1884	NA	NA
M860G with Mobility Radeon 4100	75	1882	NA	NA
Quadro NVS 295	75	1883	1.20	\$63.00*
RADEON X700 PRO	75	1881	NA	NA
Radeon HD 2350	76	1880	NA	NA
GeForce 8100 / nForce 720a	79	1878	NA	NA
Intel G45/G43 Express Chipset	79	1879	NA	NA
RADEON X800GT	79	1877	NA	NA
GeForce 7300 LE	80	1876	2.50	\$32.00*
Quadro FX 540	80	1875	1.35	\$59.99*
GeForce 7300 GS	81	1867	NA	NA
GeForce 8400	81	1871	0.14	\$589.99*
GeForce 9100	81	1863	NA	NA
GeForce 9300 SE	81	1869	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Mobility Radeon X2500</u>	81	1800	NA	NA
<u>nForce 980a/780a SLI</u>	81	1870	NA	NA
<u>RADEON X800 XT Platinum Edition</u>	81	1872	NA	NA
<u>RADEON X850 XT</u>	81	1874	NA	NA
<u>RADEON X850 XT Platinum Edition</u>	81	1864	NA	NA
<u>Radeon HD 3200</u>	82	1862	NA	NA
<u>GeForce 999 GTX</u>	83	1859	NA	NA
<u>nForce 750a SLI</u>	83	1861	NA	NA
<u>Quadro FX 370</u>	83	1860	0.67	\$125.00*
<u>ALL-IN-WONDER X800 GT</u>	84	1855	NA	NA
<u>FireGL V3200</u>	84	1852	NA	NA
<u>GeForce 9300 GE</u>	84	1857	3.66	\$22.99*
<u>GeForce 9300M G</u>	84	1854	NA	NA
<u>Radeon X1300 PRO</u>	84	1856	NA	NA
<u>Radeon X1650 Pro</u>	84	1853	0.53	\$160.89*
<u>RADEON X800 GT</u>	84	1858	NA	NA
<u>ION</u>	85	1851	0.37	\$229.99*
<u>Quadro FX 350</u>	85	1850	NA	NA
<u>Quadro FX 360M</u>	86	1848	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 3470</u>	86	1849	0.79	\$109.65*
<u>GeForce 6600</u>	87	1847	0.33	\$264.00*
<u>GeForce 6610 XL</u>	88	1845	NA	NA
<u>GeForce 8600M GT</u>	88	1846	0.81	\$108.10*
<u>GeForce 7500 LE</u>	89	1844	NA	NA
<u>Mobility Radeon HD 2400</u>	89	1843	NA	NA
<u>Mobility Radeon HD 4200</u>	90	1842	NA	NA
<u>GeForce 8600 GS</u>	91	1838	NA	NA
<u>GeForce G205M</u>	91	1840	NA	NA
<u>Mobility Radeon HD 3450</u>	91	1841	NA	NA
<u>RADEON X600XT</u>	91	1839	NA	NA
<u>FireGL V5100</u>	92	1834	0.81	\$114.96*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X1600	92	1835	NA	NA
nForce 780a SLI	92	1836	NA	NA
Mobility Radeon HD 3470	93	1830	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	1829	NA	NA
Quadro FX 370M	93	1831	NA	NA
Matrox G200eW3 WDDM 2.0	94	1828	NA	NA
MEDION RADEON X740XL	94	1827	NA	NA
GeForce 6700 XL	95	1826	NA	NA
Radeon HD 3000	95	1824	NA	NA
Radeon HD 6250	95	1825	NA	NA
Mobility Radeon HD serie 4200	96	1823	NA	NA
GeForce 210	97	1821	1.77	\$54.92*
GeForce 9300GE	97	1819	1.01	\$97.20*
ION LE	97	1818	NA	NA
Quadro NVS 130M	97	1822	NA	NA
RADEON X800 XT	97	1820	NA	NA
GeForce 8400M GS	98	1817	1.25	\$78.20*
Intel Media Accelerator HD	98	1816	NA	NA
Mobility Radeon HD 3430	98	1815	NA	NA
Mobility Radeon HD 4250	98	1813	NA	NA
Radeon 3000	98	1814	0.31	\$319.00*
Radeon X1600 Pro	98	1812	NA	NA
GeForce G210	99	1811	0.81	\$122.12*
GeForce 8300 GS	100	1810	NA	NA
GeForce 8300	101	1808	4.48	\$22.68*
Quadro FX 4000	101	1809	NA	NA
Quadro FX Go1400	101	1807	NA	NA
GeForce 6800 GS/XT	102	1803	NA	NA
GeForce 9400	102	1805	NA	NA
GeForce 9400 GT	102	1804	0.64	\$159.99*
Mobility Radeon HD 2400 XT	102	1806	NA	NA
Quadro FX 370 Low Profile	102	1802	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼


videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
GeForce 9500M GS	103	1798	NA	NA
Quadro NVS 160M	103	1797	NA	NA
Radeon HD 4350	103	1800	1.01	\$102.24*
GeForce 9450	104	1793	NA	NA
M880G with Mobility Radeon HD 4250	104	1796	NA	NA
Mobility Radeon X1700	104	1794	NA	NA
Quadro FX 3400/4400	104	1795	NA	NA
GeForce G105M	105	1792	NA	NA
GeForce9400M	105	1791	NA	NA
GeForce Go 6800	106	1790	NA	NA
Radeon Infoshock 3000	106	1788	NA	NA
Radeon X1950 GT	106	1789	NA	NA
GeForce GT 320M	107	1787	NA	NA
Quadro FX 370 LP	108	1786	NA	NA
Radeon HD 6290	108	1785	NA	NA
GeForce 6800 LE	109	1782	NA	NA
Radeon HD 4270	109	1780	NA	NA
Radeon HD 4330	109	1784	NA	NA
VIA/S3G Chrome 645/640 GPU	109	1783	NA	NA
XFX Radeon HD 4650 AGP	109	1781	NA	NA
FireGL V7350	110	1777	0.93	\$119.42*
GeForce 8500 GT	110	1778	NA	NA
Radeon HD 2600 Pro AGP	110	1779	NA	NA
GeForce 310M	111	1774	NA	NA
GeForce 9200M GS	111	1772	NA	NA
GeForce 9300 GS	111	1776	1.85	\$59.95*
Mobility Radeon HD 3400 Serisi	111	1773	NA	NA
Quadro FX 570M	111	1775	NA	NA
Radeon HD 4200	111	1771	NA	NA
FirePro 2260	112	1767	NA	NA
GeForce 6800	112	1768	0.20	\$559.29*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card ▼				
Quadro FX 560	113	1760	0.76	\$150.25
FireGL V5200	114	1761	0.86	\$133.40*
GeForce Go 7800	114	1760	NA	NA
NVS 300	114	1763	1.81	\$62.97*
NVS 3100M	114	1764	NA	NA
Radeon HD 2400 Pro	114	1762	NA	NA
RADEON X800 GTO	114	1759	NA	NA
GeForce 315M	115	1757	NA	NA
Radeon HD 7290	115	1758	NA	NA
Radeon X1600 XT	115	1756	NA	NA
FireGL V7200	116	1755	NA	NA
PHDGD Quantic C3	116	1752	NA	NA
Quadro FX 1700	116	1754	0.33	\$350.14*
Radeon X1700 Targa Edition	116	1753	NA	NA
FireMV 2260	117	1750	1.33	\$88.08*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8600 GT	117	1749	0.60	\$196.00*
Mobile Intel 45 Express-Chipsatzfamilie	117	1751	NA	NA
Qualcomm Adreno 618 GPU	118	1747	NA	NA
Radeon HD 2400 XT	118	1746	NA	NA
RV530 PRO	118	1748	NA	NA
GeForce 9600M GS	119	1745	NA	NA
Extreme AX850 PRO	120	1743	NA	NA
GeForce 310	120	1741	1.12	\$108.35*
Qualcomm Adreno 540 GPU	120	1744	NA	NA
Radeon HD 2400	120	1742	1.37	\$88.20*
GeForce 405	121	1738	4.94	\$24.64*
GeForce 9500M G	121	1739	NA	NA
GeForce G210M	121	1737	NA	NA
GeForce GT 220M	121	1740	NA	NA
Radeon HD 4250	122	1736	NA	NA
Intel Haswell HD - GT1	123	1735	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8700M G1	124	1729	NA	NA
M76M	124	1728	NA	NA
Quadro FX 1400	124	1730	0.51	\$245.01*
Quadro FX 380M	124	1731	NA	NA
Seria Mobility Radeon HD 3400	124	1727	NA	NA
GeForce 205	126	1726	NA	NA
GeForce 9300	126	1724	2.15	\$59.00*
Radeon HD 3300	126	1725	NA	NA
All-in-Wonder X1900	127	1722	NA	NA
GeForce Go 7600	127	1720	NA	NA
Intel Q35 Express	127	1723	NA	NA
Quadro NVS 320M	127	1721	NA	NA
FireGL V7300	128	1718	0.11	\$1,189.99*
GeForce 6800 XT	128	1719	NA	NA
GeForce 9300 / nForce 730i	128	1717	NA	NA
GeForce G100	129	1714	6.50	\$19.99*
Radeon HD 7310	129	1716	NA	NA
RADEON X800 SE	129	1715	NA	NA
MOBILITY RADEON X1800	130	1713	NA	NA
GeForce 9600M GT	131	1710	1.68	\$78.20*
Mobility Radeon HD 3650	131	1712	1.78	\$73.53*
Radeon HD 3450	131	1711	1.48	\$89.00*
RadeonT	132	-1	NA	NA
GeForce G102M	133	1708	NA	NA
Quadro FX 380 LP	133	1709	NA	NA
Radeon R5 220	133	1707	1.57	\$85.26*
EAH5450	134	1703	1.22	\$109.99*
GeForce 7650 GS	134	1705	NA	NA
GeForce 8400 GS	134	1706	1.56	\$85.97*
GeForce 9500 GT	134	1704	1.56	\$85.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9800 GT 1024MB	134	1702	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 GL	136	1696	0.91	\$149.99*
GeForce 6600 GT	137	1695	2.11	\$64.95*
GeForce 9650M GT	137	1697	1.17	\$117.30*
GeForce Go 6800 Ultra	137	1694	NA	NA
Radeon HD 5450	137	1693	1.45	\$94.96*
Radeon X1900 CrossFire Edition	137	1696	NA	NA
GeForce 6800 Ultra	138	1691	NA	NA
Radeon HD 8180	138	1692	NA	NA
Intel Haswell HD - GT2	139	1689	NA	NA
NVS 2100M	139	1690	NA	NA
nForce 760i SLI	140	1688	NA	NA
Quadro FX 1600M	140	1686	0.94	\$149.90*
Radeon HD 4290	140	1684	NA	NA
Radeon HD 6290M	140	1687	NA	NA
RADEON HD 6350	140	1683	2.39	\$59.00*
Radeon X1800 GTO	140	1685	NA	NA
EG PARK	141	-1	NA	NA
Radeon HD 6300M	141	1682	NA	NA
GeForce 6800 GT	142	1681	NA	NA
Intel Q45/Q43 Express Chipset	143	1680	NA	NA
Radeon X1900 GT	145	1679	NA	NA
GeForce GT 130M	146	1678	NA	NA
Quadro 400	146	1677	0.70	\$211.00*
FirePro 2270	147	1674	1.10	\$134.00*
GeForce 505	147	1675	1.28	\$115.06*
GeForce Go 7700	147	1673	NA	NA
ZX Chrome 645/640 GPU	147	1676	NA	NA
Mobility Radeon HD 4350	148	1672	NA	NA
Quadro FX 3450	148	1669	1.24	\$119.99*
Radeon HD 6320	148	1671	0.27	\$554.99*
S3 5400EW	148	1670	NA	NA
GeForce 305M	150	1667	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1950 CrossFire Edition	151	1660	NA	NA
Quadro FX 580	154	1664	1.19	\$130.00*
Quadro FX 570	155	1663	1.36	\$115.00*
Radeon HD 4300/4500 Serisi	155	1662	NA	NA
GeForce 9200M GE	156	1660	NA	NA
GeForce 9500 GS	156	1661	NA	NA
Radeon HD 7340	156	1659	0.28	\$552.69*
GeForce 7600 GS	157	1658	0.90	\$175.00*
Quadro FX 380	158	1657	2.19	\$72.50*
GeForce 315	159	1656	4.83	\$32.99*
GeForce 8600 GTS	161	1655	0.67	\$241.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8350	164	1654	1.65	\$99.81*
Intel HD manual-gen9_2015-133271	165	1653	NA	NA
Radeon HD 7310M	166	1652	NA	NA
Mobility Radeon HD 2600	167	1651	NA	NA
GeForce GT 120	168	1650	5.63	\$29.99*
FirePro 2460	170	1648	2.03	\$83.99*
GeForce GT 325M	170	1646	NA	NA
Radeon HD 7350	170	1649	NA	NA
Radeon HDG 4670	170	1647	NA	NA
Quadro FX 1500M	171	1645	NA	NA
GeForce 9200	172	1643	NA	NA
Quadro FX 1700M	172	1644	NA	NA
GeForce 8200	174	1642	NA	NA
Mobility Radeon HD 530v	174	1640	NA	NA
Radeon HD 7310 - Carte graphique	174	1641	NA	NA
GeForce Go 7900 GS	176	1639	NA	NA
GeForce 7800 GS	177	1638	NA	NA
FirePro 3D V3700	178	1637	2.10	\$84.99*
FireGL V3600	179	1635	1.12	\$160.99*
Radeon HD 6230	179	1636	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
VIA/S3G C-645/b40 GPU	163	1631	NA	NA
Intel 2nd Generation SandyBridge HD	185	1629	NA	NA
Quadro FX 3450/4000 SDI	185	1630	NA	NA
Quadro FX 770M	186	1628	0.35	\$527.00*
Radeon HD 8210	187	1627	NA	NA
Mobility Radeon HD 540v	188	1626	NA	NA
Quadro FX 1500	189	1625	1.65	\$115.01*
NVS 5100M	190	1624	NA	NA
Mobility Radeon HD 2600 XT	191	1622	NA	NA
Mobility Radeon HD 4550	191	1623	NA	NA
Radeon HD 6430M	192	1621	NA	NA
Intel Infoshock HD	193	1619	NA	NA
Radeon HD 8210E	193	1620	NA	NA
GeForce 6800 GS	195	1618	NA	NA
Radeon HD 7340G	196	1617	NA	NA
Radeon HD 6320M	198	1616	NA	NA
GeForce G200	199	1612	NA	NA
Mobility Radeon HD 545v	199	1613	NA	NA
Radeon HD 6450	199	1614	2.24	\$89.00*
RADEON HD7450	199	1615	8.95	\$22.25*
GeForce 7600 GT	201	1610	1.01	\$199.00*
GeForce 7950 GX2	201	1609	3.67	\$54.99*
GeForce GT 230M	201	1611	NA	NA
Barco MXRT 1450	205	1606	NA	NA
GeForce GT 240M	205	1607	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1608	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R3E	205	1605	NA	NA
Quadro NVS 290	207	1603	3.52	\$59.00*
Radeon HD 4650 AGP	207	1602	NA	NA
Radeon HD 6380G	207	1604	0.52	\$399.99*
GeForce 9700M GT	208	1601	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 7000 GL	210	1597	NA	NA
GeForce GT 220	211	1594	5.30	\$39.99*
Radeon HD 2600 PRO	211	1596	1.12	\$188.44*
WinFast GT 610	211	1595	NA	NA
Radeon R2E	212	1593	NA	NA
Intel HD 2000	213	1592	NA	NA
Mobility Radeon HD 5450	214	1591	NA	NA
Mobility Radeon. HD 5470	215	1590	NA	NA
Radeon HD 6320 Graphic	216	1589	NA	NA
Quadro FX 2500M	217	1587	12.45	\$17.50*
Radeon HD 4650	217	1588	3.11	\$69.99*
GeForce 320M	218	1586	NA	NA
Mobility FireGL V5725	219	1585	NA	NA
Quadro FX 880M	219	1584	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1583	NA	NA
HD6450	220	1582	2.04	\$108.20*
Radeon HD 7340M	221	1581	NA	NA
Radeon R5 230	221	1580	2.74	\$81.10*
GT 430	223	1579	1.56	\$142.88*
Radeon HD 7450	225	1578	4.50	\$49.99*
Quadro FX 4500	226	1577	1.34	\$169.00*
Radeon HD 6470M	227	1576	0.40	\$569.99*
Radeon E6465	231	1575	NA	NA
Mobility Radeon HD 3670	232	1574	NA	NA
Radeon HD 4550	235	1573	1.51	\$156.00*
Mobility Radeon HD 5470	236	1571	NA	NA
Quadro FX 4500 X2	236	1572	NA	NA
Radeon HD 7640G + R5 M230 Dual	238	-1	NA	NA
Radeon HD 8240	238	1570	NA	NA
Radeon HD4650	239	1569	1.57	\$152.90*
Radeon R2	239	1568	NA	NA
Radeon HD 8280E	241	1567	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

GeForce 7800 G1	244	1304	3.05	\$80.00*
CARRIZO 9874	246	-1	NA	NA
GeForce 410M	246	1563	NA	NA
GeForce 7900 GT/GTO	247	1562	NA	NA
GeForce GT 415	247	1561	NA	NA
Radeon HD 7640G + 8600M Dual	249	1559	NA	NA
Radeon HD 8330E	249	1560	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8330	252	1558	NA	NA
GeForce 7900 GS	253	1556	NA	NA
Quadro NVS 510M	253	1557	NA	NA
Radeon HD 6370D	254	1555	NA	NA
Intel HD 3000	255	1554	0.27	\$945.00*
Radeon HD 8470	256	1553	NA	NA
Radeon HD 6480G	257	1552	NA	NA
Radeon HD 8400	257	1551	NA	NA
GeForce 7900 GT	258	1550	1.30	\$199.00*
GeForce 510	259	1549	3.71	\$69.99*
NVS 4200M	260	1548	0.65	\$399.00*
Radeon HD 6450A	260	1547	NA	NA
GeForce Go 7950 GTX	263	1545	NA	NA
Radeon HD 8490	263	1546	2.92	\$89.99*
GeForce GT 120M	265	1543	NA	NA
Intel Q965/Q963 Express	265	1544	NA	NA
Mobility Radeon HD 550v	266	1542	NA	NA
Qualcomm Adreno 630 GPU	266	1541	NA	NA
Radeon HD 7400G	267	1540	NA	NA
Radeon HD 5470	268	1539	NA	NA
Radeon HD 8280G	269	1538	NA	NA
GeForce 9650M GS	270	1537	NA	NA
GeForce Go 7900 GTX	270	1536	NA	NA
Radeon HD 8400E	272	1535	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2600 X1	282	1531	1.78	\$159.00*
Radeon HD 7480D	283	1530	NA	NA
Mobile Intel HD	284	1528	0.59	\$479.98*
Mobility Radeon HD 5165	284	1529	NA	NA
GeForce GT 415M	286	1527	NA	NA
GeForce GT 520M	286	1526	9.56	\$29.95*
GeForce 7950 Xtreme	287	1524	NA	NA
GeForce GT 520MX	287	1525	NA	NA
Radeon HD 7450A	288	1523	NA	NA
NVS 315	289	1522	4.14	\$69.99*
GeForce 7800 GTX	290	1521	4.06	\$71.60*
Incredible HD 3000	291	-1	NA	NA
Quadro FX 3500	291	1520	4.23	\$68.98*
GeForce 610M	292	1518	NA	NA
Radeon HD 2900 GT	292	1519	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1517	NA	NA
GRID K120Q	293	1516	NA	NA
Radeon R5E	293	1515	NA	NA
Radeon HD 6520G	297	1514	NA	NA
Radeon HD 7470	297	1513	3.65	\$81.37*
GeForce 9700M GTS	298	1511	NA	NA
Intel HD 500	298	1512	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 520	300	1510	0.99	\$304.00*
Intel HD P3000	300	1509	NA	NA
GeForce GT 610	301	1506	2.16	\$139.99*
Radeon R1E	301	1508	NA	NA
Radeon R3	301	1507	NA	NA
GeForce 605	304	1505	2.22	\$136.83*
Radeon HD 8350G	304	1504	NA	NA
Quadro FX 3500M	306	1503	3.06	\$99.99*
Radeon HD 7500G	306	1502	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 240M G1	319	1490	NA	NA
Radeon HD 7520G	319	1497	NA	NA
Radeon HD 8280	319	1498	NA	NA
GeForce GT 230	320	1492	7.29	\$43.99*
Intel G965 Express	320	1491	NA	NA
Radeon HD 7420G	320	1494	NA	NA
Radeon HD 7600G	320	1495	NA	NA
RADEON HD6370D	320	1493	NA	NA
Radeon E6460	323	1490	NA	NA
GeForce GT 120 / 9500 GT	324	1489	NA	NA
Intel UHD Graphics 600	326	1488	NA	NA
Radeon HD 6530D	327	1487	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1486	NA	NA
Radeon HD 7450M	329	1485	NA	NA
Radeon HD 7540D	331	1484	NA	NA
Radeon R4	331	1483	0.83	\$396.99*
Radeon R5 310	331	1482	0.66	\$499.00*
FirePro V3800	332	1480	2.66	\$124.99*
GeForce 8800 GS	332	1481	NA	NA
FirePro RG220	335	1479	0.52	\$650.18*
Intel HD 4000	336	1478	0.21	\$1,592.95*
Radeon HD 8570D + HD 8470 Dual	338	1477	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1476	NA	NA
Radeon HD 8310E	340	1475	NA	NA
Radeon R5 235	340	1474	5.67	\$60.13*
FireGL V5600	341	1473	1.52	\$225.00*
FirePro 3D V3750	341	1471	6.71	\$50.88*
Intel HD 505	341	1472	NA	NA
GeForce 7950 GT	344	1470	1.69	\$203.99*
Quadro FX 2700M	345	1469	3.46	\$99.95*
GeForce GT 625	346	1468	NA	NA
GeForce 9600 GSO	349	1467	6.99	\$49.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

Radeon HD 6040G	351	1463	NA	NA
Radeon HD 8470D	351	1464	NA	NA
Mobility Radeon HD 565v	353	1462	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6480M	353	1461	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1459	NA	NA
Radeon HD 7620G	355	1460	NA	NA
Radeon HD 8450G	360	1458	NA	NA
GeForce GT 620	361	1457	2.35	\$154.00*
GeForce 9600 GSO 512	363	1456	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1455	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1454	NA	NA
Mobility Radeon HD 3850	365	1453	NA	NA
Radeon HD 8510G	365	1451	NA	NA
Radeon HD4670	365	1452	NA	NA
Intel UHD Graphics 605	366	1450	NA	NA
Matrox Millennium P690 PCIe x16	366	1449	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1448	NA	NA
Quadro FX 3700	370	1447	1.74	\$213.27*
Radeon HD 5550	371	1446	6.76	\$54.99*
PHDGD Ivy 4	374	1444	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1445	NA	NA
Radeon HD 7520G + 8750M Dual	376	1442	NA	NA
Radeon HD 7600G + 6400M Dual	376	1443	NA	NA
Radeon HD 6490M	377	1441	0.32	\$1,193.03*
GeForce 9800M GTS	378	1440	NA	NA
GeForce 9800M GT	381	1438	NA	NA
GeForce GT 130	381	1439	2.52	\$151.34*
GeForce 8800M GTS	382	1437	NA	NA
Radeon HD 4670	382	1436	2.67	\$142.96*
GeForce GTX 260M	384	1435	NA	NA
GeForce 7900 GTX	387	1433	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G + 7450M Dual	389	1431	NA	NA
Radeon R5 Opteron X3216	394	1430	NA	NA
GeForce GT 335M	399	1429	NA	NA
Radeon HD 3850	400	1428	NA	NA
Mobility Radeon HD 4650	401	1427	NA	NA
Radeon R5 M230	401	1426	NA	NA
Quadro FX 1800	404	1425	3.00	\$135.00*
Radeon HD 8500M	404	1424	NA	NA
RADEON E4690	405	1423	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1422	NA	NA
Radeon HD 6550D	406	1421	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1420	NA	NA
GeForce GTS 350M	407	1418	NA	NA
Radeon HD 7470M	407	1419	NA	NA
FirePro M2000	408	1417	NA	NA
GeForce GT 330	408	1416	10.22	\$39.99*
GeForce 810M	409	1415	NA	NA
Radeon HD 8550G	410	1414	NA	NA
GeForce GT 420	412	1413	2.66	\$155.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 M320	418	1412	NA	NA
GeForce GT 420M	419	1411	NA	NA
Intel 4th Generation Haswell HD	419	1410	NA	NA
Radeon HD 8570M	421	1409	NA	NA
Radeon HD 8610G	421	1408	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1407	NA	NA
RADEON HD6410D	422	1406	NA	NA
Radeon HD 7600G + 7550M Dual	423	1405	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1404	NA	NA
GeForce 800A	428	1403	NA	NA
Radeon HD 3850 AGP	432	1402	NA	NA
Radeon R5 M240	432	1401	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8410G	433	1399	NA	NA
Radeon HD 8570D	435	1398	NA	NA
Quadro FX 4600	436	1395	1.31	\$333.25*
GeForce GT 620M	438	1394	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1393	NA	NA
Mobility Radeon HD 5650	445	1391	NA	NA
PHDGD Ivy 5	445	1392	NA	NA
Radeon HD 7570M	445	1390	NA	NA
Radeon HD 7660G + 8600M Dual	445	1389	NA	NA
Quadro 410	446	1388	3.46	\$129.00*
Radeon HD 7520G + HD 7600M Dual	447	1387	NA	NA
Radeon HD 7640G	447	1386	NA	NA
GeForce 8800 GTS	448	1385	5.60	\$79.99*
GeForce 710M	451	1384	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1381	NA	NA
Radeon HD 7650M	451	1383	NA	NA
Radeon R7 M260	451	1382	0.57	\$799.00*
GeForce GT 320	452	1376	13.86	\$32.69*
GeForce GT 710M	452	1377	NA	NA
HIS DIGITAL HD 4650 AGP	452	1380	NA	NA
Intel HD Family	452	1378	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1379	NA	NA
Radeon HD 7520G + 7650M Dual	453	1375	NA	NA
GeForce 705M	455	1374	NA	NA
Radeon R5 M315	459	1373	NA	NA
GeForce 9800M GS	460	1371	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1372	NA	NA
GeForce 9800M GTX	461	1370	1.41	\$328.50*
GeForce 8800M GTX	462	1369	NA	NA
GeForce GT 720M	463	1367	NA	NA
Mobility Radeon HD 4670	463	1368	NA	NA
FirePro V5700	464	1366	2.47	\$188.06*


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon HD 7660D + 7470 Dual	465	1363	NA	NA
SUMO 9644	465	1362	NA	NA
Quadro FX 3600M	466	1361	NA	NA
GeForce 800M	468	1360	NA	NA
Radeon HD 8690A	468	1359	NA	NA
Quadro FX 1800M	469	1358	NA	NA
Radeon HD 7560D	469	1357	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	469	1356	NA	NA
Radeon HD 7660G	470	1352	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1353	NA	NA
Radeon R5 M420	470	1354	NA	NA
Radeon Vega 2	470	1355	NA	NA
Radeon HD 5570	471	1351	2.57	\$183.34
FirePro 3D V3800	472	1350	3.15	\$149.99*
Radeon HD 7640G + HD 8570M Dual	474	1349	NA	NA
Radeon HD 8450G + 8670M Dual	474	1348	NA	NA
Mobility Radeon HD 3870 X2	477	1346	NA	NA
Quadro FX 3700M	477	1347	0.52	\$925.00*
Mobility Radeon HD 5000 Serisi	478	1345	NA	NA
GeForce 9800 GT	479	1344	6.40	\$74.99*
Quadro K500M	480	-1	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1342	NA	NA
Radeon HD 8650G	480	1343	NA	NA
Radeon HD 7670M	483	1341	0.77	\$629.99*
GeForce 710A	486	1340	NA	NA
Radeon HD 7520G + 7400M Dual	486	1339	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1337	NA	NA
Radeon R4E	487	1338	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1336	NA	NA
GeForce GT 540M	490	1334	5.58	\$87.95*
Mobility Radeon HD 5730	490	1333	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
ASUS EAH4870X2	490	1330	NA	NA
Radeon HD 7500G + 7550M Dual	497	1329	NA	NA
SUMO 964A	497	1328	NA	NA
Radeon R7 M265DX	498	1326	NA	NA
TRINITY SCRAPPER MOBILE	498	1327	NA	NA
Radeon HD 6570	503	1323	7.89	\$63.81*
Radeon HD 7660D	503	1325	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1324	NA	NA
GeForce 9600 GT	504	1322	7.76	\$64.99*
GeForce GTS 150M	504	1321	NA	NA
Radeon 6600M	505	1320	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1319	NA	NA
GeForce 820M	508	1316	NA	NA
Radeon HD 7620G + 8600M Dual	508	1317	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1318	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G + HD 7550M Dual	509	1315	NA	NA
GeForce 9800 GTX+	510	1314	NA	NA
Radeon HD 7640G + 7610M Dual	510	1313	NA	NA
Mobility Radeon HD 4830	511	1312	NA	NA
A10-8700P	513	1310	NA	NA
Radeon R5 330	513	1311	1.51	\$339.99*
GeForce GT 425M	515	1309	NA	NA
GeForce 8800 GT	516	1307	7.38	\$69.99*
Intel HD P4000	516	1308	NA	NA
Incredible HD 4000	517	1306	NA	NA
Radeon R5 M255	517	1305	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1304	NA	NA
GeForce GT 435M	519	1302	NA	NA
Radeon R5 240	519	1303	6.11	\$85.00*
MCT USB3.0 External Device	520	-1	NA	NA
Radeon HD 8670M	520	1301	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660D + K5 235 Dual	523	1297	NA	NA
Radeon HD 8650D	525	1296	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1295	NA	NA
Radeon HD 7640G + 6400M Dual	526	1294	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1293	NA	NA
RADEON HD6530D	531	1292	NA	NA
Radeon HD 8550G + 8570M Dual	532	1291	NA	NA
GRID K180Q	533	1290	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1289	NA	NA
Surface Duo Adreno 640 GPU	534	-1	NA	NA
KV SPECTRE LITE MOBILE 25W	538	1288	NA	NA
Qualcomm Adreno 675 GPU	539	1287	NA	NA
Radeon HD 7520G + 7470M Dual	542	1285	NA	NA
Radeon HD 8670D	542	1286	NA	NA
GeForce GT 240	543	1282	3.38	\$160.97*
Quadro FX 2700	543	1284	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1283	NA	NA
Mobility Radeon HD 5570	544	1281	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1280	NA	NA
FirePro 3D V7750	545	1279	1.56	\$350.00*
GeForce GT 630M	545	1278	NA	NA
Radeon HD 8450G + 8600M Dual	545	1277	NA	NA
FirePro 3D V5700	546	1273	1.71	\$319.99*
Quadro 600	546	1274	7.19	\$76.00*
Qualcomm Adreno 680 GPU	546	1275	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1276	NA	NA
Mobility Radeon HD 3870	547	1272	NA	NA
Radeon R5 M335	548	1270	NA	NA
Radeon R7 M265	548	1271	NA	NA
FireGL V8650	550	1269	1.84	\$298.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 615	551	1267	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon HD 7600G + HD 7500M/7600M Dual	555	1204	NA	NA
Radeon HD 7640G + 8570M Dual	558	1263	NA	NA
Radeon HD 7640G + 8670M Dual	558	1262	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1261	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1260	NA	NA
Radeon R6 A8-8600P	560	1259	NA	NA
Quadro FX 5600	561	1258	1.90	\$295.00*
Radeon HD 7560D + R5 235 Dual	563	1257	NA	NA
Radeon R7E	564	1256	NA	NA
GeForce GT 635M	565	1255	NA	NA
Radeon HD 6610M	565	1254	NA	NA
GeForce 820A	568	1253	NA	NA
Radeon HD 7560D + 6450 Dual	568	1252	NA	NA
GeForce GTS 250M	569	1250	NA	NA
Intel HD 5000	569	1251	0.91	\$625.00*
Radeon R6 + R7 M265DX Dual	570	1249	NA	NA
Radeon HD 3870	572	1245	8.18	\$69.99*
Radeon HD 7650A	572	1247	2.18	\$262.00*
Radeon R6 M255DX	572	1246	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	572	1248	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1241	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600	574	1243	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1244	NA	NA
Radeon R5 420	574	1242	14.39	\$39.95*
Intel Skylake HD DT GT2	576	1239	NA	NA
Radeon R5 A240	576	1240	NA	NA
Radeon HD 7620G + 8670M Dual	577	1238	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1237	NA	NA
GeForce 910M	578	1235	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1236	NA	NA
Radeon HD 8550G + 8670M Dual	579	1234	NA	NA
Intel HD 5500	582	1232	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

Quadro 1000M	565	1230	10.74	\$54.50*
Radeon HD 7640G + 8500M Dual	585	1228	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1231	NA	NA
GeForce GTX 280M	586	1227	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1226	NA	NA
Radeon HD 7660G + 8670M Dual	587	1225	NA	NA
Radeon HD 7520G + 7610M Dual	588	1223	NA	NA
Radeon HD 7660G + 7400M Dual	588	1224	NA	NA
Radeon HD 8610G + 8600M Dual	588	1222	NA	NA
GeForce GT 735M	589	1220	NA	NA
GeForce GTS 240	589	1219	9.07	\$64.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 7700M Dual	589	1221	NA	NA
GeForce GT 430	590	1218	4.22	\$139.99*
Radeon HD 7520G + 7600M Dual	591	1217	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1216	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	593	1215	NA	NA
GeForce GT 820M	595	1214	NA	NA
Radeon HD 7640G + 7470M Dual	595	1213	NA	NA
Radeon R5 M330	595	1212	NA	NA
Radeon HD 8510G + 8500M Dual	596	1211	NA	NA
GeForce 8800 GTS 512	597	1210	NA	NA
GeForce 8800 GTX	597	1209	4.98	\$119.99*
Radeon HD 8610G + 8670M Dual	599	1207	NA	NA
Radeon R8 M365DX	599	1208	NA	NA
GeForce GT 720A	600	1206	NA	NA
Matrox C420 LP PCIe x16	602	1204	NA	NA
Radeon HD 8550G + 8500M Dual	602	1205	NA	NA
GeForce 9800 GTX/9800 GTX+	604	1203	6.72	\$89.99*
Intel HD P4600	604	1202	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1201	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1200	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon HD 8610G + 8500M Dual	610	1199	NA	NA
GeForce GT 720	611	1195	6.11	\$99.99*
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1194	NA	NA
Radeon HD 8650G + 8600M Dual	613	1193	NA	NA
FireGL V7600	615	1192	NA	NA
Radeon HD 7660G + HD 7600M Dual	615	1191	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1190	NA	NA
Intel HD 510	617	1188	NA	NA
Radeon HD 8550G + 8600M Dual	617	1189	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1187	NA	NA
Radeon HD 8570 + 8670D Dual	620	1186	NA	NA
GeForce GTS 250	621	1184	8.88	\$69.99*
Radeon HD 7640G + HD 7400M Dual	621	1185	NA	NA
GeForce 810A	622	1183	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1182	NA	NA
Intel HD 515	624	1181	NA	NA
Radeon HD 8650G + 8500M Dual	626	1180	NA	NA
Radeon HD 2900 PRO	627	1178	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1179	NA	NA
GRID K160Q	628	1177	NA	NA
Intel HD 4600	629	1176	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1175	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1173	NA	NA
Radeon HD 7660G + 7470M Dual	630	1174	NA	NA
Quadro FX 3800M	631	1172	NA	NA
Radeon HD 7610M	632	1171	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 5400M	633	1170	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1169	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1168	NA	NA
GeForce 9800 S	635	1165	NA	NA
GeForce GT 710	635	1166	6.17	\$102.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon HD 8450G + 8750M Dual	637	1104	NA	NA
Intel HD P4600/P4700	638	1162	NA	NA
Radeon R6	640	1161	NA	NA
GeForce 8800 Ultra	642	1160	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1159	NA	NA
Radeon HD 7640G + 7670M Dual	644	1158	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1157	NA	NA
Radeon HD 6670 + 6670 Dual	646	1156	NA	NA
FireStream 9170	647	1155	NA	NA
Radeon R5 M430	648	1154	NA	NA
Radeon R7 M340	649	1153	NA	NA
SUMO 9640	650	1152	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1151	NA	NA
Professional HD Driver	653	1150	NA	NA
Radeon HD 7640G + 8750M Dual	654	1147	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1148	NA	NA
Radeon HD 8650G + 8570M Dual	654	1149	NA	NA
GeForce GT 140	657	1146	NA	NA
Radeon HD 2900 XT	659	1145	NA	NA
FireGL V7700	660	1144	9.43	\$69.99*
FirePro V3900	660	1142	2.77	\$238.44*
Radeon HD 5600/5700	660	1143	NA	NA
GeForce 720A	662	1141	NA	NA
GeForce GTS 360M	664	1139	NA	NA
Quadro 500M	664	1140	2.41	\$275.14*
Radeon HD 8550G + 8690M Dual	664	1138	NA	NA
FirePro M7740	665	1137	NA	NA
GeForce GT 555M	665	1136	3.75	\$177.20*
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1135	NA	NA
Intel HD 610	666	1134	NA	NA
GeForce GT 740A	667	1133	NA	NA
Radeon R8 M535DX	670	1132	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

GeForce GTX 285M	675	1120	NA	NA
Radeon R5 A6-7480	675	1129	NA	NA
Quadro FX 4700 X2	676	1127	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1126	NA	NA
Radeon R7 A360	676	1125	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1124	NA	NA
GeForce GTS 160M	678	1123	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1122	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1121	NA	NA
Radeon R5 A6-9400 RADEON R5_6 COMPUTE CORES 2C+4G	680	1119	NA	NA
Radeon R6 A10-8700P	680	1120	NA	NA
GRID P40-3Q	681	1118	NA	NA
Radeon HD 6630M	684	1117	NA	NA
Radeon HD 8550D	685	1116	NA	NA
GeForce GT 530	686	1115	14.00	\$49.00*
Radeon HD 8650G + R5 M230 Dual	686	1114	NA	NA
GeForce GT 630	688	1113	4.68	\$147.01*
Radeon HD 7640G + 8600/8700M Dual	688	1112	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1111	NA	NA
GRID K1	690	1110	1.75	\$395.00*
Radeon HD 7640G + 7700M Dual	690	1109	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1108	NA	NA
Radeon HD 7570M/HD 7670M	699	1107	NA	NA
Radeon HD 7730M	699	1106	NA	NA
TRINITY DEVASTATOR MOBILE	699	1105	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1104	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1103	NA	NA
Tesla K40m	704	-1	NA	NA
Radeon HD 7640G + 7600M Dual	705	1102	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1101	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

Radeon HD 7660G + HD 8670M Dual	711	1097	NA	NA
Intel HD 5600	712	1096	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1095	NA	NA
Radeon HD 8470D + 6450 Dual	717	1094	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1093	NA	NA
Mobility Radeon HD 4870	719	1091	NA	NA
Radeon HD 7540D + 6570 Dual	719	1092	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1090	NA	NA
NVS 510	721	1089	2.82	\$255.53*
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1087	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1088	NA	NA
Intel HD 615	723	1086	NA	NA
GeForce 920M	726	1085	NA	NA
GRID K140Q	727	1084	NA	NA
Intel UHD Graphics 610	727	1083	NA	NA
Radeon HD 7550M/7650M	728	1082	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1081	NA	NA
Intel Poison Ivy	738	1079	NA	NA
Radeon HD 7670M + 7670M Dual	738	1080	NA	NA
Radeon HD 8650G + 7600M Dual	741	1078	NA	NA
GeForce GT 730A	742	1077	NA	NA
Radeon HD 7660G + 7670M Dual	743	1076	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1074	NA	NA
Radeon R7 A8 PRO-7600B	743	1075	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A12-8800B	743	1073	NA	NA
Radeon HD 7660G + 7610M Dual	745	1072	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1071	NA	NA
Radeon HD 7640G + 7650M Dual	747	1069	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1070	NA	NA
Incredible HD 4600	749	1066	NA	NA
Radeon HD 6670	749	1068	10.86	\$68.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon HD 7040G + 7450M Dual	734	1064	NA	NA
Radeon R7 A12-9700P RADEON	754	1063	1.73	\$435.92*
Quadro 1100M	755	1062	NA	NA
Radeon R7 A10 PRO-7800B	756	1061	NA	NA
Radeon HD 7660G + 7700M Dual	757	1060	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1059	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1058	NA	NA
Radeon HD 6650M	759	1057	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1056	NA	NA
Intel UHD Graphics 615	762	1055	NA	NA
Quadro K600	762	1054	12.66	\$60.24*
Radeon HD 6450 + 8470D Dual	762	1053	NA	NA
Mobility Radeon HD 5850	763	1052	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1051	NA	NA
Radeon R7 M270	765	1050	NA	NA
Quadro 2000M	766	1049	3.34	\$229.74*
GeForce 825M	768	1048	NA	NA
GeForce 730A	769	1046	NA	NA
GeForce 9800 GTX	769	1047	10.26	\$74.99*
Radeon HD 4810	769	1045	NA	NA
Intel Iris 5100	772	1044	NA	NA
Mobility Radeon HD 5000	773	1043	NA	NA
Radeon HD 7600M + 7600M Dual	773	1041	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1042	NA	NA
GeForce GT 340	774	1039	14.62	\$52.99*
Quadro K420	774	1040	2.88	\$269.00*
RadeonT Vega 3	774	-1	NA	NA
GeForce GT 440	775	1038	3.45	\$225.00*
Radeon HD 7640G + 7500M/7600M Dual	775	1037	NA	NA
Radeon R5 A6-8500P	776	1036	NA	NA
GRID P40-4Q	777	1034	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1035	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

Quadro K1000M	780	1032	11.16	\$69.99
Radeon R5 M435	781	1028	NA	NA
Radeon R7 A365	781	1030	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1029	NA	NA
GeForce GT 740M	782	1027	NA	NA
Radeon HD 5670	785	1026	11.72	\$67.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8750M Dual	786	1025	NA	NA
Radeon HD 8550G + 8750M Dual	795	1024	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1023	NA	NA
Radeon R5 A10-9620P 4C+6G	796	1022	NA	NA
GeForce 9800 GX2	797	1020	4.09	\$195.00*
Radeon 535DX	797	1021	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1019	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1018	NA	NA
Radeon R5 A10-9600P 4C+6G	805	1017	NA	NA
Radeon R8 M445DX	806	1016	NA	NA
Radeon HD 8670D + 7000 Dual	811	1015	NA	NA
Radeon HD 7670	813	1014	NA	NA
Radeon R9 M280X	813	1013	NA	NA
GeForce GT 730M	815	1012	NA	NA
Radeon R7 A10 Extreme Edition	816	1011	NA	NA
Radeon R7 M365X	816	1010	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1009	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1008	NA	NA
GeForce GT 730	821	1007	7.47	\$109.99*
Radeon HD 7540D + 7500 Dual	821	1006	NA	NA
Radeon HD 3850 X2	822	1004	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	822	1003	NA	NA
Radeon R7 M260DX	822	1005	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1002	NA	NA
3DP Edition	826	1001	0.71	\$1,159.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 5200	830	998	NA	NA
GeForce GT 635	831	997	12.42	\$66.94*
Radeon HD 7660G + 7600M Dual	831	996	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	995	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	993	NA	NA
Radeon R7 PRO A8-8650B	832	994	NA	NA
Radeon HD 7560D + 6570 Dual	833	992	NA	NA
Radeon HD 6650A	835	991	NA	NA
Radeon HD 8670D + R5 235 Dual	836	990	NA	NA
Radeon HD 8470D + 6570 Dual	837	989	NA	NA
FireGL V8600	838	988	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	839	987	NA	NA
Radeon R5 435	840	986	NA	NA
GeForce GT 445M	843	985	NA	NA
Radeon 520	844	984	9.39	\$89.99*
Radeon R5 PRO A8-9600B 4C+6G	845	983	NA	NA
Radeon R7 FX-9800P RADEON	848	982	1.60	\$530.00*
Radeon HD 6800M	849	981	NA	NA
Radeon HD 8500M/8700M	852	980	NA	NA
FirePro 3D V4800	853	978	5.33	\$159.99*
Qualcomm Adreno 685 GPU	853	-1	NA	NA
Radeon R7 A8-7500 4C+6G	853	979	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + HD 7600M Dual	854	977	NA	NA
Radeon HD 4830	860	976	14.34	\$59.99*
Radeon R7 A12-9730P RADEON	861	975	NA	NA
Intel UHD Graphics 617	862	974	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	973	NA	NA
Radeon R7 A8-7650K	862	972	NA	NA
Intel HD 6000	863	971	NA	NA
Intel HD 520	865	968	NA	NA
Radeon R7 M440	865	970	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 440	868	965	7.90	\$109.99
Radeon R7 G	869	964	NA	NA
LMIMIRR	874	963	NA	NA
Radeon E6760	876	962	3.65	\$239.99*
Radeon R7 A8-7670K	876	961	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	877	960	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	959	NA	NA
Radeon R7 PRO A12-8830B	882	958	NA	NA
Radeon HD 8650G + 7670M Dual	883	957	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	956	NA	NA
Radeon Vega 3	886	955	0.33	\$2,677.99*
GeForce 920A	888	954	NA	NA
Radeon R7 A10-7800	889	953	NA	NA
FirePro W2100	890	952	15.08	\$59.00*
7900 MOD - Radeon HD 6550D	892	951	NA	NA
Radeon R5 PRO A6-9500 2C+6G	895	950	NA	NA
Radeon R7 A10-7700K	896	949	NA	NA
Radeon 620	897	948	NA	NA
Radeon R7 + R5 Dual	897	947	NA	NA
Barco MXRT 2600	900	946	4.52	\$199.00*
Barco MXRT 7400	900	945	9.10	\$99.00*
Radeon HD 8550G + 7600M Dual	901	944	NA	NA
Radeon HD 4770	906	943	15.10	\$59.99*
GeForce GT 640M	911	940	NA	NA
GRID M6-0B	911	941	NA	NA
Radeon 6750M	911	942	NA	NA
GRID K220Q	912	939	NA	NA
Radeon R7 A8-8650	912	938	NA	NA
GRID M10-0Q	913	937	NA	NA
Radeon HD 8750M	914	936	NA	NA
Radeon R7 240 + HD 8570D Dual	917	935	NA	NA
GeForce GT 645M	921	934	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

Intel HD Graphics 620	922	931	NA	NA
Radeon R7 A8-7600	922	930	NA	NA
Intel Iris Pro 6100	925	929	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon. HD 7730M	928	928	NA	NA
Radeon R7 240 + HD 8670D Dual	930	927	NA	NA
Radeon HD 7660G + 7730M Dual	931	926	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	925	NA	NA
Radeon HD 6750M	937	924	NA	NA
Quadro 2000	938	923	4.40	\$213.23*
Radeon HD 7660D + R7 240 Dual	941	922	NA	NA
Radeon R7 M445	943	921	1.27	\$744.00*
zxvcIntel HD 620	943	-1	NA	NA
Radeon HD 6670/7670	945	918	NA	NA
Radeon HD 7640G + 7690M Dual	945	919	NA	NA
Radeon R7 PRO A10-8850B	945	920	NA	NA
Radeon HD 4850	946	917	2.50	\$378.00*
Quadro CX	947	916	6.32	\$149.95*
FirePro M4150	948	915	NA	NA
Radeon R7 A8-7680	948	914	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	913	NA	NA
Radeon HD 8670D + R7 200 Dual	949	912	NA	NA
Radeon R7 M260X	954	910	NA	NA
Radeon R7 PRO A10-8750B	954	911	NA	NA
Radeon R5 430	955	908	16.20	\$59.00*
Radeon R6 Opteron X3418	955	909	NA	NA
Radeon HD 6750	961	907	12.02	\$79.99*
Radeon R7 M270DX	961	-1	NA	NA
Radeon R7 A10 PRO-7850B	962	906	NA	NA
Radeon HD 8570D + R7 240 Dual	963	905	NA	NA
Radeon HD 6770M	964	904	NA	NA
Qualcomm Adreno 690 GPU	965	903	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 A10-9600P 4G+6G	970	900	NA	NA
Radeon 530	971	899	NA	NA
Radeon HD 8850M	973	898	NA	NA
Radeon HD 8670D + 8570 Dual	974	897	NA	NA
Radeon R7 A10-7860K	974	896	NA	NA
Radeon R7 A10-8750	976	895	NA	NA
FirePro V4900	977	894	6.52	\$149.99*
Quadro FX 4800	977	893	4.79	\$204.00*
GeForce 830M	981	892	NA	NA
Intel HD 530	982	890	NA	NA
Quadro 2000D	982	891	7.02	\$140.00*
Radeon HD 7560D + 7560D Dual	982	889	NA	NA
Radeon HD 8570	983	888	9.97	\$98.68*
Radeon HD 8690M	984	886	NA	NA
Radeon R5 340	984	887	NA	NA
Radeon HD 7560D + 7570 Dual	985	885	NA	NA
Radeon R7 A265	993	884	NA	NA
Radeon R7 M465	995	883	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	882	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M265X	997	881	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	880	NA	NA
Radeon HD 8570D + R7 200 Dual	999	879	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	878	NA	NA
Radeon HD 7690M	1003	877	NA	NA
GeForce 830A	1004	876	NA	NA
Quadro 3000M	1007	875	14.39	\$69.99*
GeForce 930M	1008	874	NA	NA
Radeon HD 7690M XT	1009	873	NA	NA
Radeon Vega 3 Mobile	1009	872	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	871	NA	NA
Radeon R7 PRO A12-9800E	1014	870	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + R7 240 Dual	1020	867	NA	NA
Radeon R7 A10-7850K	1021	866	NA	NA
Radeon Ryzen 3 5400U	1022	865	NA	NA
Radeon R9 A375	1024	-1	NA	NA
Radeon R7 A8-7500	1027	863	NA	NA
Radeon R7 M350	1027	864	NA	NA
Radeon R7 + R5 330 Dual	1028	862	NA	NA
Radeon HD 8600/8700M	1029	860	NA	NA
Radeon R7 FX-8800P	1029	861	NA	NA
Quadro K2000M	1032	859	7.17	\$144.04*
Radeon HD 8570D + HD 8570 Dual	1032	858	NA	NA
Intel UHD Graphics 620	1033	857	NA	NA
Radeon HD 8570D + 6670 Dual	1039	856	NA	NA
Radeon R5 A6-9500 2C+6G	1040	855	NA	NA
Radeon R7 + R7 240 Dual	1045	854	NA	NA
Radeon R7 340	1045	853	NA	NA
Radeon 535	1048	852	NA	NA
GeForce GTX 850A	1049	850	NA	NA
Radeon R7 PRO A8-9600	1049	851	NA	NA
Radeon HD 7670A	1050	849	NA	NA
OPAL XT/GL	1053	848	NA	NA
GeForce GT 745M	1058	847	NA	NA
Firepro M4100	1059	846	NA	NA
GeForce GTX 760A	1059	845	NA	NA
Radeon HD 7520G + 7700M Dual	1060	844	NA	NA
GeForce 840M	1061	843	NA	NA
Radeon HD 7660D + 7670 Dual	1061	842	NA	NA
Radeon R7 PRO A10-9700B	1066	841	NA	NA
FirePro M4170	1067	840	NA	NA
Radeon R7 A8-9600 RADEON	1068	839	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	838	NA	NA
Mobility Radeon HD 5870	1076	837	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼


videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
GeForce 920MX	1080	834	NA	NA
MIRRORV3	1080	833	NA	NA
Quadro K1100M	1081	832	3.35	\$322.99*
GeForce GT 545	1085	831	19.52	\$55.59*
Radeon R7 M460	1090	830	NA	NA
GeForce GTX 850M - MODDED	1091	829	NA	NA
Intel UHD Graphics 710	1096	828	NA	NA
Quadro 2100M	1100	827	NA	NA
Radeon HD 7660D + 6570 Dual	1100	826	NA	NA
Radeon R7 A10-9700E RADEON	1100	825	NA	NA
Radeon R7 430	1101	824	5.51	\$199.99*
Radeon R7 250	1105	822	5.82	\$189.97*
Radeon R7 A12-9800E RADEON	1105	823	7.94	\$139.19*
Radeon Athlon Gold PRO 4150GE	1106	-1	NA	NA
GeForce 940M	1113	821	NA	NA
Firepro W4190M	1114	819	NA	NA
Radeon R7 A10-8850	1114	820	NA	NA
Radeon R9 M275	1114	818	1.59	\$699.99*
Intel HD 630	1116	817	NA	NA
Quadro M500M	1119	816	NA	NA
Radeon HD 7660D + 7500 Dual	1121	815	NA	NA
Radeon R7 A10-7870K	1122	814	NA	NA
Radeon 625	1125	813	NA	NA
Radeon HD 8650G + 7700M Dual	1126	812	NA	NA
Radeon R7 + R7 200 Dual	1128	811	NA	NA
Radeon HD 7560D + 6670 Dual	1130	810	NA	NA
Radeon HD 4850 X2	1132	809	NA	NA
Radeon R7 PRO A10-8770E	1134	808	NA	NA
GeForce 930A	1139	806	NA	NA
Radeon HD 8850M / R9 M265X	1139	807	NA	NA
Radeon R7 PRO A10-9700E	1142	805	2.16	\$529.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Core i7-4770	1158	801	NA	NA
Quadro K620M	1158	800	NA	NA
Radeon R7 PRO A12-8870E	1160	799	NA	NA
Barco MXRT 5400	1161	798	5.72	\$203.00*
Intel HD P630	1161	796	NA	NA
NVS 810	1161	797	1.86	\$624.99*
Radeon Ryzen Embedded V2516	1163	795	NA	NA
FireStream 9250	1164	794	NA	NA
Radeon HD 5750	1166	793	16.67	\$69.99*
Radeon R7 A10-9700 RADEON	1166	792	NA	NA
Radeon R7 Opteron X3421	1168	791	NA	NA
GeForce 840A	1179	790	NA	NA
FirePro V5800	1182	789	22.31	\$53.00*
GeForce GT 640	1186	788	10.78	\$109.99*
Radeon HD 7730	1187	787	5.10	\$232.70*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 295	1188	786	7.43	\$159.99*
Intel HD P530	1190	784	NA	NA
Radeon R7 +8G	1190	785	NA	NA
Radeon HD 7750M	1191	783	NA	NA
GeForce GT 650M	1199	782	NA	NA
N16P-GX	1204	779	NA	NA
Radeon HD 7660D + 7540D Dual	1204	780	NA	NA
Radeon R9 M270X	1204	781	NA	NA
FirePro 3D V8700	1206	778	7.09	\$170.07*
GeForce GTX 460M	1209	777	NA	NA
Radeon HD 8790M / R9 M290X	1210	776	NA	NA
GeForce GTX 260	1218	774	15.24	\$79.99*
GeForce GTX 280	1218	775	2.33	\$522.78*
Radeon HD 8670D + HD 6670 Dual	1221	773	NA	NA
Intel Iris Pro 5200	1225	772	NA	NA
FirePro 3D V5800	1231	770	6.04	\$204.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 + R9 340 Dual	1234	707	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	766	NA	NA
Quadro FX 5800	1238	765	4.52	\$274.00*
Radeon HD 7660D + 6670 Dual	1238	764	NA	NA
Quadro 2000 D	1239	762	NA	NA
Radeon HD 8570D + 6570 Dual	1239	763	NA	NA
GeForce GTX 560M	1243	761	NA	NA
Radeon 630	1244	760	NA	NA
Radeon R7 A12-9800 RADEON	1248	759	NA	NA
Intel Iris 540	1256	758	NA	NA
FirePro V5900	1258	756	14.64	\$86.00*
Radeon HD 7560D + HD 7600 Dual	1258	757	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	755	NA	NA
Radeon R7 PRO A10-9700	1263	754	NA	NA
FirePro 3D V8750	1271	753	1.03	\$1,230.99*
Radeon R7 A370	1281	752	NA	NA
Intel UHD Graphics 630	1282	751	NA	NA
Quadro 4000M	1294	750	5.58	\$232.06*
Radeon Ryzen Embedded V2748	1296	-1	NA	NA
Radeon Vega 6	1299	748	0.72	\$1,799.99*
TENSOR 1.0 Driver Intel HD 630	1299	749	NA	NA
GeForce 930MX	1302	747	NA	NA
Radeon HD 8790M	1305	746	NA	NA
Tesla M2070-Q	1305	745	NA	NA
Radeon HD 4870 X2	1309	744	NA	NA
Radeon R7 PRO A8-8670E	1309	743	NA	NA
FirePro M5950	1314	741	NA	NA
GeForce GT 750M	1314	742	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	740	NA	NA
Radeon R7 PRO A10-8770	1319	739	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 3 4300U	1325	738	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Firestream 9270	1341	733	NA	NA
Radeon HD 5770	1341	734	7.06	\$189.99*
Radeon HD 7560D + HD 7700 Dual	1346	732	NA	NA
Radeon 540	1348	730	NA	NA
Ryzen 3 4300U with Radeon Graphics	1348	731	NA	NA
Quadro K2100M	1351	729	3.25	\$415.99*
Radeon HD 8670D + 6670 Dual	1361	728	NA	NA
FirePro M40003	1364	727	NA	NA
Radeon R5 A10-9630P 4C+6G	1366	726	NA	NA
Intel Iris 550	1369	725	NA	NA
Radeon HD 7850M	1372	724	NA	NA
Radeon R7 PRO A12-8870	1375	723	NA	NA
FirePro W5130M	1378	722	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	721	NA	NA
Radeon 540X	1391	720	NA	NA
Radeon HD 4870	1393	719	17.42	\$79.99*
Radeon R9 M370X	1398	718	1.57	\$889.00*
GeForce GTX 275	1400	717	3.24	\$431.72*
Radeon Pro WX 4170	1409	716	NA	NA
Radeon R7 M370	1417	715	NA	NA
Radeon Ryzen 3 5300GE	1418	-1	NA	NA
Radeon 550X	1419	714	NA	NA
GeForce GTX 660M	1424	713	18.03	\$78.99*
Radeon HD 7560D + 7670 Dual	1426	712	NA	NA
Intel Iris Pro Graphics 6200	1429	711	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	710	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	709	NA	NA
Radeon Vega 8 Mobile	1442	708	NA	NA
Radeon Ryzen 3 PRO 5450U	1454	707	NA	NA
Radeon Ryzen 3 PRO 4350GE	1459	706	NA	NA
GeForce 845M	1464	705	NA	NA
Radeon Vega 10 Mobile	1465	704	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660D + HD 6670 Dual	1484	700	NA	NA
Radeon R9 255	1484	701	4.31	\$344.16*
Quadro 4000	1485	699	1.48	\$1,002.95
Quadro P500	1489	698	NA	NA
Radeon HD 6670 + 7660D Dual	1492	697	NA	NA
GeForce 940MX	1502	696	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	695	NA	NA
Radeon HD 7870M	1507	694	NA	NA
Radeon Ryzen 3 PRO 4450U	1510	693	NA	NA
Radeon HD 4890	1511	692	16.80	\$89.99*
FirePro W6150M	1515	691	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics	1526	690	NA	NA
RadeonT RX 640	1533	689	NA	NA
FirePro W4100	1534	688	8.34	\$184.00*
FirePro V8700	1538	686	9.75	\$157.88*
Ryzen 3 PRO 4450U with Radeon Graphics	1538	687	NA	NA
GeForce GTX 285	1539	685	12.83	\$119.99*
Ryzen 3 PRO 4300U with Radeon Graphics	1542	684	NA	NA
GeForce GTX 550 Ti	1543	683	15.44	\$99.99*
Radeon HD 8470D + HD 7500 Dual	1545	682	NA	NA
Radeon Vega 10	1545	681	NA	NA
GeForce GT 740	1550	680	6.54	\$236.99*
Radeon RX Vega 8	1552	679	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	678	NA	NA
Quadro K2000	1561	677	5.31	\$294.00*
Ryzen 3 5300U with Radeon Graphics	1571	676	NA	NA
Intel Iris Plus 650	1573	675	NA	NA
Radeon R9 M275X / M375	1574	674	NA	NA
Radeon Vega 8	1585	673	12.49	\$126.86*
Quadro P400	1591	672	7.91	\$201.17*
Radeon Vega 9	1591	671	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Quadro K2000U	1012	607	4.74	\$339.99
Ryzen 7 2700U with Radeon Vega	1617	666	NA	NA
GeForce GT 755M	1618	665	NA	NA
FirePro W600	1619	664	3.90	\$414.99*
Radeon R7 M465X	1623	663	NA	NA
Intel Iris Pro P6300	1625	662	NA	NA
FirePro M4000 Mobility Pro	1630	661	NA	NA
Radeon HD 6790	1631	660	5.55	\$294.00*
Intel UHD Graphics 730	1632	659	NA	NA
Radeon Ryzen 3 4300G	1637	658	NA	NA
Radeon HD 8870M	1638	657	NA	NA
Quadro K3000M	1651	656	4.05	\$407.56*
Radeon HD HD7850M	1651	654	NA	NA
Radeon Ryzen 3 5300G	1651	655	NA	NA
Firepro W5170M	1654	653	NA	NA
Radeon R7 M380	1668	651	NA	NA
Radeon RX Vega 10	1668	652	NA	NA
GeForce GTX 760M	1672	650	NA	NA
Radeon Ryzen 5 PRO 4650U	1681	649	NA	NA
Radeon E8860	1686	648	NA	NA
Radeon RX 640	1689	647	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1698	646	NA	NA
Radeon HD 7750	1712	645	17.12	\$99.99*
Radeon Ryzen 3 PRO 4200GE	1712	644	NA	NA
Radeon HD 6900M	1715	643	NA	NA
Radeon RX Vega11	1717	642	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M375X	1721	641	NA	NA
Intel Iris Plus 645	1731	640	NA	NA
Ryzen 3 5400U with Radeon Graphics	1732	639	NA	NA
Radeon HD 5830	1733	638	6.69	\$258.99*
Intel UHD Graphics 750	1747	637	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 4130U	1760	634	NA	NA
Intel Iris Plus 655	1763	632	NA	NA
Radeon Pro WX 2100	1770	631	NA	NA
GeForce GTX 670M	1771	630	NA	NA
Quadro 5010M	1771	629	7.51	\$235.95*
Radeon Ryzen 5 4600U	1773	628	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	627	NA	NA
Radeon HD 8670D + 7700 Dual	1788	626	NA	NA
Radeon R7 FX-9830P RADEON	1790	625	NA	NA
Radeon Ryzen 5 4600GE	1792	624	NA	NA
Intel Iris 650	1794	623	NA	NA
Radeon R9 M360	1795	622	NA	NA
Embedded Radeon E9173	1798	621	NA	NA
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	619	NA	NA
Radeon Ryzen 5 4500U	1799	620	NA	NA
RadeonT 540X	1806	618	NA	NA
RadeonT RX 560X	1809	617	NA	NA
Matrox C900 PCIe x16	1812	616	NA	NA
Ryzen 5 4500U with Radeon Graphics	1812	615	NA	NA
FirePro M6000	1820	614	5.58	\$325.99*
GeForce GTX 555	1823	613	NA	NA
Radeon Vega 11	1825	612	NA	NA
MxGPU	1826	611	NA	NA
Qualcomm Adreno 8cx Gen 3	1830	610	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	609	NA	NA
GRID M60-0B	1838	608	NA	NA
Intel Iris Plus	1838	607	NA	NA
FirePro M5100 FireGL V	1839	606	NA	NA
GeForce MX230	1841	605	NA	NA
Radeon RX 540	1845	604	NA	NA
GeForce 945A	1852	603	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼


FirePro 3D V7800	1867	600	3.11	\$599.99
Radeon RX Vega 11 Processor	1879	599	NA	NA
GeForce MX130	1881	598	NA	NA
GeForce GTX 670MX	1891	597	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	596	NA	NA
Radeon HD 7700-series	1899	595	NA	NA
Ryzen 3 4300G with Radeon Graphics	1902	594	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox C680 PCIe x16	1903	593	NA	NA
GeForce GTX 570M	1909	592	NA	NA
GeForce GTX 675M	1911	591	NA	NA
Radeon HD 7560D + 7700 Dual	1919	590	NA	NA
Radeon RX 570X	1923	589	6.87	\$279.99*
Ryzen 5 4600H with Radeon Graphics	1938	588	NA	NA
Radeon R9 M275X	1940	587	NA	NA
GeForce GTX 460 v2	1948	586	9.74	\$199.99*
Radeon Ryzen 5 5560U	1950	585	NA	NA
Ryzen 5 4600U with Radeon Graphics	1951	584	NA	NA
GeForce GTX 470M	1953	583	NA	NA
Radeon R7 450	1953	582	6.53	\$299.00*
Intel UHD	1956	581	NA	NA
Radeon 550	1958	-1	24.49	\$79.99
Radeon HD 7660D + HD 7700 Dual	1958	580	NA	NA
Radeon HD 5850	1961	579	6.79	\$288.99*
Radeon R7 + HD 7700 Dual	1962	578	NA	NA
GeForce GTX 460 SE	1966	577	12.29	\$159.99*
Radeon Ryzen 3 PRO 5350G	1968	576	NA	NA
Intel Iris Pro 580	1974	575	NA	NA
Radeon Ryzen 5 PRO 4650GE	1975	574	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	1976	573	NA	NA
Radeon Ryzen 5 5600U	1981	571	NA	NA
Radeon Ryzen Embedded V2718	1981	572	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon HD 6850	1963	507	23.34	\$65.00*
FirePro M6100	1987	566	NA	NA
Radeon R9 M385X	1993	565	NA	NA
Intel Iris Xe MAX	2003	563	NA	NA
Radeon Ryzen 5 PRO 5650U	2003	564	NA	NA
GeForce GT 645	2005	562	NA	NA
GeForce GTX 560 SE	2006	561	22.29	\$89.99*
GeForce 945M	2007	560	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	559	NA	NA
Quadro K4000M	2009	558	7.91	\$254.00*
Radeon Pro	2009	557	0.72	\$2,782.02*
Radeon Pro W5500M	2010	556	NA	NA
Ryzen 5 5500U with Radeon Graphics	2011	555	NA	NA
Radeon R9 M385	2017	554	NA	NA
Radeon Ryzen 7 PRO 4750U	2025	553	NA	NA
Radeon R9 350	2026	552	6.78	\$299.00*
Ryzen 7 PRO 4750U with Radeon Graphics	2029	551	NA	NA
FirePro V7800	2033	550	10.70	\$190.00*
Ryzen 7 4700U with Radeon Graphics	2034	549	NA	NA
Radeon Ryzen 7 4700U	2035	548	NA	NA
GeForce GTX 480M	2050	547	NA	NA
Quadro 5000M	2059	546	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 4600G with Radeon Graphics	2061	545	NA	NA
GRID M6-1Q	2069	544	NA	NA
GeForce GTX 580M	2074	543	8.34	\$248.68*
Quadro P520	2088	542	1.39	\$1,499.00*
FirePro M5100	2102	540	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2102	541	NA	NA
Radeon TM R9 A360	2105	539	NA	NA
Ryzen 5 5560U with Radeon Graphics	2109	-1	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	538	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Ryzen 5 5600U with Radeon Graphics	2153	535	NA	NA
Radeon Ryzen 5 4600G	2154	534	NA	NA
Ryzen 7 Extreme Edition	2161	533	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2163	532	NA	NA
Radeon Ryzen 5 PRO 5650G	2164	531	NA	NA
Intel Iris Pro P580	2168	530	NA	NA
GeForce GTX 745	2172	529	7.63	\$284.95*
Ryzen 3 PRO 4350GE with Radeon Graphics	2180	528	NA	NA
Radeon HD 7770	2183	527	7.28	\$300.00*
RadeonT R7 450	2184	526	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	525	NA	NA
Radeon Ryzen 3 PRO 4350G	2192	523	NA	NA
Radeon Ryzen 7 PRO 4750GE	2192	524	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2199	522	NA	NA
Radeon Pro WX 4150	2211	521	3.63	\$610.04*
Radeon HD 6870	2215	520	8.06	\$275.00*
FirePro V8800	2223	518	11.23	\$198.00*
GRID P100-1B	2223	519	NA	NA
Radeon HD 8950	2227	516	NA	NA
Radeon Ryzen 7 PRO 5850U	2227	517	NA	NA
Ryzen 3 5300G with Radeon Graphics	2241	515	NA	NA
Quadro K620	2245	514	1.11	\$2,029.99*
Radeon HD 5970	2257	513	12.54	\$179.99*
Ryzen 7 5700U with Radeon Graphics	2261	512	NA	NA
Radeon HD 5870	2267	511	7.68	\$295.00*
Radeon R7 250X	2268	510	11.70	\$194.00*
Radeon HD 6970M	2270	509	10.51	\$215.99*
Quadro K3100M	2277	508	5.70	\$399.95*
Radeon Ryzen 7 4800U	2282	507	NA	NA
GeForce GTX 460	2284	506	25.38	\$89.99*
Radeon R9 M470	2288	505	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2289	504	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 PRO 4400G with Radeon Graphics	2305	501	NA	NA
GRID M10-1B	2309	500	NA	NA
Radeon Ryzen 3 4300GE	2313	499	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 PRO 5750G	2322	498	NA	NA
GeForce GTX 675MX	2338	497	NA	NA
Radeon Ryzen 7 5800U	2340	496	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2340	495	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2341	494	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	493	NA	NA
Radeon Pro Ryzen 7 PRO 5850U	2353	492	NA	NA
GeForce GTX 485M	2359	491	NA	NA
Radeon Ryzen 5 PRO 4650G	2360	490	NA	NA
Radeon RX 550X	2366	489	NA	NA
Radeon Ryzen 5 PRO 5650GE	2382	488	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2386	487	NA	NA
Ryzen 5 5600H with Radeon Graphics	2386	486	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2395	485	NA	NA
Radeon RX Vega 11 PRD	2401	484	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2402	-1	NA	NA
Ryzen 7 5800U with Radeon Graphics	2409	483	NA	NA
GeForce GTX 960A	2410	482	NA	NA
GRID M10-2B	2416	481	NA	NA
FirePro 3D V8800	2437	480	5.74	\$424.99*
Ryzen 7 PRO 5850U with Radeon Graphics	2449	479	NA	NA
Barco MXRT 5600	2465	478	3.50	\$704.00*
Ryzen 5 PRO 5650GE with Radeon Graphics	2470	477	NA	NA
Radeon Pro WX 3200	2472	476	10.38	\$238.18
Radeon Ryzen 3 PRO 5350GE	2480	475	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	474	NA	NA
GeForce MX250	2497	473	NA	NA
Radeon Ryzen 5 5600H	2498	472	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Ryzen 5 PRO 5650G with Radeon Graphics</u>	2522	468	NA	NA
<u>N18E-Q1</u>	2525	467	NA	NA
<u>GeForce GT 1030</u>	2526	466	22.97	\$109.99
<u>FireStream 9370</u>	2528	465	NA	NA
<u>Radeon Ryzen 7 5800HS</u>	2531	464	NA	NA
<u>Ryzen 9 5980HS with Radeon Graphics</u>	2533	-1	NA	NA
<u>Radeon HD 6850 X2</u>	2534	463	NA	NA
<u>Radeon Pro Ryzen 5 PRO 5650U</u>	2540	462	NA	NA
<u>GeForce GTX 650 Ti</u>	2541	460	27.32	\$93.05*
<u>GRID K240Q</u>	2541	461	NA	NA
<u>Custom GPU 0405</u>	2546	459	NA	NA
<u>Ryzen 7 PRO 4750GE with Radeon Graphics</u>	2549	458	NA	NA
<u>Intel UHD Graphics 770</u>	2551	457	NA	NA
<u>Radeon Ryzen 5 5600G</u>	2557	456	NA	NA
<u>GeForce GTX 850M</u>	2564	454	NA	NA
<u>Radeon Ryzen 7 4700G</u>	2564	455	NA	NA
<u>Radeon Ryzen 7 4700GE</u>	2579	453	NA	NA
<u>Ryzen 7 PRO 5750G with Radeon Graphics</u>	2590	452	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 950M</u>	2596	451	4.58	\$567.00*
<u>Radeon Ryzen 5 4600H</u>	2598	450	NA	NA
<u>Ryzen 5 5600GE with Radeon Graphics</u>	2601	449	NA	NA
<u>Radeon Ryzen 9 4900H</u>	2603	448	NA	NA
<u>Radeon Ryzen 7 PRO 4750G</u>	2605	447	NA	NA
<u>GRID M10-8Q</u>	2606	446	NA	NA
<u>Radeon Pro WX 3100</u>	2608	445	NA	NA
<u>Radeon Ryzen 7 PRO 5750GE</u>	2620	444	NA	NA
<u>Ryzen 7 PRO 5750GE with Radeon Graphics</u>	2626	443	NA	NA
<u>MONSTER GeForce GTX 675M</u>	2637	442	NA	NA
<u>Radeon HD 6950</u>	2641	441	18.87	\$139.99*
<u>FirePro R5000</u>	2646	440	24.06	\$109.99*
<u>Ryzen 5 5600G with Radeon Graphics</u>	2653	439	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Ryzen 7 Pro 4700G with Radeon Graphics</u>	2081	435	NA	NA
<u>GeForce GTX 465</u>	2683	434	13.76	\$195.00*
<u>Quadro 6000</u>	2688	433	0.66	\$4,092.38*
<u>Quadro K4100M</u>	2690	432	10.30	\$261.29*
<u>Quadro K4000</u>	2696	431	9.99	\$270.00*
<u>Barco MXRT 5500</u>	2701	430	9.04	\$299.00*
<u>Radeon RX 550</u>	2706	429	14.28	\$189.47
<u>GeForce GTX 560</u>	2710	428	13.22	\$205.00*
<u>Ryzen 9 4900H with Radeon Graphics</u>	2713	-1	NA	NA
<u>Ryzen 7 5700G with Radeon Graphics</u>	2718	427	NA	NA
<u>Radeon Pro 450</u>	2722	426	NA	NA
<u>FirePro S7150</u>	2726	424	1.61	\$1,697.99*
<u>FirePro V9800</u>	2726	425	5.75	\$474.00*
<u>GRID K2</u>	2736	423	0.61	\$4,449.99
<u>Quadro K5000M</u>	2738	422	5.38	\$508.91*
<u>Intel Iris Xe</u>	2739	421	NA	NA
<u>Radeon Ryzen 9 5900H</u>	2754	-1	NA	NA
<u>Ryzen 9 5900HX with Radeon Graphics</u>	2781	420	NA	NA
<u>Quadro M620</u>	2783	419	NA	NA
<u>Radeon Ryzen 7 5700G</u>	2788	418	NA	NA
<u>FirePro W4300</u>	2798	416	11.66	\$239.99*
<u>Ryzen 7 5800H with Radeon Graphics</u>	2798	417	NA	NA
<u>GeForce GTX 770M</u>	2801	415	20.30	\$138.00*
<u>FirePro 3D V9800</u>	2811	414	1.13	\$2,499.00*
<u>Radeon HD 6970</u>	2825	413	18.84	\$149.99*
<u>GRID K280Q</u>	2839	412	NA	NA
<u>GeForce MX350</u>	2849	411	NA	NA
<u>Radeon Pro V340 MxGPU</u>	2853	410	NA	NA
<u>Quadro K1200</u>	2854	409	8.92	\$319.95*
<u>Ryzen 7 PRO 4700G with Radeon Graphics</u>	2879	-1	NA	NA
<u>Radeon R7 260</u>	2891	408	32.13	\$89.99*
<u>Radeon R9 M380</u>	2903	407	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K2600	2949	404	NA	NA
FirePro W5100	2960	403	23.50	\$125.99*
Radeon Ryzen 7 5700GE	2964	-1	NA	NA
FirePro W5000	2969	402	16.14	\$184.00*
Radeon HD 6990	3013	401	6.04	\$498.49*
Radeon R9 M390X	3020	400	NA	NA
GeForce GTX 860M	3025	399	26.54	\$114.00*
Radeon R9 360	3031	398	22.64	\$133.89*
GeForce GTX 560 Ti	3036	397	23.36	\$129.99*
Radeon R7 360	3047	396	20.88	\$145.99*
Intel G35 Express	3090	394	NA	NA
Radeon HD 7790	3090	395	22.07	\$139.99*
Tesla C2070	3101	393	5.13	\$604.00*
GeForce GTX 470	3110	392	51.84	\$59.99*
Radeon Pro 455	3112	391	6.93	\$449.00*
Radeon RX Vega Ryzen 5 5600G	3115	390	NA	NA
Tesla C2075	3118	389	4.83	\$646.00*
Radeon R7 260X	3138	388	22.42	\$139.99*
Radeon Pro 555	3140	387	2.99	\$1,049.00*
FirePro V7000	3161	385	NA	NA
FirePro W7170M	3161	386	NA	NA
RadeonT RX 5500M	3165	384	NA	NA
GeForce GTX 680M	3166	383	23.29	\$135.99*
Radeon R9 260	3181	381	NA	NA
Radeon RX 560X	3181	382	NA	NA
GRID M60-4Q	3188	380	NA	NA
Radeon R9 M485X	3204	379	NA	NA
Quadro K5100M	3222	378	2.91	\$1,108.84*
GRID M10-4Q	3223	377	NA	NA
Quadro P600	3241	376	9.94	\$325.99*
NVS 310	3242	375	52.24	\$62.06*
GeForce 770M	3245	374	18.34	\$176.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 650 Ti BOOST	3311	371	NA	NA
GeForce GTX 590	3350	370	7.70	\$435.00*
GRID M10-1Q	3351	369	NA	NA
GRID P40-2B	3354	368	NA	NA
Radeon E8870PCIe	3368	367	NA	NA
Radeon HD8970M	3368	366	NA	NA
GeForce GTX 750	3374	365	42.18	\$79.99*
GRID K520	3399	364	22.66	\$149.99*
Radeon R9 M470X	3400	363	NA	NA
Radeon RX Vega M GL	3403	362	NA	NA
GeForce GTX 960M	3404	361	2.91	\$1,169.00*
Quadro K2200M	3411	360	27.30	\$124.95*
GeForce GTX 870M	3417	359	NA	NA
Ryzen 5 6600U with Radeon Graphics	3417	-1	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla C2050 / C2070	3428	358	NA	NA
Radeon Pro 460	3452	357	NA	NA
Radeon Pro 560	3475	356	NA	NA
Tesla M10	3490	355	1.30	\$2,695.00*
Quadro 7000	3505	354	NA	NA
Quadro M2000M	3511	353	16.48	\$213.16*
Tesla C2050	3515	352	13.02	\$269.99*
Quadro K2200	3542	351	13.20	\$268.30*
GeForce GTX 680M KY_Bullet Edition	3568	349	NA	NA
GRID M6-8Q	3568	350	NA	NA
Radeon RX Vega Ryzen 7 5700G	3583	348	NA	NA
Radeon RX 560	3604	347	16.38	\$219.99
T400 4GB	3617	346	NA	NA
Quadro P620	3623	345	6.25	\$579.85
T500	3626	344	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3643	343	NA	NA
T400	3651	342	23.26	\$156.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 PRO 6650H with Radeon Graphics	3720	-1	NA	NA
Radeon Pro WX 4100	3729	339	7.46	\$499.99*
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	338	NA	NA
Tesla K40c	3756	-1	NA	NA
Radeon HD 7970M	3774	337	NA	NA
GeForce GTX 965M	3781	336	NA	NA
GeForce GTX 880M	3797	335	NA	NA
GeForce GTX 780M	3800	334	7.62	\$499.00*
P106-100	3801	333	NA	NA
Radeon HD 7850	3827	332	22.52	\$169.99*
GRID P100-8Q	3841	331	NA	NA
Radeon RX 5300M	3854	330	NA	NA
GeForce GTX 1050 with Max-Q Design	3866	329	NA	NA
Radeon HD 8970M	3876	328	27.69	\$139.99*
GRID M60-8Q	3883	327	NA	NA
Tesla K20m	3895	326	NA	NA
GeForce GTX 570	3907	325	26.05	\$149.99*
GeForce GTX 750 Ti	3910	324	44.38	\$88.11*
Quadro M2000	3933	323	14.89	\$264.24*
Quadro K5000	3937	322	15.81	\$249.00*
GeForce GTX 660	3995	321	23.79	\$167.95*
GRID P6-2Q	4000	320	NA	NA
Radeon HD 7800-serie	4029	319	NA	NA
FirePro W8000	4095	318	7.15	\$573.00*
GeForce GTX 480	4111	317	24.19	\$169.99*
Radeon RX 460	4122	316	24.72	\$166.81*
GRID V100D-8Q	4155	315	NA	NA
FirePro S7000	4166	314	16.90	\$246.54*
Intel Arc A380	4177	313	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 6800H with Radeon Graphics	4197	312	NA	NA
FirePro W7000	4230	311	15.21	\$278.05*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P40-2Q	4267	307	NA	NA
Radeon R9 270	4306	306	NA	NA
Quadro K4200	4315	304	17.33	\$249.00*
Quadro M2200	4315	305	17.26	\$249.99*
Barco MXRT 7500	4319	303	14.45	\$299.00*
FirePro W7000 Adapter	4339	302	NA	NA
GeForce GTX 660 Ti	4373	301	30.37	\$144.00*
GRID P6-4Q	4429	300	NA	NA
Quadro P1000	4441	299	13.26	\$335.00*
Citrix Indirect Display Adapter	4446	298	NA	NA
GRID M60-1B	4456	297	NA	NA
GeForce GTX 1050 (Mobile)	4461	296	NA	NA
Radeon HD 7870 XT	4469	295	NA	NA
Radeon R7 370	4495	294	NA	NA
GeForce GTX 580	4525	293	32.34	\$139.92*
Radeon Pro 465	4537	292	NA	NA
GeForce MX550	4555	291	NA	NA
B8DKMDAP	4557	290	NA	NA
Radeon RX 5500M	4660	289	NA	NA
Radeon HD 7870	4668	288	26.53	\$176.00*
GRID M60-1Q	4680	287	NA	NA
Radeon Pro Vega 16	4682	286	NA	NA
Radeon R9 370	4722	285	29.51	\$159.99*
GRID P40-24Q	4727	284	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4728	283	NA	NA
Radeon Sky 500	4736	282	NA	NA
Ryzen 7 6800U with Radeon Graphics	4750	281	NA	NA
Radeon HD 7950 / R9 280	4764	280	36.04	\$132.20*
Radeon R9 M395X	4775	279	NA	NA
GeForce GTX 760	4777	278	32.06	\$149.00*
Radeon Ryzen 7 4800H	4821	277	NA	NA
Ryzen 9 5900HS with Radeon Graphics	4823	276	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro S9000	4901	213	NA	NA
GeForce GTX 1630	4927	272	30.80	\$159.99
Radeon R9 270X	4932	271	15.11	\$326.50*
Barco MXRT 7600	4943	270	8.20	\$602.59*
EIZO Quadro MED-XN51LP	4946	269	NA	NA
Ryzen 7 6800HS Creator Edition	4993	268	NA	NA
FirePro S9000	5059	267	NA	NA
GeForce GTX 1050	5063	266	29.59	\$171.13
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	265	NA	NA
Radeon Pro Vega 20	5116	264	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M395	5140	263	NA	NA
Radeon R9 M295X	5150	262	3.55	\$1,449.00*
Q12U-1	5164	261	NA	NA
GeForce GTX 760 Ti	5166	260	17.36	\$297.50*
FirePro W7100	5175	259	13.29	\$389.30*
GeForce GTX 1050 3GB	5201	258	NA	NA
Radeon HD 8990	5214	257	NA	NA
Radeon HD 7970 / R9 280X	5247	256	21.25	\$246.99*
GRID M60-2Q	5291	255	NA	NA
GeForce GTX 670	5293	254	27.29	\$193.98*
FirePro S10000	5315	253	NA	NA
GeForce GTX 950	5357	252	37.73	\$141.99*
Quadro P2000 with Max-Q Design	5392	251	NA	NA
GeForce GTX 760 Ti OEM	5427	250	NA	NA
Tesla K20Xm	5428	-1	NA	NA
Radeon Pro WX 5100	5475	249	9.94	\$550.95*
GRID M60-8A	5523	248	NA	NA
Radeon R9 285 / 380	5549	247	11.44	\$485.00*
GeForce GTX 680	5553	246	13.92	\$399.00*
GeForce GTX 690	5564	245	19.80	\$280.99*
Radeon HD 7990	5565	244	13.91	\$399.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div>  Video Card  </div>				
GeForce GTX 970M	5753	240	21.40	\$209.99*
GeForce GTX 1050 Ti with Max-Q Design	5781	239	NA	NA
A16	5797	-1	NA	NA
GeForce GTX 770	5872	238	23.59	\$249.00*
Radeon Pro 5300M	5896	237	NA	NA
GeForce GTX 1050 Ti (Mobile)	5918	236	NA	NA
GeForce GTX 1650 with Max-Q Design	5923	235	NA	NA
Quadro K5200	5940	234	14.31	\$415.00*
GRID P100-16Q	5944	233	NA	NA
Ryzen 9 6900HS with Radeon Graphics	6001	232	NA	NA
GeForce MX570	6002	231	NA	NA
GeForce GTX 960	6026	230	35.04	\$172.00*
Radeon Pro WX Vega M GL	6049	229	NA	NA
FirePro W9000	6138	228	7.26	\$845.00*
Radeon R9 380X	6192	227	17.69	\$349.99*
Radeon R9 380	6260	226	69.57	\$89.99*
Radeon R9 280X	6268	225	NA	NA
GeForce GTX 1050 Ti	6302	224	33.73	\$186.86
Radeon Pro 570	6336	223	NA	NA
GeForce RTX 2050	6344	222	NA	NA
GeForce MX570 A	6350	221	NA	NA
Quadro M4000M	6456	220	25.33	\$254.91*
T600	6509	219	26.04	\$249.99
Quadro T1000	6533	218	14.78	\$441.99*
Quadro P3000	6540	217	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO W6400	6551	216	NA	NA
Quadro M4000	6624	215	18.30	\$362.00*
Radeon R9 285	6680	-1	NA	NA
GeForce GTX 970XM FORCE	6706	214	NA	NA
Radeon RX Vega M GH	6755	213	NA	NA
Radeon Pro 5500M	6803	212	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6400	6911	208	43.01	\$159.99
Ryzen 7 4800HS with Radeon Graphics	6999	-1	NA	NA
Tesla K80	7024	-1	11.83	\$593.95*
Quadro P2000	7114	207	13.13	\$542.00*
Quadro T2000	7204	206	13.64	\$528.35*
Tesla P100-PCIe-16GB	7225	205	NA	NA
Radeon RX 5300	7266	204	NA	NA
FirePro W8100	7313	203	10.39	\$704.00*
RadeonT RX 5300	7321	202	NA	NA
A40	7330	201	NA	NA
GeForce GTX 980M	7334	200	25.29	\$289.99*
Ryzen 7 5800HS with Radeon Graphics	7391	-1	NA	NA
Quadro RTX 3000 with Max-Q Design	7428	199	NA	NA
Radeon Pro 5300	7491	198	NA	NA
GeForce GTX 1650 Ti	7508	197	NA	NA
Tesla M6	7509	196	37.73	\$199.00*
Radeon Pro 580X	7540	195	NA	NA
Radeon RX 5600M	7597	194	NA	NA
FirePro W9100	7719	193	4.46	\$1,729.99*
Radeon Pro 580	7753	192	NA	NA
Tesla M60	7770	191	9.86	\$787.90*
T1000	7792	190	22.33	\$348.99
Radeon RX 580X	7798	189	NA	NA
GeForce GTX 1650	7817	187	43.64	\$179.15
T1000 8GB	7817	188	NA	NA
GeForce GTX 1060 with Max-Q Design	7855	186	NA	NA
T1200 Laptop GPU	7884	185	NA	NA
Radeon RX 6500M	7889	184	NA	NA
Quadro M5500	7915	183	NA	NA
Radeon RX 580 2048SP	7919	182	NA	NA
Radeon Pro WX 7100	7920	181	7.56	\$1,047.99*
Radeon Ryzen 5 4600HS	7942	-1	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card ▼

Quadro K6000	8113	178	38.51	\$210.00
Radeon R9 290 / 390	8150	177	21.45	\$380.00*
GeForce GTX Titan	8157	176	10.95	\$745.00*
GeForce GTX 1060 (Mobile)	8160	175	NA	NA
15FF	8229	174	NA	NA
Radeon Pro 5500 XT	8298	173	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Duo	8323	172	6.94	\$1,199.06*
Radeon R9 290	8385	171	NA	NA
Radeon R9 290X / 390X	8389	170	26.22	\$319.99*
Ryzen 7 6800HS with Radeon Graphics	8472	169	NA	NA
Radeon Ryzen 9 4900HS	8572	168	NA	NA
Radeon RX590 GME	8596	167	NA	NA
Radeon R9 295X2	8598	166	17.23	\$499.10*
Radeon Ryzen 9 5900HS	8606	165	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8619	164	NA	NA
Quadro P3200	8635	163	22.18	\$389.30*
Quadro P3200 with Max-Q Design	8656	162	NA	NA
Radeon RX 480	8689	161	25.56	\$339.99*
Radeon R9 290X	8829	160	NA	NA
Radeon Ryzen 7 4800HS	8841	159	NA	NA
Radeon RX 5500	8876	158	NA	NA
Radeon RX 580	8923	157	24.52	\$364.01*
GeForce GTX TITAN Black	8964	156	17.08	\$524.99*
Radeon R9 390	9036	155	NA	NA
GeForce GTX 1060 5GB	9050	154	18.55	\$487.99*
Quadro P4000 with Max-Q Design	9082	153	NA	NA
GeForce RTX 3050 Laptop GPU	9132	152	30.44	\$299.99
Radeon Pro 5600M	9152	151	NA	NA
GeForce GTX TITAN Z	9188	149	6.07	\$1,515.00*
Radeon RX 5500 XT	9188	150	49.67	\$184.99*
Radeon Pro W5500	9263	148	19.26	\$480.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A1000 Laptop GPU	9429	144	NA	NA
GeForce GTX 1070 with Max-Q Design	9442	143	NA	NA
Quadro P2200	9458	142	20.57	\$459.80*
Radeon Ryzen 9 4900HSS	9460	-1	NA	NA
Radeon R9 390X	9462	141	NA	NA
Radeon R9 Fury	9533	140	21.51	\$443.10*
GeForce GTX 970	9650	139	40.55	\$237.99*
Radeon RX 590	9655	138	17.56	\$549.99*
GeForce GTX 1060 3GB	9722	137	36.01	\$269.99*
Radeon R9 Fury + Fury X	9741	136	21.65	\$449.99*
Quadro P5200 with Max-Q Design	9796	135	NA	NA
GeForce RTX 3050 Ti Laptop GPU	9810	134	NA	NA
Quadro P4200	9977	133	NA	NA
GeForce GTX 1060	10063	132	35.94	\$279.99*
GeForce GTX 1650 SUPER	10071	131	22.84	\$441.05*
Radeon R9 Fury X	10152	130	NA	NA
GeForce GTX 1080 with Max-Q Design	10174	129	NA	NA
GeForce GTX 1660 Ti (Mobile)	10176	128	NA	NA
RTX A2000 Laptop GPU	10186	127	NA	NA
Tesla M40	10193	126	16.99	\$600.00*
Quadro P4200 with Max-Q Design	10323	125	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1070 (Mobile)	10465	124	NA	NA
Radeon Instinct MI25 MxGPU	10466	123	NA	NA
Radeon Pro SSG	10497	122	4.36	\$2,410.15*
Radeon RX 6800M	10622	121	NA	NA
Tesla T4	10730	120	2.41	\$4,458.94
GeForce RTX 3050 OEM	10765	-1	NA	NA
RTX A2000 8GB Laptop GPU	10975	119	NA	NA
Quadro RTX 3000	11123	118	NA	NA
Radeon RX 5600	11177	117	NA	NA
GeForce RTX 2070 with Max-Q Design	11178	116	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>GeForce RTX 2060 (Mobile)</u>	11354	112	NA	NA
<u>Quadro P4000</u>	11425	111	20.54	\$556.19*
<u>Radeon RX 6600M</u>	11574	110	50.33	\$229.99
<u>Tesla M40 24GB</u>	11658	109	NA	NA
<u>GeForce GTX 1660</u>	11731	108	61.75	\$189.99
<u>Quadro M6000</u>	11749	107	2.43	\$4,827.53*
<u>Radeon Pro 5700</u>	11844	106	NA	NA
<u>GeForce GTX 1660 Ti</u>	11854	105	54.13	\$218.99
<u>Quadro M6000 24GB</u>	11877	104	NA	NA
<u>Intel Arc A770</u>	11906	103	NA	NA
<u>Quadro P5000</u>	12007	102	6.42	\$1,868.99*
<u>Radeon Pro V520 MxGPU</u>	12257	101	NA	NA
<u>RadeonT RX 6850M</u>	12274	100	NA	NA
<u>Radeon Pro Vega 64</u>	12293	99	NA	NA
<u>GeForce RTX 2080 with Max-Q Design</u>	12321	98	5.87	\$2,099.99*
<u>GeForce RTX 2070 (Mobile)</u>	12354	97	NA	NA
<u>Radeon Pro Vega 56</u>	12516	96	NA	NA
<u>Radeon Pro 5700 XT</u>	12621	95	NA	NA
<u>Tesla T10</u>	12650	94	NA	NA
<u>RTX A3000 Laptop GPU</u>	12699	93	NA	NA
<u>GeForce RTX 3050</u>	12722	92	NA	NA
<u>GeForce GTX 1660 SUPER</u>	12764	91	53.19	\$239.99
<u>Quadro RTX 4000 (Mobile)</u>	12806	90	NA	NA
<u>Quadro P5200</u>	12830	89	NA	NA
<u>Radeon RX 6700M</u>	12910	88	35.77	\$360.97
<u>Radeon RX 6700S</u>	12961	87	NA	NA
<u>GeForce RTX 3060 Laptop GPU</u>	12995	86	35.12	\$369.99
<u>GeForce GTX TITAN X</u>	13236	85	12.07	\$1,096.99*
<u>RTX A2000</u>	13267	84	27.36	\$485.00
<u>Radeon Pro WX 9100</u>	13324	83	NA	NA
<u>Radeon RX 6800S</u>	13401	82	NA	NA
<u>Radeon Vega Frontier Edition</u>	13464	81	8.01	\$1,679.99*

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