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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.

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Single Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
256MB DDR Radeon 9800 XT	37	2326	NA	NA
7900 MOD - Radeon HD 6520G	610	1486	NA	NA
7900 MOD - Radeon HD 6550D	892	1216	NA	NA
A10-8Q	7041	298	NA	NA
A16	5235	387	NA	NA
A16-16A	1068	1107	NA	NA
A16-4Q	4165	462	NA	NA
A40-24Q	2616	634	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1897	NA	NA
ABIT Siluro T400	3	2522	NA	NA
ALL-IN-WONDER 9000	4	2489	NA	NA
ALL-IN-WONDER 9800	23	2395	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2475	NA	NA
All-in-Wonder X1800XL	30	2366	NA	NA
All-in-Wonder X1900	127	2037	NA	NA
ALL-IN-WONDER X800 GT	84	2167	NA	NA
AMD Ryzen Z1 Extreme	6977	300	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2547	NA	NA
ASUS A7000	9	2435	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2508	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ASUS EAH4870x2	496	1632	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1364	NA	NA
ASUS V9520-X V62.11	7	2447	NA	NA
B8DKMDAP	4557	437	NA	NA
Barco MXRT 1450	205	1917	NA	NA
Barco MXRT 2600	900	1208	4.52	\$199.00*
Barco MXRT 5400	1161	1066	5.72	\$203.00*
Barco MXRT 5450	1079	1101	5.40	\$199.99*
Barco MXRT 5500	2701	621	9.04	\$299.00*
Barco MXRT 5600	2465	665	3.50	\$704.00*
Barco MXRT 7100	180	1942	NA	NA
Barco MXRT 7400	900	1207	9.10	\$99.00*
Barco MXRT 7500	3753	492	12.55	\$299.00*
Barco MXRT 7600	4943	413	8.20	\$602.59*
BASICDISPLAY	69	2215	NA	NA
Citrix Indirect Display Adapter	2365	685	NA	NA
CMP 30HX	8135	260	NA	NA
CMP 40HX	6778	305	NA	NA
CONNECT 3D RADEON X300	36	2332	NA	NA
Custom GPU 0405	2852	596	NA	NA
Custom GPU 0932	3395	534	NA	NA
Dell 8100	2	2573	0.00	\$999.11*
Dell 8200	4	2510	NA	NA
Diamond X1300-PCIE 256MB	70	2214	NA	NA
EAH5450	134	2025	1.22	\$109.99*
EIZO Quadro MED-XN51LP	5048	406	NA	NA
Embedded Radeon E9173	1787	852	NA	NA
Eng Sample: 100-000000261-50_Y	2859	594	NA	NA
Extreme AX850 PRO	120	2061	NA	NA
FireGL T2-128	30	2364	NA	NA
FireGL V3100	52	2261	NA	NA
FireGL V3200	84	2164	NA	NA
FireGL V3300	70	2211	NA	NA
FireGL V3350	68	2220	NA	NA
FireGL V3400	103	2116	NA	NA
FireGL V3600	179	1943	1.12	\$160.99*
FireGL V5100	92	2148	0.81	\$114.96*
FireGL V5200	114	2083	0.86	\$133.40*
FireGL V5600	341	1779	1.52	\$225.00*
FireGL V7100	71	2205	0.22	\$328.67*
FireGL V7200	116	2074	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V7300	128	2034	0.11	\$1,189.99*
FireGL V7350	110	2096	0.93	\$119.42*
FireGL V7600	615	1478	NA	NA
FireGL V7700	660	1417	9.43	\$69.99*
FireGL V8600	838	1245	NA	NA
FireGL V8650	550	1565	1.84	\$298.99*
FireGL X1	59	2246	NA	NA
FireMV 2200 PCI	1	2589	NA	NA
FireMV 2200 PCIe	36	2334	0.40	\$89.99*
FireMV 2250	45	2290	0.44	\$104.00*
FireMV 2260	117	2068	1.33	\$88.08*
FireMV 2400 PCIe	11	2427	NA	NA
FireMV 2450	73	2199	NA	NA
FirePro 2260	112	2089	NA	NA
FirePro 2270	142	1997	1.06	\$134.00*
FirePro 2450	51	2269	0.57	\$89.99*
FirePro 2460	170	1954	2.03	\$83.99*
FirePro 3D V3700	178	1946	2.10	\$84.99*
FirePro 3D V3750	341	1777	6.71	\$50.88*
FirePro 3D V3800	472	1661	3.15	\$149.99*
FirePro 3D V4800	853	1237	5.33	\$159.99*
FirePro 3D V5700	546	1570	1.71	\$319.99*
FirePro 3D V5800	1231	1037	6.04	\$204.00*
FirePro 3D V7750	545	1574	1.56	\$350.00*
FirePro 3D V7800	1867	824	3.11	\$599.99*
FirePro 3D V8700	1206	1045	7.09	\$170.07*
FirePro 3D V8750	1271	1020	1.03	\$1,230.99*
FirePro 3D V8800	2437	669	5.74	\$424.99*
FirePro 3D V9800	2811	602	1.13	\$2,499.00*
FirePro M2000	425	1707	NA	NA
FirePro M4000	1593	915	21.88	\$72.83*
FirePro M4000 Mobility Pro	1628	900	NA	NA
FirePro M40003	1364	995	NA	NA
Firepro M4100	1059	1110	NA	NA
FirePro M4150	948	1170	NA	NA
FirePro M4170	1181	1056	NA	NA
FirePro M5100	2102	751	NA	NA
FirePro M5100 FireGL V	1839	835	NA	NA
FirePro M5950	1314	1007	NA	NA
FirePro M6000	1820	843	5.58	\$325.99*
FirePro M6000 Mobility Pro	1712	872	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M6100	2194	730	NA	NA
FirePro M6100 FireGL V	2875	593	NA	NA
FirePro M7740	665	1415	NA	NA
FirePro R5000	2646	631	24.06	\$109.99*
FirePro RG220	335	1787	0.52	\$650.18*
FirePro S10000	4768	426	NA	NA
FirePro S7000	4523	440	18.35	\$246.54*
FirePro S7150	3207	559	1.89	\$1,697.99*
FirePro S9000	5059	405	NA	NA
FirePro S9050	4901	415	NA	NA
FirePro V3800	320	1800	2.57	\$124.99*
FirePro V3900	640	1442	2.69	\$238.44*
FirePro V4900	990	1145	6.60	\$149.99*
FirePro V5700	464	1669	2.47	\$188.06*
FirePro V5800	1175	1059	22.18	\$53.00*
FirePro V5900	1264	1022	14.71	\$86.00*
FirePro V7000	3161	568	NA	NA
FirePro V7800	2028	772	10.68	\$190.00*
FirePro V7900	2304	705	12.13	\$190.00*
FirePro V8700	1538	939	9.75	\$157.88*
FirePro V8800	2280	710	11.52	\$198.00*
FirePro V9800	2726	616	5.75	\$474.00*
FirePro W2100	869	1228	14.73	\$59.00*
FirePro W4100	1514	948	8.23	\$184.00*
FirePro W4170M	1033	1121	NA	NA
Firepro W4190M	1150	1069	NA	NA
FirePro W4300	2820	601	11.75	\$239.99*
FirePro W5000	2975	585	16.17	\$184.00*
FirePro W5100	2988	582	23.72	\$125.99*
FirePro W5130M	1409	985	NA	NA
Firepro W5170M	1777	855	NA	NA
FirePro W600	1671	881	4.03	\$414.99*
FirePro W6150M	2358	690	NA	NA
FirePro W7000	4288	456	15.42	\$278.05*
FirePro W7000 Adapter	4359	451	NA	NA
FirePro W7100	5264	381	13.52	\$389.30*
FirePro W7170M	3161	569	NA	NA
FirePro W8000	4148	465	7.24	\$573.00*
FirePro W8100	7332	290	10.42	\$704.00*
FirePro W9000	6138	331	7.26	\$845.00*
FirePro W9100	7580	280	4.38	\$1,729.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireStream 9170	647	1435	NA	NA
FireStream 9250	1164	1063	NA	NA
FireStream 9270	1341	1002	NA	NA
FireStream 9370	2528	656	NA	NA
GeCube RADEON 7000	8	2437	NA	NA
GeForce 205	126	2041	NA	NA
GeForce 210	115	2076	2.14	\$54.15*
GeForce 240M GT	319	1803	NA	NA
GeForce 256	5	2485	0.12	\$42.04*
GeForce 305M	150	1982	NA	NA
GeForce 310	134	2023	1.24	\$108.35*
GeForce 310M	115	2077	NA	NA
GeForce 315	156	1974	4.74	\$32.99*
GeForce 315M	115	2080	NA	NA
GeForce 320M	209	1912	NA	NA
GeForce 405	119	2062	4.85	\$24.64*
GeForce 410M	255	1861	NA	NA
GeForce 505	118	2067	1.03	\$115.06*
GeForce 510	254	1863	3.64	\$69.99*
GeForce 605	319	1804	2.34	\$136.83*
GeForce 6100	27	2374	NA	NA
GeForce 6100 nForce 400	25	2385	NA	NA
GeForce 6100 nForce 405	26	2376	NA	NA
GeForce 6100 nForce 420	25	2384	NA	NA
GeForce 6100 nForce 430	23	2397	NA	NA
GeForce 610M	290	1825	NA	NA
GeForce 615	514	1611	NA	NA
GeForce 6150	21	2400	0.07	\$329.00*
GeForce 6150 LE	33	2350	NA	NA
GeForce 6150SE	24	2388	NA	NA
GeForce 6150SE nForce 430	30	2363	NA	NA
GeForce 6200	37	2328	0.71	\$53.17*
GeForce 6200 A-LE	32	2358	NA	NA
GeForce 6200 LE	27	2370	0.68	\$41.24*
GeForce 6200 TurboCache	53	2260	NA	NA
GeForce 6200A	3	2530	0.07	\$54.99*
GeForce 6200SE TurboCache	37	2330	NA	NA
GeForce 6500	38	2322	NA	NA
GeForce 6600	86	2162	0.33	\$264.00*
GeForce 6600 GT	142	1996	2.20	\$64.95*
GeForce 6600 LE	51	2267	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6610 XL	88	2160	NA	NA
GeForce 6700 XL	95	2139	NA	NA
GeForce 6800	112	2090	0.20	\$559.29*
GeForce 6800 GS	191	1932	NA	NA
GeForce 6800 GS/XT	102	2119	NA	NA
GeForce 6800 GT	142	1999	NA	NA
GeForce 6800 LE	109	2099	NA	NA
GeForce 6800 Ultra	138	2010	NA	NA
GeForce 6800 XE	58	2247	NA	NA
GeForce 6800 XT	123	2048	NA	NA
GeForce 7000M	13	2421	NA	NA
GeForce 7000M / nForce 610M	12	2422	NA	NA
GeForce 7025 / nForce 630a	32	2355	NA	NA
GeForce 7050 / nForce 610i	25	2382	NA	NA
GeForce 7050 / nForce 620i	41	2307	NA	NA
GeForce 7050 / nForce 630i	37	2325	NA	NA
GeForce 7050 PV / nForce 630a	31	2361	NA	NA
GeForce 705M	455	1684	NA	NA
GeForce 7100 / nForce 620i	26	2379	NA	NA
GeForce 7100 / nForce 630i	41	2304	NA	NA
GeForce 7100 GS	51	2268	NA	NA
GeForce 710A	473	1659	NA	NA
GeForce 710M	459	1679	NA	NA
GeForce 7150 / nForce 630i	33	2353	NA	NA
GeForce 7150M / nForce 630M	18	2408	NA	NA
GeForce 7200 GS	23	2396	NA	NA
GeForce 720A	614	1480	NA	NA
GeForce 7300 GS	78	2191	NA	NA
GeForce 7300 GT	136	2016	0.91	\$149.99*
GeForce 7300 LE	80	2188	2.50	\$32.00*
GeForce 7300 SE	39	2320	NA	NA
GeForce 7300 SE/7200 GS	47	2281	NA	NA
GeForce 730A	770	1314	NA	NA
GeForce 7350 LE	74	2198	NA	NA
GeForce 7500 LE	89	2159	NA	NA
GeForce 7600 GS	157	1973	1.29	\$121.66
GeForce 7600 GT	224	1888	1.13	\$199.00*
GeForce 7650 GS	134	2027	NA	NA
GeForce 770M	3245	553	18.34	\$176.99*
GeForce 7800 GS	177	1947	NA	NA
GeForce 7800 GT	244	1872	3.05	\$80.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7800 GTX	290	1824	4.06	\$71.60*
GeForce 7900 GS	253	1864	NA	NA
GeForce 7900 GT	258	1857	1.30	\$199.00*
GeForce 7900 GT/GTO	247	1870	NA	NA
GeForce 7900 GTX	387	1738	NA	NA
GeForce 7950 GT	347	1774	1.36	\$254.80*
GeForce 7950 GX2	201	1919	3.67	\$54.99*
GeForce 7950 Xtreme	287	1828	NA	NA
GeForce 800A	476	1652	NA	NA
GeForce 800M	457	1681	NA	NA
GeForce 8100 / nForce 720a	79	2190	NA	NA
GeForce 810A	655	1421	NA	NA
GeForce 810M	411	1720	NA	NA
GeForce 8200	155	1975	NA	NA
GeForce 8200M G	58	2250	NA	NA
GeForce 820A	555	1557	NA	NA
GeForce 820M	494	1634	NA	NA
GeForce 825M	782	1294	NA	NA
GeForce 8300	101	2123	4.48	\$22.68*
GeForce 8300 GS	115	2079	NA	NA
GeForce 830A	1138	1074	NA	NA
GeForce 830M	1008	1134	NA	NA
GeForce 8400	81	2182	0.14	\$589.99*
GeForce 8400 GS	155	1977	1.81	\$85.97*
GeForce 8400 SE	68	2221	NA	NA
GeForce 8400M G	58	2248	NA	NA
GeForce 8400M GS	109	2101	1.40	\$78.20*
GeForce 8400M GT	66	2229	NA	NA
GeForce 840A	1145	1070	NA	NA
GeForce 840M	1091	1094	NA	NA
GeForce 845M	1524	944	NA	NA
GeForce 8500 GT	139	2009	NA	NA
GeForce 8600 GS	91	2151	NA	NA
GeForce 8600 GT	123	2046	0.63	\$196.00*
GeForce 8600 GTS	158	1971	0.66	\$241.99*
GeForce 8600M GS	70	2212	NA	NA
GeForce 8600M GT	89	2156	0.83	\$108.10*
GeForce 8700M GT	124	2044	NA	NA
GeForce 8800 GS	330	1791	NA	NA
GeForce 8800 GT	478	1646	2.24	\$213.54
GeForce 8800 GTS	412	1718	5.16	\$79.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8800 GTS 512	568	1544	NA	NA
GeForce 8800 GTX	590	1511	4.92	\$119.99*
GeForce 8800 Ultra	642	1440	1.04	\$619.99
GeForce 8800M GTS	382	1740	NA	NA
GeForce 8800M GTX	462	1671	NA	NA
GeForce 9100	81	2176	NA	NA
GeForce 9100M G	68	2222	NA	NA
GeForce 910M	601	1496	NA	NA
GeForce 9200	169	1957	NA	NA
GeForce 9200M GE	143	1995	NA	NA
GeForce 9200M GS	121	2056	NA	NA
GeForce 920A	836	1248	NA	NA
GeForce 920M	720	1363	NA	NA
GeForce 920MX	1081	1099	NA	NA
GeForce 9300	126	2038	2.15	\$59.00*
GeForce 9300 / nForce 730i	128	2033	NA	NA
GeForce 9300 GE	80	2187	3.50	\$22.99*
GeForce 9300 GS	102	2120	1.71	\$59.95*
GeForce 9300 SE	81	2180	NA	NA
GeForce 9300GE	97	2134	1.01	\$97.20*
GeForce 9300M G	84	2166	NA	NA
GeForce 9300M GS	100	2127	2.30	\$43.42*
GeForce 930A	1267	1021	NA	NA
GeForce 930M	1011	1132	NA	NA
GeForce 930MX	1288	1017	NA	NA
GeForce 9400	98	2129	NA	NA
GeForce 9400 GT	163	1965	2.41	\$67.76
GeForce 9400M	101	2124	NA	NA
GeForce 9400M G	67	2225	NA	NA
GeForce 940A	1106	1084	NA	NA
GeForce 940M	1125	1078	NA	NA
GeForce 940MX	1518	945	NA	NA
GeForce 9450	104	2109	NA	NA
GeForce 945A	1852	831	NA	NA
GeForce 945M	2108	750	NA	NA
GeForce 9500 GS	185	1937	NA	NA
GeForce 9500 GT	163	1964	1.90	\$85.99*
GeForce 9500M	103	2115	1.02	\$101.20*
GeForce 9500M G	121	2057	NA	NA
GeForce 9500M GS	134	2026	NA	NA
GeForce 9600 GS	281	1836	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600 GSO	327	1795	3.05	\$107.39*
GeForce 9600 GSO 512	329	1792	NA	NA
GeForce 9600 GT	487	1639	7.50	\$64.99*
GeForce 9600M GS	130	2030	NA	NA
GeForce 9600M GT	139	2007	1.79	\$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1822	NA	NA
GeForce 9650M GS	270	1844	NA	NA
GeForce 9650M GT	137	2014	1.17	\$117.30*
GeForce 9700M GT	208	1914	NA	NA
GeForce 9700M GTS	278	1839	NA	NA
GeForce 9800 GT	460	1674	3.13	\$147.12
GeForce 9800 GT 1024MB	134	2024	NA	NA
GeForce 9800 GTX	769	1316	10.26	\$74.99*
GeForce 9800 GTX+	494	1635	NA	NA
GeForce 9800 GTX/9800 GTX+	605	1493	6.72	\$89.99*
GeForce 9800 GX2	797	1284	4.09	\$195.00*
GeForce 9800 S	635	1448	NA	NA
GeForce 9800M GS	554	1560	NA	NA
GeForce 9800M GT	381	1742	NA	NA
GeForce 9800M GTS	376	1752	NA	NA
GeForce 9800M GTX	454	1686	1.38	\$328.50*
GeForce 999 GTX	83	2171	NA	NA
GeForce FX 5100	7	2445	NA	NA
GeForce FX 5200	7	2449	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2425	NA	NA
GeForce FX 5200LE	7	2452	0.16	\$42.99*
GeForce FX 5200SE	11	2426	NA	NA
GeForce FX 5500	8	2440	0.05	\$153.97*
GeForce FX 5600	12	2423	NA	NA
GeForce FX 5600 Ultra	17	2414	NA	NA
GeForce FX 5600XT	9	2436	NA	NA
GeForce FX 5700	40	2309	NA	NA
GeForce FX 5700 Ultra	34	2344	NA	NA
GeForce FX 5700LE	24	2389	NA	NA
GeForce FX 5700VE	33	2352	NA	NA
GeForce FX 5900	34	2341	NA	NA
GeForce FX 5900 Ultra	41	2308	NA	NA
GeForce FX 5900XT	40	2314	NA	NA
GeForce FX 5900ZT	32	2356	NA	NA
GeForce FX 5950 Ultra	59	2245	NA	NA
GeForce FX Go 5200	8	2438	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX Go 5600	17	2412	NA	NA
GeForce FX Go5300	12	2424	NA	NA
GeForce FX Go5650	16	2415	NA	NA
GeForce FX Go5700	51	2266	NA	NA
GeForce G 103M	62	2238	NA	NA
GeForce G 105M	62	2235	NA	NA
GeForce G100	184	1938	9.24	\$19.99*
GeForce G102M	167	1960	NA	NA
GeForce G105M	121	2058	NA	NA
GeForce G200	136	2018	NA	NA
GeForce G205M	91	2153	NA	NA
GeForce G210	112	2088	0.92	\$122.12*
GeForce G210M	116	2072	NA	NA
GeForce Go 6100	17	2411	NA	NA
GeForce Go 6150	19	2404	NA	NA
GeForce Go 6200	15	2418	NA	NA
GeForce Go 6400	24	2390	NA	NA
GeForce Go 6600	69	2216	NA	NA
GeForce Go 6600 TE/6200 TE	44	2294	NA	NA
GeForce Go 6800	106	2106	NA	NA
GeForce Go 6800 Ultra	137	2013	NA	NA
GeForce Go 7200	45	2292	NA	NA
GeForce Go 7300	52	2263	NA	NA
GeForce Go 7400	65	2232	NA	NA
GeForce Go 7600	127	2036	NA	NA
GeForce Go 7600 GT	210	1911	NA	NA
GeForce Go 7700	147	1988	NA	NA
GeForce Go 7800	114	2082	NA	NA
GeForce Go 7800 GTX	209	1913	NA	NA
GeForce Go 7900 GS	176	1948	NA	NA
GeForce Go 7900 GTX	270	1843	NA	NA
GeForce Go 7950 GTX	263	1851	NA	NA
GeForce GPU	1185	1055	NA	NA
GeForce GT 1030	2458	667	22.36	\$109.98
GeForce GT 120	160	1970	5.34	\$29.99*
GeForce GT 120 / 9500 GT	324	1797	NA	NA
GeForce GT 120M	150	1981	NA	NA
GeForce GT 130	381	1743	2.52	\$151.34*
GeForce GT 130M	146	1992	NA	NA
GeForce GT 140	657	1420	NA	NA
GeForce GT 220	219	1898	5.48	\$39.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 220M	121	2055	NA	NA
GeForce GT 230	323	1799	7.35	\$43.99*
GeForce GT 230M	212	1907	NA	NA
GeForce GT 240	506	1620	3.15	\$160.97*
GeForce GT 240M	213	1905	NA	NA
GeForce GT 320	461	1673	14.10	\$32.69*
GeForce GT 320M	105	2108	NA	NA
GeForce GT 325M	169	1955	NA	NA
GeForce GT 330	394	1733	9.87	\$39.99*
GeForce GT 330M	216	1902	NA	NA
GeForce GT 335M	382	1739	NA	NA
GeForce GT 340	738	1346	13.93	\$52.99*
GeForce GT 415	251	1865	NA	NA
GeForce GT 415M	286	1829	NA	NA
GeForce GT 420	424	1708	2.74	\$155.00*
GeForce GT 420M	397	1731	NA	NA
GeForce GT 425M	522	1604	NA	NA
GeForce GT 430	599	1498	4.28	\$139.99*
GeForce GT 435M	535	1587	NA	NA
GeForce GT 440	771	1312	3.43	\$225.00*
GeForce GT 445M	811	1275	NA	NA
GeForce GT 520	311	1808	1.03	\$304.00*
GeForce GT 520M	284	1831	9.50	\$29.95*
GeForce GT 520MX	283	1833	NA	NA
GeForce GT 525M	459	1677	NA	NA
GeForce GT 530	666	1412	13.60	\$49.00*
GeForce GT 540M	478	1647	5.44	\$87.95*
GeForce GT 545	1104	1085	19.87	\$55.59*
GeForce GT 550M	573	1536	NA	NA
GeForce GT 555M	654	1426	3.69	\$177.20*
GeForce GT 610	312	1807	2.23	\$139.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1757	NA	NA
GeForce GT 620	376	1751	2.45	\$154.00*
GeForce GT 620M	434	1702	NA	NA
GeForce GT 625	353	1769	NA	NA
GeForce GT 625M	478	1645	NA	NA
GeForce GT 630	676	1406	4.60	\$147.01*
GeForce GT 630M	538	1584	NA	NA
GeForce GT 635	831	1255	12.43	\$66.94*
GeForce GT 635M	559	1551	NA	NA
GeForce GT 640	1176	1058	10.69	\$109.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 640M	925	1192	NA	NA
GeForce GT 640M LE	706	1379	0.83	\$849.99*
GeForce GT 645	2005	776	NA	NA
GeForce GT 645M	934	1183	NA	NA
GeForce GT 650M	1203	1051	NA	NA
GeForce GT 705	335	1786	1.13	\$296.76*
GeForce GT 710	628	1463	2.51	\$249.99*
GeForce GT 710M	443	1695	NA	NA
GeForce GT 720	613	1481	6.14	\$99.99*
GeForce GT 720A	573	1535	NA	NA
GeForce GT 720M	460	1676	NA	NA
GeForce GT 730	835	1251	7.59	\$109.99*
GeForce GT 730A	742	1343	NA	NA
GeForce GT 730M	814	1272	NA	NA
GeForce GT 735M	650	1431	NA	NA
GeForce GT 740	1482	962	6.26	\$236.99*
GeForce GT 740A	667	1410	NA	NA
GeForce GT 740M	796	1285	NA	NA
GeForce GT 745A	1240	1030	NA	NA
GeForce GT 745M	1090	1095	NA	NA
GeForce GT 750M	1329	1004	NA	NA
GeForce GT 755M	1688	876	NA	NA
GeForce GT 820M	560	1550	NA	NA
GeForce GT625M	457	1682	NA	NA
GeForce GTS 150M	504	1622	NA	NA
GeForce GTS 160M	678	1403	NA	NA
GeForce GTS 240	556	1556	8.56	\$64.99*
GeForce GTS 250	596	1502	6.93	\$86.06*
GeForce GTS 250M	553	1562	NA	NA
GeForce GTS 350M	407	1722	NA	NA
GeForce GTS 360M	653	1427	NA	NA
GeForce GTS 450	1323	1005	9.86	\$134.23
GeForce GTX 1050	5035	408	21.07	\$239.00*
GeForce GTX 1050 (Mobile)	4461	444	NA	NA
GeForce GTX 1050 3GB	5105	402	NA	NA
GeForce GTX 1050 Ti	6313	323	14.43	\$437.54
GeForce GTX 1050 Ti (Mobile)	5918	341	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5356	374	NA	NA
GeForce GTX 1050 with Max-Q Design	4073	469	NA	NA
GeForce GTX 1060	10074	208	29.63	\$339.99
GeForce GTX 1060 (Mobile)	8160	258	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1060 3GB	9761	213	41.46	\$235.47*
GeForce GTX 1060 5GB	9094	233	18.64	\$487.99*
GeForce GTX 1060 with Max-Q Design	7919	266	NA	NA
GeForce GTX 1070	13497	140	25.47	\$529.99*
GeForce GTX 1070 (Mobile)	10465	198	NA	NA
GeForce GTX 1070 Ti	14690	114	25.77	\$569.99*
GeForce GTX 1070 with Max-Q Design	9935	209	NA	NA
GeForce GTX 1080	15535	99	35.09	\$442.79*
GeForce GTX 1080 Ti	18566	71	38.37	\$483.82*
GeForce GTX 1080 with Max-Q Design	11472	183	NA	NA
GeForce GTX 1630	4984	411	26.24	\$189.99*
GeForce GTX 1650	7873	268	52.49	\$149.99
GeForce GTX 1650 (Mobile)	6968	301	NA	NA
GeForce GTX 1650 SUPER	10162	205	45.76	\$222.06*
GeForce GTX 1650 Ti	7539	285	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6405	321	NA	NA
GeForce GTX 1650 with Max-Q Design	6168	329	NA	NA
GeForce GTX 1660	11677	177	44.70	\$261.27
GeForce GTX 1660 SUPER	12751	155	55.93	\$227.99
GeForce GTX 1660 Ti	12915	152	44.54	\$289.99
GeForce GTX 1660 Ti (Mobile)	10186	204	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8602	247	NA	NA
GeForce GTX 260	1218	1041	4.26	\$285.78*
GeForce GTX 260M	379	1745	NA	NA
GeForce GTX 275	1384	989	3.21	\$431.72*
GeForce GTX 280	1299	1015	2.49	\$522.78*
GeForce GTX 280M	575	1531	NA	NA
GeForce GTX 285	1513	949	12.61	\$119.99*
GeForce GTX 285M	636	1447	NA	NA
GeForce GTX 295	1206	1046	7.54	\$159.99*
GeForce GTX 460	2264	719	25.16	\$89.99*
GeForce GTX 460 SE	1984	785	12.40	\$159.99*
GeForce GTX 460 v2	1871	823	9.36	\$199.99*
GeForce GTX 460M	1207	1044	NA	NA
GeForce GTX 465	2650	629	13.59	\$195.00*
GeForce GTX 470	3106	574	51.79	\$59.99*
GeForce GTX 470M	1953	796	NA	NA
GeForce GTX 480	4106	467	24.16	\$169.99*
GeForce GTX 480M	1617	907	NA	NA
GeForce GTX 485M	2359	689	NA	NA
GeForce GTX 550 Ti	1553	934	15.54	\$99.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 555	1571	927	NA	NA
GeForce GTX 560	2754	612	13.44	\$205.00*
GeForce GTX 560 SE	1914	810	21.27	\$89.99*
GeForce GTX 560 Ti	3050	577	23.47	\$129.99*
GeForce GTX 560M	1260	1024	NA	NA
GeForce GTX 570	3924	479	26.16	\$149.99*
GeForce GTX 570M	1863	826	NA	NA
GeForce GTX 580	4604	434	9.97	\$461.99
GeForce GTX 580M	2074	756	8.34	\$248.68*
GeForce GTX 590	3341	543	7.68	\$435.00*
GeForce GTX 645	1882	821	NA	NA
GeForce GTX 650	1750	859	12.17	\$143.80*
GeForce GTX 650 Ti	2524	659	27.14	\$93.05*
GeForce GTX 650 Ti BOOST	3337	544	NA	NA
GeForce GTX 660	3999	475	23.81	\$167.95*
GeForce GTX 660 Ti	4425	449	30.73	\$144.00*
GeForce GTX 660M	1444	968	18.29	\$78.99*
GeForce GTX 670	5330	377	27.48	\$193.98*
GeForce GTX 670M	1745	862	NA	NA
GeForce GTX 670MX	1951	797	NA	NA
GeForce GTX 675M	1927	804	NA	NA
GeForce GTX 675MX	2716	620	NA	NA
GeForce GTX 680	5565	359	13.95	\$399.00*
GeForce GTX 680M	3239	556	23.82	\$135.99*
GeForce GTX 680M KY Bullet Edition	3568	512	NA	NA
GeForce GTX 680MX	4138	466	NA	NA
GeForce GTX 690	5513	366	19.62	\$280.99*
GeForce GTX 745	2138	741	7.50	\$284.95*
GeForce GTX 750	3348	542	24.18	\$138.47*
GeForce GTX 750 Ti	3901	480	44.28	\$88.11*
GeForce GTX 760	4791	424	32.16	\$149.00*
GeForce GTX 760 Ti	5240	385	17.62	\$297.50*
GeForce GTX 760 Ti OEM	5427	370	NA	NA
GeForce GTX 760A	1226	1038	NA	NA
GeForce GTX 760M	1720	869	NA	NA
GeForce GTX 765M	1997	779	10.72	\$186.30*
GeForce GTX 770	5917	342	23.76	\$249.00*
GeForce GTX 770M	2797	604	20.27	\$138.00*
GeForce GTX 775M	3634	508	NA	NA
GeForce GTX 780	8006	263	28.60	\$279.99*
GeForce GTX 780 Ti	9527	221	28.02	\$339.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 780M	3835	485	7.69	\$499.00*
GeForce GTX 850A	1049	1114	NA	NA
GeForce GTX 850M	2516	660	NA	NA
GeForce GTX 850M - MODDED	1091	1093	NA	NA
GeForce GTX 860M	3046	578	26.73	\$114.00*
GeForce GTX 870M	3449	531	NA	NA
GeForce GTX 880M	3817	487	NA	NA
GeForce GTX 950	5335	376	37.58	\$141.99*
GeForce GTX 950A	2554	649	NA	NA
GeForce GTX 950M	2585	643	4.56	\$567.00*
GeForce GTX 960	6078	336	35.34	\$172.00*
GeForce GTX 960A	3355	540	NA	NA
GeForce GTX 960M	3377	536	2.89	\$1,169.00*
GeForce GTX 965M	3796	488	NA	NA
GeForce GTX 970	9636	215	40.49	\$237.99*
GeForce GTX 970M	5724	349	27.26	\$209.99*
GeForce GTX 970XM FORCE	6706	312	NA	NA
GeForce GTX 980	11100	190	44.88	\$247.35*
GeForce GTX 980 Ti	13808	129	21.42	\$644.61*
GeForce GTX 980M	7357	288	25.37	\$289.99*
GeForce GTX Titan	8189	256	10.99	\$745.00*
GeForce GTX TITAN Black	8971	235	6.70	\$1,339.48
GeForce GTX TITAN X	12929	150	11.79	\$1,096.99*
GeForce GTX TITAN Z	8941	236	5.90	\$1,515.00*
GeForce MX110	1435	973	NA	NA
GeForce MX130	1835	839	NA	NA
GeForce MX150	2270	713	38.30	\$59.29*
GeForce MX230	1834	841	NA	NA
GeForce MX250	2411	674	NA	NA
GeForce MX330	2434	671	NA	NA
GeForce MX350	2805	603	NA	NA
GeForce MX450	3735	494	NA	NA
GeForce MX550	4541	438	NA	NA
GeForce MX570	5728	348	NA	NA
GeForce MX570 A	6006	337	NA	NA
GeForce PCX 5300	6	2462	NA	NA
GeForce PCX 5750	34	2339	NA	NA
GeForce PCX 5900	34	2345	NA	NA
GeForce RTX 2050	7640	278	NA	NA
GeForce RTX 2060	14148	124	36.35	\$389.25
GeForce RTX 2060 (Mobile)	11354	186	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2060 12GB	15903	96	NA	NA
GeForce RTX 2060 SUPER	16528	88	40.31	\$409.99*
GeForce RTX 2060 with Max-Q Design	9767	212	NA	NA
GeForce RTX 2070	16150	93	41.47	\$389.46*
GeForce RTX 2070 (Mobile)	12354	163	NA	NA
GeForce RTX 2070 SUPER	18230	72	33.76	\$539.99*
GeForce RTX 2070 Super with Max-Q Design	13735	131	NA	NA
GeForce RTX 2070 with Max-Q Design	11666	178	NA	NA
GeForce RTX 2080	18794	66	23.48	\$800.61*
GeForce RTX 2080 (Mobile)	15107	108	NA	NA
GeForce RTX 2080 SUPER	19572	57	28.58	\$684.86*
GeForce RTX 2080 Super with Max-Q Design	13842	128	NA	NA
GeForce RTX 2080 Ti	21740	44	16.72	\$1,299.99*
GeForce RTX 2080 with Max-Q Design	13084	148	6.23	\$2,099.99*
GeForce RTX 3050 4GB Laptop GPU	6757	308	NA	NA
GeForce RTX 3050 6GB	10658	196	62.71	\$169.97
GeForce RTX 3050 6GB Laptop GPU	10338	203	NA	NA
GeForce RTX 3050 8GB	12806	154	61.87	\$206.99
GeForce RTX 3050 Laptop GPU	9459	223	35.04	\$269.99*
GeForce RTX 3050 OEM	11970	172	54.96	\$217.82
GeForce RTX 3050 Ti Laptop GPU	10139	206	NA	NA
GeForce RTX 3060 12GB	16995	82	67.99	\$249.99
GeForce RTX 3060 8GB	15400	102	NA	NA
GeForce RTX 3060 Laptop GPU	13355	142	43.08	\$309.99*
GeForce RTX 3060 Ti	20495	49	60.28	\$339.99
GeForce RTX 3070	22371	37	45.66	\$489.99
GeForce RTX 3070 Laptop GPU	15453	100	NA	NA
GeForce RTX 3070 Ti	23580	31	31.32	\$752.97*
GeForce RTX 3070 Ti Laptop GPU	17980	73	NA	NA
GeForce RTX 3080	25229	25	34.09	\$739.99
GeForce RTX 3080 12GB	26685	23	NA	NA
GeForce RTX 3080 Laptop GPU	16450	90	NA	NA
GeForce RTX 3080 Ti	27123	19	22.07	\$1,229.27
GeForce RTX 3080 Ti Laptop GPU	19726	56	NA	NA
GeForce RTX 3090	26733	22	14.99	\$1,783.35*
GeForce RTX 3090 Ti	29687	11	13.63	\$2,177.46
GeForce RTX 4050 Laptop GPU	14425	119	NA	NA
GeForce RTX 4060	19907	51	67.95	\$292.99
GeForce RTX 4060 Laptop GPU	17648	75	NA	NA
GeForce RTX 4060 Ti	22900	33	60.26	\$379.99
GeForce RTX 4060 Ti 16GB	22854	35	50.79	\$449.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4070	26979	20	49.96	\$539.99
GeForce RTX 4070 Laptop GPU	19539	58	NA	NA
GeForce RTX 4070 SUPER	30192	9	51.81	\$582.70
GeForce RTX 4070 Ti	31829	6	42.44	\$749.99
GeForce RTX 4070 Ti SUPER	31658	7	39.57	\$799.99
GeForce RTX 4080	34617	3	29.26	\$1,183.06
GeForce RTX 4080 Laptop GPU	25112	26	NA	NA
GeForce RTX 4080 SUPER	34223	5	34.22	\$999.99
GeForce RTX 4090	38587	1	21.44	\$1,799.99
GeForce RTX 4090 D	37631	2	NA	NA
GeForce RTX 4090 Laptop GPU	27724	18	NA	NA
GeForce2 Go	4	2514	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2519	NA	NA
GeForce2 Integrated GPU	4	2509	NA	NA
GeForce2 MX	2	2558	NA	NA
GeForce2 MX 100/200	3	2543	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2493	NA	NA
GeForce2 MX with TV Out	2	2567	NA	NA
GeForce2 MX/MX 400	3	2521	NA	NA
GeForce2 Ti	4	2501	NA	NA
GeForce2 Ultra	6	2460	NA	NA
GeForce3	4	2490	NA	NA
GeForce3 Ti 200	4	2516	NA	NA
GeForce3 Ti 500	2	2569	NA	NA
GeForce4 420 Go	3	2540	NA	NA
GeForce4 420 Go 32M	5	2480	NA	NA
GeForce4 4200 Go	3	2520	NA	NA
GeForce4 440	4	2487	NA	NA
GeForce4 440 Go	3	2527	NA	NA
GeForce4 440 Go 64M	5	2466	NA	NA
GeForce4 448 Go	5	2477	NA	NA
GeForce4 MX 4000	4	2507	NA	NA
GeForce4 MX 420	4	2494	NA	NA
GeForce4 MX 440	4	2504	NA	NA
GeForce4 MX 440 with AGP8X	4	2491	NA	NA
GeForce4 MX 440SE	4	2503	NA	NA
GeForce4 MX 460	4	2513	NA	NA
GeForce4 MX Integrated GPU	6	2458	NA	NA
GeForce4 Ti 4200	5	2476	NA	NA
GeForce4 Ti 4400	7	2451	NA	NA
GeForce4 Ti 4600	5	2478	0.10	\$53.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce4 Ti 4800	5	2468	NA	NA
GeForce4 Ti 4800 SE	6	2454	NA	NA
GeForce9400M	105	2107	NA	NA
GF117	554	1561	NA	NA
Glenfly Arise-GT-10C0	1007	1135	NA	NA
GRID GTX P40-6	4340	452	NA	NA
GRID K1	650	1430	1.65	\$395.00*
GRID K120Q	293	1821	NA	NA
GRID K140Q	727	1357	NA	NA
GRID K160Q	628	1461	NA	NA
GRID K180Q	533	1589	NA	NA
GRID K2	2736	614	2.05	\$1,331.97*
GRID K220Q	912	1198	NA	NA
GRID K240Q	2541	653	NA	NA
GRID K260Q	2949	587	NA	NA
GRID K280Q	2839	598	NA	NA
GRID K520	3516	520	23.44	\$149.99*
GRID M10-0B	870	1226	NA	NA
GRID M10-0Q	795	1289	NA	NA
GRID M10-1B	2309	702	NA	NA
GRID M10-1Q	3351	541	NA	NA
GRID M10-2B	2363	686	NA	NA
GRID M10-2Q	2691	622	NA	NA
GRID M10-4Q	2976	584	NA	NA
GRID M10-8Q	1755	858	NA	NA
GRID M6-0B	911	1199	NA	NA
GRID M6-1Q	2069	758	NA	NA
GRID M6-8Q	3568	513	NA	NA
GRID M60-0B	1838	836	NA	NA
GRID M60-0Q	827	1259	NA	NA
GRID M60-1B	4456	446	NA	NA
GRID M60-1Q	3694	497	NA	NA
GRID M60-2Q	5203	390	NA	NA
GRID M60-4Q	3831	486	NA	NA
GRID M60-8A	5523	365	NA	NA
GRID M60-8Q	3883	481	NA	NA
GRID P100-16Q	5944	340	NA	NA
GRID P100-1B	2223	726	NA	NA
GRID P100-8Q	3267	550	NA	NA
GRID P4-1B	2151	738	NA	NA
GRID P4-4Q	6843	304	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P4-8A	3206	560	NA	NA
GRID P4-8Q	6733	309	NA	NA
GRID P40-24Q	8719	243	NA	NA
GRID P40-2B	9842	211	NA	NA
GRID P40-2Q	4843	419	NA	NA
GRID P40-3Q	681	1400	NA	NA
GRID P40-4Q	5364	373	NA	NA
GRID P40-8Q	7432	286	NA	NA
GRID P6-2Q	3925	478	NA	NA
GRID P6-4Q	4429	448	NA	NA
GRID RTX6000-1B	8473	249	NA	NA
GRID RTX6000-6Q	21986	43	NA	NA
GRID RTX6000P-6Q	4777	425	NA	NA
GRID RTX8000P-4Q	5174	394	NA	NA
GRID T4-1Q	3302	546	NA	NA
GRID T4-2B	2601	641	NA	NA
GRID T4-2Q	3450	530	NA	NA
GRID T4-4Q	3260	551	NA	NA
GRID T4-8Q	5680	353	NA	NA
GRID V100-8Q	16	2416	NA	NA
GRID V100D-8Q	4155	464	NA	NA
GT 430	223	1892	1.56	\$142.88*
Incredible HD	389	1737	NA	NA
Incredible HD 4000	517	1609	NA	NA
Incredible HD 4600	749	1331	NA	NA
Intel - Express Chipset G41	56	2256	NA	NA
Intel - Express Chipset Q45/Q43	57	2251	NA	NA
Intel 2nd Generation SandyBridge HD	169	1958	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1918	NA	NA
Intel 4th Generation Haswell HD	419	1714	NA	NA
Intel 82845G Controller	2	2575	NA	NA
Intel 82845G/GL Controller	2	2563	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2554	NA	NA
Intel 82852/82855 GM/GME Controller	1	2586	NA	NA
Intel 82865G Controller	4	2498	NA	NA
Intel 82915G Express	5	2472	NA	NA
Intel 82915G/915GV/910GL	3	2528	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2562	NA	NA
Intel 82915G/GV/910GL Express	3	2549	NA	NA
Intel 82945G Express	10	2430	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2443	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	2529	NA	NA
Intel 915G,910G Express	4	2518	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function 0	4	2499	NA	NA
Intel 945G Embedded Chipset Function 0	4	2506	NA	NA
Intel 946GZ Embedded Chipset	3	2544	NA	NA
Intel 946GZ Express	2	2566	NA	NA
Intel Arc	5248	382	NA	NA
Intel Arc 130V GPU	4424	450	NA	NA
Intel Arc 140V GPU	5074	404	NA	NA
Intel Arc A310	5492	367	54.93	\$99.99
Intel Arc A310 LP	4675	431	NA	NA
Intel Arc A370M	5115	401	NA	NA
Intel Arc A380	6201	325	51.68	\$119.99*
Intel Arc A530M	6708	311	NA	NA
Intel Arc A580	11648	179	64.73	\$179.97
Intel Arc A730M	10487	197	NA	NA
Intel Arc A750	11970	173	59.86	\$199.99
Intel Arc A770	12991	149	43.31	\$299.99
Intel Arc A770M	11577	181	NA	NA
Intel Arc Pro	5138	398	NA	NA
Intel Arc Pro A60	9300	229	NA	NA
Intel B43 Express Chipset	138	2012	NA	NA
Intel Coffee Lake UHD	1158	1068	NA	NA
Intel Extreme Controller	1	2577	NA	NA
Intel G33/G31 Express	46	2289	NA	NA
Intel G35 Express	2097	753	NA	NA
Intel G41 Express Chipset	125	2042	NA	NA
Intel G41 Express-Chipsatz	57	2253	NA	NA
Intel G45/G43 Express Chipset	122	2053	NA	NA
Intel G45/G43/G41 Express Chipset	67	2223	NA	NA
Intel G965 Express	222	1893	NA	NA
Intel GMA 3150 Express	2	2570	NA	NA
Intel Graphics	3151	570	NA	NA
Intel Haswell HD - GT1	123	2049	NA	NA
Intel Haswell HD - GT2	139	2008	NA	NA
Intel HD 2000	213	1906	NA	NA
Intel HD 3000	257	1858	0.27	\$945.00*
Intel HD 4000	346	1775	0.22	\$1,592.95*
Intel HD 4400	521	1605	NA	NA
Intel HD 4600	628	1462	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1472	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 500	298	1820	NA	NA
Intel HD 5000	585	1523	0.94	\$625.00*
Intel HD 505	360	1765	NA	NA
Intel HD 510	622	1469	NA	NA
Intel HD 515	633	1454	NA	NA
Intel HD 520	867	1230	NA	NA
Intel HD 5200	830	1257	NA	NA
Intel HD 530	996	1142	NA	NA
Intel HD 5300	400	1729	NA	NA
Intel HD 5500	590	1512	NA	NA
Intel HD 5600	2263	720	NA	NA
Intel HD 6000	874	1224	NA	NA
Intel HD 610	686	1397	NA	NA
Intel HD 615	708	1375	NA	NA
Intel HD 630	1110	1083	NA	NA
Intel HD Family	461	1672	NA	NA
Intel HD Graphics 620	926	1189	NA	NA
Intel HD manual-15.28-1861	62	2237	NA	NA
Intel HD manual-gen9 2015-133271	165	1962	NA	NA
Intel HD Modded	112	2092	NA	NA
Intel HD P3000	284	1830	NA	NA
Intel HD P4000	516	1610	NA	NA
Intel HD P4600	604	1494	NA	NA
Intel HD P4600/P4700	634	1450	NA	NA
Intel HD P530	1160	1067	NA	NA
Intel HD P630	1203	1050	NA	NA
Intel Infoshock HD	193	1928	NA	NA
Intel Iris 5100	746	1336	NA	NA
Intel Iris 540	1261	1023	NA	NA
Intel Iris 550	1427	980	NA	NA
Intel Iris 6100	894	1214	NA	NA
Intel Iris 650	1432	975	NA	NA
Intel Iris Plus	1813	845	NA	NA
Intel Iris Plus 640	1350	999	NA	NA
Intel Iris Plus 645	1715	871	NA	NA
Intel Iris Plus 650	1575	924	NA	NA
Intel Iris Plus 655	1733	864	NA	NA
Intel Iris Pro 5200	1186	1054	NA	NA
Intel Iris Pro 580	1987	784	NA	NA
Intel Iris Pro 6100	925	1191	NA	NA
Intel Iris Pro Graphics 6200	1471	966	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro P580	2231	723	NA	NA
Intel Iris Pro P6300	1625	901	NA	NA
Intel Iris Xe	2682	624	NA	NA
Intel Iris Xe MAX	1971	789	NA	NA
Intel Iris Xe MAX 100	1927	805	NA	NA
Intel Media Accelerator	32	2354	NA	NA
Intel Media Accelerator 3150	2	2553	NA	NA
Intel Media Accelerator 500	3	2536	NA	NA
Intel Media Accelerator 600	6	2453	NA	NA
Intel Media Accelerator HD	108	2102	NA	NA
Intel Poison Ivy	738	1345	NA	NA
Intel Q33 Express	7	2446	NA	NA
Intel Q35 Embedded	8	2439	NA	NA
Intel Q35 Express	77	2193	NA	NA
Intel Q45/Q43 Express Chipset	198	1924	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2254	NA	NA
Intel Q965/Q963 Express	160	1969	NA	NA
Intel Skylake HD DT GT2	576	1529	NA	NA
Intel UHD 630	614	1479	NA	NA
Intel UHD Graphics	1486	960	NA	NA
Intel UHD Graphics 600	320	1801	NA	NA
Intel UHD Graphics 605	370	1756	NA	NA
Intel UHD Graphics 610	711	1373	NA	NA
Intel UHD Graphics 615	733	1353	NA	NA
Intel UHD Graphics 617	874	1225	NA	NA
Intel UHD Graphics 620	1044	1116	NA	NA
Intel UHD Graphics 630	1243	1029	NA	NA
Intel UHD Graphics 710	1077	1102	NA	NA
Intel UHD Graphics 730	1582	921	NA	NA
Intel UHD Graphics 750	1725	867	NA	NA
Intel UHD Graphics 770	1887	820	NA	NA
Intel UHD Graphics P630	2119	745	NA	NA
Intel UHD Graphics P750	1670	882	NA	NA
Intel US15 Embedded Media and Controller	7	2450	NA	NA
ION	84	2169	0.37	\$229.99*
ION LE	97	2133	NA	NA
L40S	14397	120	NA	NA
Lebo Virtual USB Monitor	1789	850	NA	NA
M860G with Mobility Radeon 4100	75	2196	NA	NA
M880G with Mobility Radeon HD 4200	92	2147	NA	NA
M880G with Mobility Radeon HD 4225	71	2207	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
M880G with Mobility Radeon HD 4250	104	2113	NA	NA
Master X3100 Driver	10	2431	NA	NA
Matrox C420 LP PCIe x16	597	1501	NA	NA
Matrox C680 PCIe x16	1903	812	NA	NA
Matrox C900 PCIe x16	1812	846	NA	NA
Matrox G200e WDDM 1.2	59	2244	NA	NA
Matrox G200e WDDM 2.0	100	2126	NA	NA
Matrox G200eh	40	2311	NA	NA
Matrox G200eh WDDM 1.2	51	2264	NA	NA
Matrox G200eh WDDM 2.0	46	2287	NA	NA
Matrox G200eR	36	2331	NA	NA
Matrox G200eR WDDM 1.2	45	2291	NA	NA
Matrox G200eR WDDM 2.0	67	2224	NA	NA
Matrox G200eW	39	2316	NA	NA
Matrox G200eW WDDM 1.2	50	2274	NA	NA
Matrox G200eW3 WDDM 2.0	89	2158	NA	NA
Matrox LUMA A310	3690	499	NA	NA
Matrox LUMA A310F	3873	483	NA	NA
Matrox LUMA A380P	5805	344	NA	NA
Matrox M9120 PCIe x16	19	2403	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2381	NA	NA
Matrox M9125 PCIe x16	25	2383	NA	NA
Matrox M9128 LP PCIe x16	31	2359	NA	NA
Matrox M9138 LP PCIe x16	42	2302	NA	NA
Matrox M9140 LP PCIe x16	23	2394	NA	NA
Matrox M9148 LP PCIe x16	40	2313	NA	NA
Matrox Millennium P650 PCIe 128	5	2481	NA	NA
Matrox Millennium P690 PCIe x16	366	1759	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2455	NA	NA
Matrox Parhelia 128MB	3	2538	0.01	\$393.99*
Matrox Parhelia 256MB	9	2433	NA	NA
Matrox Parhelia APVe	5	2474	NA	NA
MEDION RADEON 9800 XXL	71	2206	NA	NA
MEDION RADEON X740XL	94	2140	NA	NA
Mi Pad 5 Adreno 640 GPU	722	1362	NA	NA
MIRRORV3	1080	1100	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2321	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2297	NA	NA
Mobile Intel 45 Express	41	2306	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	2069	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2580	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 945 Express	1	2581	NA	NA
Mobile Intel 945GM Express	5	2469	NA	NA
Mobile Intel 945GM/GU Express	5	2482	NA	NA
Mobile Intel 965 Express	47	2284	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2441	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2391	NA	NA
Mobile Intel HD	235	1880	0.49	\$479.98*
Mobile Intel serie 4 Express	44	2296	NA	NA
Mobile Intel965 Express	17	2413	NA	NA
MOBILITY FIREGL 7800	4	2495	NA	NA
MOBILITY FIREGL T2	40	2310	NA	NA
MOBILITY FIREGL T2/T2e	33	2348	NA	NA
MOBILITY FireGL V3200	62	2239	NA	NA
MOBILITY FireGL V5000	81	2179	NA	NA
MOBILITY FireGL V5200	44	2293	NA	NA
MOBILITY FireGL V5250	27	2372	NA	NA
Mobility FireGL V5725	219	1899	NA	NA
MOBILITY IGP 9000/9100	10	2432	NA	NA
Mobility Radeon 4100	81	2184	NA	NA
MOBILITY RADEON 7000 IGP	6	2461	NA	NA
MOBILITY RADEON 7500	3	2532	NA	NA
MOBILITY RADEON 9000	3	2542	NA	NA
MOBILITY RADEON 9000 IGP	7	2444	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2473	NA	NA
MOBILITY RADEON 9100 IGP	2	2552	NA	NA
MOBILITY RADEON 9200	3	2551	NA	NA
MOBILITY RADEON 9550	30	2365	NA	NA
MOBILITY RADEON 9600	36	2335	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2387	NA	NA
MOBILITY RADEON 9600/9700	39	2319	NA	NA
MOBILITY RADEON 9700	27	2371	NA	NA
MOBILITY RADEON 9800	46	2288	NA	NA
Mobility Radeon HD 2300	50	2271	NA	NA
Mobility Radeon HD 2400	89	2157	NA	NA
Mobility Radeon HD 2400 XT	102	2121	NA	NA
Mobility Radeon HD 2600	167	1959	NA	NA
Mobility Radeon HD 2600 XT	191	1931	NA	NA
Mobility Radeon HD 3400 Serisi	111	2095	NA	NA
Mobility Radeon HD 3410	62	2236	NA	NA
Mobility Radeon HD 3430	98	2132	NA	NA
Mobility Radeon HD 3450	91	2154	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 3470	93	2144	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2142	NA	NA
Mobility Radeon HD 3650	140	2004	1.91	\$73.53*
Mobility Radeon HD 3670	232	1883	NA	NA
Mobility Radeon HD 3850	365	1761	NA	NA
Mobility Radeon HD 3870	547	1569	NA	NA
Mobility Radeon HD 3870 X2	477	1649	NA	NA
Mobility Radeon HD 4200	90	2155	NA	NA
Mobility Radeon HD 4225	66	2231	NA	NA
Mobility Radeon HD 4250	98	2130	NA	NA
Mobility Radeon HD 4270	92	2146	NA	NA
Mobility Radeon HD 4300 Serisi	73	2202	NA	NA
Mobility Radeon HD 4330	135	2020	NA	NA
Mobility Radeon HD 4350	148	1986	NA	NA
Mobility Radeon HD 4550	191	1933	NA	NA
Mobility Radeon HD 4570	142	1998	1.88	\$75.90*
Mobility Radeon HD 4650	401	1727	NA	NA
Mobility Radeon HD 4670	463	1670	NA	NA
Mobility Radeon HD 4830	511	1613	NA	NA
Mobility Radeon HD 4850	866	1231	NA	NA
Mobility Radeon HD 4870	719	1365	NA	NA
Mobility Radeon HD 5000	773	1310	NA	NA
Mobility Radeon HD 5000 Serisi	478	1644	NA	NA
Mobility Radeon HD 5165	284	1832	NA	NA
Mobility Radeon HD 530v	174	1949	NA	NA
Mobility Radeon HD 540v	188	1935	NA	NA
Mobility Radeon HD 5430	181	1940	NA	NA
Mobility Radeon HD 5450	214	1904	NA	NA
Mobility Radeon HD 545v	199	1921	NA	NA
Mobility Radeon HD 5470	236	1878	NA	NA
Mobility Radeon HD 550v	266	1848	NA	NA
Mobility Radeon HD 5570	527	1596	NA	NA
Mobility Radeon HD 560v	318	1805	NA	NA
Mobility Radeon HD 5650	448	1691	NA	NA
Mobility Radeon HD 565v	353	1771	NA	NA
Mobility Radeon HD 5730	506	1619	NA	NA
Mobility Radeon HD 5850	763	1320	NA	NA
Mobility Radeon HD 5870	1084	1097	NA	NA
Mobility Radeon HD serie 4200	96	2137	NA	NA
Mobility Radeon X1300	39	2317	NA	NA
Mobility Radeon X1350	39	2315	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X1400	42	2299	NA	NA
Mobility Radeon X1450	33	2351	NA	NA
Mobility Radeon X1600	92	2149	NA	NA
Mobility Radeon X1700	104	2110	NA	NA
MOBILITY RADEON X1800	130	2031	NA	NA
Mobility Radeon X1900	134	2022	NA	NA
Mobility Radeon X2300	48	2280	NA	NA
Mobility Radeon X2300 HD	48	2279	NA	NA
Mobility Radeon X2500	81	2178	NA	NA
MOBILITY RADEON X300	33	2347	NA	NA
MOBILITY RADEON X600	50	2273	NA	NA
MOBILITY RADEON X600 SE	49	2276	NA	NA
MOBILITY RADEON X700	66	2228	NA	NA
MOBILITY RADEON X700 XL	59	2241	NA	NA
MOBILITY RADEON XPRESS 200	27	2375	NA	NA
Mobility Radeon. HD 5470	215	1903	NA	NA
MOBILITY/RADEON 9000	4	2515	NA	NA
MONSTER GeForce GTX 675M	2637	632	NA	NA
MxGPU	1282	1018	NA	NA
N16P-GX	1204	1047	NA	NA
N18E-Q1	2525	658	NA	NA
nForce 750a SLI	83	2173	NA	NA
nForce 760i SLI	140	2005	NA	NA
nForce 780a SLI	92	2150	NA	NA
nForce 980a/780a SLI	81	2181	NA	NA
NV44	15	2417	NA	NA
NVIDIA A10	22064	42	NA	NA
NVIDIA A10-4Q	3424	533	NA	NA
NVIDIA A10G	18773	67	NA	NA
NVIDIA A40	14664	115	NA	NA
NVIDIA A40-12Q	3370	537	NA	NA
NVIDIA A40-8Q	4220	461	NA	NA
NVIDIA GeForce3 Ti200	5	2471	NA	NA
NVIDIA TITAN X	13659	136	22.46	\$608.10*
NVIDIA TITAN Xp	18711	69	11.37	\$1,645.00*
NVS 2100M	139	2006	NA	NA
NVS 300	121	2054	1.93	\$62.97*
NVS 310	249	1867	4.03	\$62.06*
NVS 3100M	116	2073	NA	NA
NVS 315	300	1818	4.29	\$69.99*
NVS 4200M	280	1837	0.70	\$399.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 510	692	1391	6.18	\$111.99*
NVS 5100M	188	1936	NA	NA
NVS 5200M	512	1612	NA	NA
NVS 5400M	625	1467	NA	NA
NVS 810	1179	1057	1.89	\$624.99*
OPAL XT/GL	1053	1112	NA	NA
P104-100	3694	498	12.32	\$299.99*
P106-090	2342	693	NA	NA
P106-100	6408	320	NA	NA
Parsec Virtual Display Adapter	5022	409	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	886	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	893	NA	NA
PHDGD Ivy 4	374	1754	NA	NA
PHDGD Ivy 5	445	1694	NA	NA
PHDGD Quantic C3	116	2070	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2380	NA	NA
PHDGD Solo 1.2.0 x86	11	2429	NA	NA
PHDGD Solo 2 x64	20	2402	NA	NA
Q12U-1	5164	395	NA	NA
Quadro 1000M	566	1545	10.40	\$54.50*
Quadro 1100M	755	1326	NA	NA
Quadro 2000	946	1172	4.44	\$213.23*
Quadro 2000 D	1239	1031	NA	NA
Quadro 2000D	976	1155	1.72	\$569.00
Quadro 2000M	778	1302	3.39	\$229.74*
Quadro 2100M	1100	1088	NA	NA
Quadro 280 NVS PCIe	5	2470	NA	NA
Quadro 3000M	995	1143	14.22	\$69.99*
Quadro 400	148	1985	0.70	\$211.00*
Quadro 4000	1478	965	2.11	\$699.00*
Quadro 4000M	1302	1013	5.61	\$232.06*
Quadro 410	437	1698	3.39	\$129.00*
Quadro 5000	1933	802	0.90	\$2,153.50
Quadro 5000M	2059	763	NA	NA
Quadro 500M	570	1538	2.07	\$275.14*
Quadro 5010M	1771	857	7.51	\$235.95*
Quadro 600	532	1592	7.01	\$76.00*
Quadro 6000	2685	623	0.66	\$4,092.38*
Quadro 7000	3505	522	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro CX	947	1171	6.32	\$149.95*
Quadro FX 1000	34	2343	NA	NA
Quadro FX 1100	35	2336	0.17	\$212.99*
Quadro FX 1300	34	2342	NA	NA
Quadro FX 1400	124	2045	0.51	\$245.01*
Quadro FX 1500	169	1956	0.38	\$448.99
Quadro FX 1500M	171	1952	NA	NA
Quadro FX 1600M	131	2029	0.87	\$149.90*
Quadro FX 1700	181	1939	0.52	\$350.14*
Quadro FX 1700M	172	1951	NA	NA
Quadro FX 1800	398	1730	2.95	\$135.00*
Quadro FX 1800M	466	1664	NA	NA
Quadro FX 2000	18	2410	NA	NA
Quadro FX 2500M	217	1900	12.45	\$17.50*
Quadro FX 2700	543	1578	NA	NA
Quadro FX 2700M	366	1758	3.67	\$99.95*
Quadro FX 2800M	417	1715	2.20	\$190.00*
Quadro FX 3000	69	2219	0.41	\$166.61*
Quadro FX 3400/4400	104	2112	NA	NA
Quadro FX 3450	148	1984	1.24	\$119.99*
Quadro FX 3450/4000 SDI	179	1944	NA	NA
Quadro FX 350	85	2163	NA	NA
Quadro FX 3500	259	1855	3.77	\$68.98*
Quadro FX 3500M	306	1813	3.06	\$99.99*
Quadro FX 350M	44	2295	NA	NA
Quadro FX 3600M	466	1663	NA	NA
Quadro FX 360M	86	2161	NA	NA
Quadro FX 370	83	2172	0.67	\$125.00*
Quadro FX 370 Low Profile	102	2117	NA	NA
Quadro FX 370 LP	108	2103	NA	NA
Quadro FX 3700	377	1746	1.77	\$213.27*
Quadro FX 3700M	456	1683	0.49	\$925.00*
Quadro FX 370M	93	2145	NA	NA
Quadro FX 380	157	1972	2.17	\$72.50*
Quadro FX 380 LP	122	2050	NA	NA
Quadro FX 3800	823	1263	3.18	\$259.13*
Quadro FX 3800M	585	1521	NA	NA
Quadro FX 380M	120	2059	NA	NA
Quadro FX 4000	101	2125	NA	NA
Quadro FX 4500	227	1887	1.34	\$169.00*
Quadro FX 4500 X2	236	1879	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4600	430	1705	1.29	\$333.25*
Quadro FX 4700 X2	676	1408	NA	NA
Quadro FX 4800	978	1153	0.59	\$1,658.97
Quadro FX 500/600 PCI	14	2419	NA	NA
Quadro FX 500/FX 600	7	2448	NA	NA
Quadro FX 540	80	2186	1.35	\$59.99*
Quadro FX 550	63	2234	0.22	\$287.82*
Quadro FX 5500	242	1873	0.12	\$1,999.00*
Quadro FX 560	113	2086	0.76	\$150.25*
Quadro FX 5600	525	1599	1.78	\$295.00*
Quadro FX 570	232	1882	2.02	\$115.00*
Quadro FX 570M	104	2114	NA	NA
Quadro FX 580	161	1968	1.24	\$130.00*
Quadro FX 5800	1221	1040	4.46	\$274.00*
Quadro FX 770M	220	1896	0.42	\$527.00*
Quadro FX 880M	223	1891	NA	NA
Quadro FX Go1400	101	2122	NA	NA
Quadro GP100	16374	91	NA	NA
Quadro GV100	19824	53	2.20	\$8,999.00*
Quadro K1000M	779	1299	11.14	\$69.95*
Quadro K1100M	1090	1096	3.38	\$322.99*
Quadro K1200	2940	588	10.31	\$285.29*
Quadro K2000	1580	923	5.38	\$294.00*
Quadro K2000D	1586	919	4.67	\$339.99*
Quadro K2000M	1012	1131	7.03	\$144.04*
Quadro K2100M	1357	998	3.26	\$415.99*
Quadro K2200	3551	515	13.24	\$268.30*
Quadro K2200M	3468	527	27.76	\$124.95*
Quadro K3000M	1639	895	4.02	\$407.56*
Quadro K3100M	2264	718	5.66	\$399.95*
Quadro K4000	2717	618	10.07	\$270.00*
Quadro K4000M	1902	813	7.49	\$254.00*
Quadro K4100M	2756	611	10.55	\$261.29*
Quadro K420	744	1340	2.77	\$269.00*
Quadro K4200	4325	453	17.37	\$249.00*
Quadro K5000	3993	476	16.04	\$249.00*
Quadro K5000M	2778	608	5.46	\$508.91*
Quadro K5100M	3162	567	2.85	\$1,108.84*
Quadro K510M	641	1441	NA	NA
Quadro K5200	6091	335	14.68	\$415.00*
Quadro K600	735	1350	12.22	\$60.24*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K6000	8067	262	38.30	\$210.66*
Quadro K610M	718	1369	2.99	\$240.00*
Quadro K620	2231	722	1.10	\$2,029.99*
Quadro K620M	1165	1062	NA	NA
Quadro M1000M	2850	597	33.15	\$85.99*
Quadro M1200	3236	557	NA	NA
Quadro M2000	3992	477	15.11	\$264.24*
Quadro M2000M	3456	528	16.22	\$213.16*
Quadro M2200	4262	457	17.05	\$249.99*
Quadro M3000M	5596	355	34.99	\$159.95*
Quadro M4000	6672	315	18.43	\$362.00*
Quadro M4000M	6119	333	24.01	\$254.91*
Quadro M5000	9409	225	18.86	\$499.00*
Quadro M5000M	7019	299	12.84	\$546.92*
Quadro M500M	1163	1065	NA	NA
Quadro M520	1872	822	NA	NA
Quadro M5500	7915	267	NA	NA
Quadro M6000	11749	176	2.43	\$4,827.53*
Quadro M6000 24GB	11882	174	NA	NA
Quadro M600M	2150	739	8.54	\$251.99*
Quadro M620	2794	605	NA	NA
Quadro NVS 110M	47	2283	NA	NA
Quadro NVS 120M	46	2286	NA	NA
Quadro NVS 130M	97	2136	NA	NA
Quadro NVS 135M	50	2272	NA	NA
Quadro NVS 140M	78	2192	NA	NA
Quadro NVS 150M	70	2213	NA	NA
Quadro NVS 160M	135	2019	NA	NA
Quadro NVS 210S	23	2392	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2401	NA	NA
Quadro NVS 280 PCI	8	2442	0.06	\$130.00*
Quadro NVS 280 SD	2	2572	NA	NA
Quadro NVS 285	42	2303	0.25	\$169.86*
Quadro NVS 285 128MB	38	2323	0.70	\$55.00*
Quadro NVS 290	228	1885	3.86	\$59.00*
Quadro NVS 295	94	2141	1.49	\$63.00*
Quadro NVS 320M	208	1915	NA	NA
Quadro NVS 420	102	2118	0.69	\$150.00*
Quadro NVS 440	37	2327	0.16	\$228.87*
Quadro NVS 450	66	2227	0.16	\$429.72
Quadro NVS 510M	238	1876	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 55/280 PCI	6	2464	NA	NA
Quadro P1000	4459	445	15.38	\$289.99*
Quadro P2000	6927	302	15.76	\$439.60*
Quadro P2000 with Max-Q Design	5270	380	NA	NA
Quadro P2200	9327	228	20.29	\$459.80*
Quadro P3000	6505	317	NA	NA
Quadro P3200	8775	242	22.54	\$389.30*
Quadro P3200 with Max-Q Design	9409	226	NA	NA
Quadro P400	1643	892	8.17	\$201.17*
Quadro P4000	11624	180	20.90	\$556.19*
Quadro P4000 with Max-Q Design	9082	234	NA	NA
Quadro P4200	10439	200	NA	NA
Quadro P4200 with Max-Q Design	11446	184	NA	NA
Quadro P500	1630	899	NA	NA
Quadro P5000	12540	158	6.71	\$1,868.99*
Quadro P520	2097	752	1.40	\$1,499.00*
Quadro P5200	12238	169	NA	NA
Quadro P5200 with Max-Q Design	12530	159	NA	NA
Quadro P600	3304	545	15.69	\$210.58*
Quadro P6000	15307	105	4.71	\$3,250.00*
Quadro P620	3636	507	6.33	\$574.55*
Quadro RTX 3000	11130	189	NA	NA
Quadro RTX 3000 with Max-Q Design	8255	255	NA	NA
Quadro RTX 4000	15365	103	17.09	\$899.00*
Quadro RTX 4000 (Mobile)	12291	166	NA	NA
Quadro RTX 4000 with Max-Q Design	12388	162	NA	NA
Quadro RTX 5000	15940	95	NA	NA
Quadro RTX 5000 (Mobile)	14832	113	NA	NA
Quadro RTX 5000 with Max-Q Design	13478	141	NA	NA
Quadro RTX 6000	18733	68	2.97	\$6,300.00*
Quadro RTX 8000	19278	62	4.49	\$4,290.00
Quadro T1000	6453	319	17.44	\$369.99*
Quadro T1000 with Max-Q Design	6688	313	NA	NA
Quadro T2000	7177	293	13.58	\$528.35*
Quadro T2000 with Max-Q Design	6901	303	NA	NA
Quadro2 MXR/EX	4	2505	NA	NA
Quadro2 Pro	1	2588	NA	NA
Quadro4 380 XGL	6	2456	NA	NA
Quadro4 900 XGL	4	2488	NA	NA
Quadro4 980 XGL	5	2486	0.01	\$341.43*
Qualcomm Adreno 540 GPU	118	2066	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Qualcomm Adreno 618 GPU	126	2040	NA	NA
Qualcomm Adreno 630 GPU	282	1834	NA	NA
Qualcomm Adreno 675 GPU	539	1583	NA	NA
Qualcomm Adreno 680 GPU	810	1276	NA	NA
Qualcomm Adreno 685 GPU	979	1152	NA	NA
Qualcomm Adreno 690 GPU	1027	1125	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1333	NA	NA
Qualcomm Adreno 7c+ Gen 3	594	1506	NA	NA
Qualcomm Adreno 8cx Gen 3	1953	795	NA	NA
Qualcomm Adreno X1-45 GPU	1487	958	NA	NA
Qualcomm Adreno X1-85 GPU	2669	627	NA	NA
QXL KMDOD	18	2405	NA	NA
Radeon 2100	59	2242	0.31	\$190.99*
Radeon 3000	98	2131	0.31	\$319.00*
Radeon 3015e	382	1741	NA	NA
Radeon 3020e	465	1667	NA	NA
Radeon 3100	73	2200	0.39	\$189.15*
Radeon 520	861	1234	9.57	\$89.99*
Radeon 530	1021	1127	NA	NA
Radeon 535	1077	1103	NA	NA
Radeon 535DX	773	1306	NA	NA
Radeon 540	1383	990	NA	NA
Radeon 540X	1437	971	NA	NA
Radeon 550	2027	773	18.43	\$109.99
Radeon 550X	1432	976	NA	NA
Radeon 610M	1099	1089	NA	NA
Radeon 610M Ryzen 9 7845HX	21622	46	NA	NA
Radeon 610M Ryzen 9 7945HX	1564	929	NA	NA
Radeon 620	894	1213	NA	NA
Radeon 625	1094	1091	NA	NA
Radeon 630	1434	974	NA	NA
Radeon 6600M	524	1600	NA	NA
Radeon 660M Ryzen 5 7535HS	3705	495	NA	NA
Radeon 6750M	911	1200	NA	NA
Radeon 680M Ryzen 7 7735HS	6166	330	NA	NA
Radeon 7000 / Radeon VE	2	2560	NA	NA
RADEON 7000 / RADEON VE Family	3	2524	NA	NA
RADEON 7200	2	2555	0.00	\$599.99*
Radeon 740M	3188	563	NA	NA
RADEON 7500	3	2545	0.02	\$177.25*
RADEON 7500 Family	4	2496	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 760M	5791	346	NA	NA
Radeon 780M	7050	297	NA	NA
RADEON 8500 Family	6	2457	NA	NA
Radeon 880M	7641	277	NA	NA
Radeon 890M	8334	253	NA	NA
RADEON 9000	4	2500	NA	NA
RADEON 9000 Family	3	2534	NA	NA
RADEON 9100 Family	6	2463	NA	NA
RADEON 9100 IGP	5	2479	NA	NA
RADEON 9200	3	2531	0.02	\$153.63*
RADEON 9200 LE Family	2	2564	NA	NA
RADEON 9200 PRO Family	2	2556	NA	NA
RADEON 9200 SE	2	2568	NA	NA
RADEON 9250	2	2565	0.01	\$194.00*
RADEON 9500	36	2333	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	2305	NA	NA
RADEON 9550	34	2340	0.12	\$291.74*
Radeon 9550 / X1050	29	2369	NA	NA
RADEON 9600 Family	25	2386	NA	NA
RADEON 9600 PRO	42	2300	NA	NA
RADEON 9600 PRO Family	26	2377	NA	NA
RADEON 9600 TX Family	18	2407	NA	NA
RADEON 9600 XT	35	2338	NA	NA
RADEON 9600SE	27	2373	NA	NA
RADEON 9700 PRO	53	2259	NA	NA
Radeon 9700 TX w/TV-Out	44	2298	NA	NA
RADEON 9800	57	2252	0.18	\$325.00*
RADEON 9800 PRO	59	2243	NA	NA
RADEON 9800 SE	23	2393	NA	NA
RADEON 9800 XT	56	2255	NA	NA
RADEON A9800XT	22	2398	NA	NA
Radeon Athlon Gold 3150U	773	1307	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	926	NA	NA
Radeon Athlon PRO 3045B	555	1558	NA	NA
Radeon Athlon Silver 3050U	689	1394	NA	NA
RADEON E2400	51	2265	NA	NA
RADEON E4690	405	1726	NA	NA
Radeon E6460	323	1798	NA	NA
Radeon E6465	231	1884	NA	NA
Radeon E6760	876	1222	3.65	\$239.99*
Radeon E8860	1686	878	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon E8870PCIe	3368	539	NA	NA
Radeon Eng Sample: 100-000000085-40 35/24 Y	1440	970	NA	NA
Radeon Eng Sample: 100-0000000261-50 Y	3490	524	NA	NA
Radeon Eng Sample: 100-0000000262-30 Y	2415	672	NA	NA
Radeon Eng Sample: 100-0000000285-40 Y	2267	717	NA	NA
Radeon Eng Sample: 100-0000000287-40 Y	1861	827	NA	NA
Radeon Eng Sample: 100-0000000300-30 Y	2717	619	NA	NA
Radeon Eng Sample: 100-0000000300-40 Y	2670	626	NA	NA
Radeon Eng Sample: 100-0000000371-40 42/18 Y	2590	642	NA	NA
Radeon Eng Sample: 100-0000000560-40 Y	4852	418	NA	NA
Radeon Eng Sample: 100-0000000561-40 Y	4041	472	NA	NA
Radeon EPYC 4124P 4-Core	1614	909	NA	NA
Radeon EPYC 4244P 6-Core	1424	982	NA	NA
Radeon EPYC 4344P 8-Core	1634	898	NA	NA
Radeon EPYC 4364P 8-Core	1610	911	NA	NA
Radeon EPYC 4464P 12-Core	1613	910	NA	NA
Radeon EPYC 4484PX 12-Core	1619	903	NA	NA
Radeon EPYC 4564P 16-Core	1618	905	NA	NA
Radeon EPYC 4584PX 16-Core	1661	885	NA	NA
Radeon HD 2350	76	2194	NA	NA
Radeon HD 2400	120	2060	1.37	\$88.20*
Radeon HD 2400 PCI	14	2420	NA	NA
Radeon HD 2400 Pro	114	2085	NA	NA
Radeon HD 2400 XT	118	2063	NA	NA
Radeon HD 2600 PRO	211	1910	1.12	\$188.44*
Radeon HD 2600 Pro AGP	110	2097	NA	NA
Radeon HD 2600 XT	282	1835	1.78	\$159.00*
Radeon HD 2900 GT	292	1823	NA	NA
Radeon HD 2900 PRO	627	1464	NA	NA
Radeon HD 2900 XT	659	1418	NA	NA
Radeon HD 3000	95	2138	NA	NA
Radeon HD 3200	82	2175	NA	NA
Radeon HD 3300	126	2039	NA	NA
Radeon HD 3450	155	1978	1.75	\$89.00*
Radeon HD 3470	118	2065	1.08	\$109.65*
Radeon HD 3650 AGP	150	1983	0.81	\$185.00*
Radeon HD 3670	161	1967	NA	NA
Radeon HD 3850	392	1735	NA	NA
Radeon HD 3850 AGP	432	1703	NA	NA
Radeon HD 3850 X2	822	1265	NA	NA
Radeon HD 3870	555	1559	2.45	\$226.37

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3870 X2	708	1376	NA	NA
Radeon HD 4200	111	2094	NA	NA
Radeon HD 4250	122	2051	NA	NA
Radeon HD 4270	109	2098	NA	NA
Radeon HD 4290	140	2001	NA	NA
Radeon HD 4300/4500 Serisi	155	1976	NA	NA
Radeon HD 4330	115	2078	NA	NA
Radeon HD 4350	135	2021	2.65	\$50.99*
Radeon HD 4550	235	1881	1.51	\$156.00*
Radeon HD 4650	238	1875	3.41	\$69.99*
Radeon HD 4650 AGP	207	1916	NA	NA
Radeon HD 4670	379	1744	2.66	\$142.96*
Radeon HD 4770	909	1201	7.70	\$118.20
Radeon HD 4810	769	1315	NA	NA
Radeon HD 4830	835	1249	13.93	\$59.99*
Radeon HD 4850	933	1184	6.67	\$139.99*
Radeon HD 4850 X2	1132	1075	NA	NA
Radeon HD 4870	1375	992	9.63	\$142.80
Radeon HD 4870 X2	1309	1009	NA	NA
Radeon HD 4890	1507	950	16.76	\$89.99*
Radeon HD 5450	136	2017	1.98	\$68.99
Radeon HD 5470	268	1846	NA	NA
Radeon HD 5550	376	1750	6.85	\$54.99*
Radeon HD 5570	476	1653	2.95	\$161.58
Radeon HD 5600/5700	633	1453	NA	NA
Radeon HD 5670	803	1279	8.30	\$96.82
Radeon HD 5750	1163	1064	9.02	\$128.99
Radeon HD 5770	1341	1003	7.06	\$189.99*
Radeon HD 5830	1732	865	6.69	\$258.99*
Radeon HD 5850	1969	791	6.82	\$288.99*
Radeon HD 5870	2220	727	5.33	\$416.89
Radeon HD 5970	2282	709	3.16	\$721.20*
Radeon HD 6230	179	1945	NA	NA
Radeon HD 6250	93	2143	NA	NA
Radeon HD 6290	104	2111	NA	NA
Radeon HD 6290M	140	2003	NA	NA
Radeon HD 6300M	143	1994	NA	NA
Radeon HD 6310	122	2052	NA	NA
Radeon HD 6320	147	1989	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1901	NA	NA
Radeon HD 6320M	198	1923	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON HD 6350	140	2000	2.39	\$59.00*
Radeon HD 6370D	255	1862	NA	NA
Radeon HD 6370M	275	1841	NA	NA
Radeon HD 6380G	200	1920	0.50	\$399.99*
Radeon HD 6410D	236	1877	NA	NA
Radeon HD 6430M	192	1930	NA	NA
Radeon HD 6450	197	1925	2.22	\$89.00*
Radeon HD 6450 + 8470D Dual	762	1321	NA	NA
Radeon HD 6450A	260	1854	NA	NA
Radeon HD 6470M	227	1886	0.40	\$569.99*
Radeon HD 6480G	256	1859	NA	NA
Radeon HD 6480M	353	1770	NA	NA
Radeon HD 6490M	377	1747	0.32	\$1,193.03*
Radeon HD 6520G	299	1819	NA	NA
Radeon HD 6530D	337	1783	NA	NA
Radeon HD 6550A	707	1377	NA	NA
Radeon HD 6550D	400	1728	NA	NA
Radeon HD 6570	549	1566	8.46	\$64.99*
Radeon HD 6610M	565	1547	NA	NA
Radeon HD 6620G	341	1778	NA	NA
Radeon HD 6630M	684	1399	NA	NA
Radeon HD 6650A	835	1250	NA	NA
Radeon HD 6650M	752	1329	NA	NA
Radeon HD 6670	726	1358	10.53	\$68.99*
Radeon HD 6670 + 6670 Dual	646	1436	NA	NA
Radeon HD 6670 + 7660D Dual	1492	957	NA	NA
Radeon HD 6670/7670	945	1173	NA	NA
Radeon HD 6700M	1016	1129	NA	NA
Radeon HD 6750	1043	1118	13.04	\$79.99*
Radeon HD 6750M	937	1179	NA	NA
Radeon HD 6770	1250	1028	4.72	\$264.99*
Radeon HD 6770M	964	1163	NA	NA
Radeon HD 6790	1618	904	5.51	\$294.00*
Radeon HD 6800M	798	1282	NA	NA
Radeon HD 6850	1965	792	9.29	\$211.60
Radeon HD 6850 X2	2534	654	NA	NA
Radeon HD 6870	2216	729	9.24	\$239.99
Radeon HD 6900M	1702	873	NA	NA
Radeon HD 6950	2612	637	18.66	\$139.99*
Radeon HD 6970	2831	599	18.88	\$149.99*
Radeon HD 6970M	2270	714	10.51	\$215.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6990	3013	581	6.05	\$498.49*
Radeon HD 7290	111	2093	NA	NA
Radeon HD 7290M	123	2047	NA	NA
Radeon HD 7310	128	2035	NA	NA
Radeon HD 7310 - Carte graphique	174	1950	NA	NA
Radeon HD 7310G	180	1941	NA	NA
Radeon HD 7310M	166	1961	NA	NA
Radeon HD 7340	153	1979	0.28	\$552.69*
Radeon HD 7340G	196	1926	NA	NA
Radeon HD 7340M	221	1895	NA	NA
Radeon HD 7350	165	1963	NA	NA
Radeon HD 7400G	267	1847	NA	NA
Radeon HD 7420G	308	1811	NA	NA
Radeon HD 7450	224	1889	4.50	\$49.99*
Radeon HD 7450A	288	1827	NA	NA
Radeon HD 7450M	329	1793	NA	NA
Radeon HD 7470	289	1826	3.55	\$81.37*
Radeon HD 7470M	407	1723	NA	NA
Radeon HD 7480D	279	1838	NA	NA
Radeon HD 7500G	307	1812	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1477	NA	NA
Radeon HD 7500G + 7550M Dual	497	1631	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1768	NA	NA
Radeon HD 7520G	316	1806	NA	NA
Radeon HD 7520G + 7400M Dual	486	1641	NA	NA
Radeon HD 7520G + 7470M Dual	542	1579	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1524	NA	NA
Radeon HD 7520G + 7600M Dual	591	1509	NA	NA
Radeon HD 7520G + 7610M Dual	588	1515	NA	NA
Radeon HD 7520G + 7650M Dual	453	1687	NA	NA
Radeon HD 7520G + 7670M Dual	523	1603	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1109	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1810	NA	NA
Radeon HD 7520G + 8750M Dual	376	1748	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1575	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1253	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1692	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1633	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1532	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1468	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1429	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600	574	1534	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1762	NA	NA
Radeon HD 7540D	332	1789	NA	NA
Radeon HD 7540D + 6570 Dual	719	1366	NA	NA
Radeon HD 7540D + 7500 Dual	821	1267	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1439	NA	NA
Radeon HD 7550M	464	1668	NA	NA
Radeon HD 7550M/7650M	728	1356	NA	NA
Radeon HD 7560D	458	1680	NA	NA
Radeon HD 7560D + 6450 Dual	568	1542	NA	NA
Radeon HD 7560D + 6570 Dual	833	1252	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1076	NA	NA
Radeon HD 7560D + 7560D Dual	982	1151	NA	NA
Radeon HD 7560D + 7570 Dual	985	1148	NA	NA
Radeon HD 7560D + 7670 Dual	1426	981	NA	NA
Radeon HD 7560D + 7700 Dual	1919	808	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1034	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	932	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1588	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	1026	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	991	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	1000	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1180	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1549	NA	NA
Radeon HD 7570	612	1483	5.98	\$102.49*
Radeon HD 7570M	426	1706	NA	NA
Radeon HD 7570M/HD 7670M	699	1387	NA	NA
Radeon HD 7580D	350	1773	NA	NA
Radeon HD 7600G	327	1796	NA	NA
Radeon HD 7600G + 6400M Dual	376	1749	NA	NA
Radeon HD 7600G + 7450M Dual	389	1736	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1725	NA	NA
Radeon HD 7600G + 7550M Dual	423	1710	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	333	1788	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1794	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1651	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1615	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1577	NA	NA
Radeon HD 7600G + HD Dual	435	1700	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1598	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600M + 7600M Dual	773	1308	NA	NA
Radeon HD 7610M	632	1456	NA	NA
Radeon HD 7620G	363	1763	NA	NA
Radeon HD 7620G + 8600M Dual	508	1616	NA	NA
Radeon HD 7620G + 8670M Dual	577	1528	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1696	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1618	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1689	NA	NA
Radeon HD 7640G	459	1678	NA	NA
Radeon HD 7640G + 6400M Dual	526	1597	NA	NA
Radeon HD 7640G + 7400M Dual	637	1445	NA	NA
Radeon HD 7640G + 7450M Dual	754	1327	NA	NA
Radeon HD 7640G + 7470M Dual	595	1505	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1465	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1304	NA	NA
Radeon HD 7640G + 7600M Dual	705	1381	NA	NA
Radeon HD 7640G + 7610M Dual	510	1614	NA	NA
Radeon HD 7640G + 7650M Dual	747	1334	NA	NA
Radeon HD 7640G + 7670M Dual	644	1438	NA	NA
Radeon HD 7640G + 7690M Dual	945	1174	NA	NA
Radeon HD 7640G + 7700M Dual	690	1392	NA	NA
Radeon HD 7640G + 8500M Dual	585	1520	NA	NA
Radeon HD 7640G + 8570M Dual	558	1555	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1396	NA	NA
Radeon HD 7640G + 8600M Dual	249	1868	NA	NA
Radeon HD 7640G + 8670M Dual	558	1554	NA	NA
Radeon HD 7640G + 8750M Dual	654	1423	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1470	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1709	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1383	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1724	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1608	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1513	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1457	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1489	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1413	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1657	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1518	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1404	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1141	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + R5 M200 Dual	559	1552	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1262	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1402	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1712	NA	NA
Radeon HD 7650A	569	1540	2.17	\$262.00*
Radeon HD 7650M	437	1699	NA	NA
Radeon HD 7660D	503	1624	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1087	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1033	NA	NA
Radeon HD 7660D + 7470 Dual	465	1666	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1080	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1048	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1108	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	961	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1452	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1781	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	794	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1602	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1178	NA	NA
Radeon HD 7660G	476	1654	NA	NA
Radeon HD 7660G + 7400M Dual	588	1516	NA	NA
Radeon HD 7660G + 7470M Dual	630	1458	NA	NA
Radeon HD 7660G + 7600M Dual	831	1256	NA	NA
Radeon HD 7660G + 7610M Dual	745	1338	NA	NA
Radeon HD 7660G + 7670M Dual	743	1342	NA	NA
Radeon HD 7660G + 7700M Dual	757	1325	NA	NA
Radeon HD 7660G + 7730M Dual	931	1185	NA	NA
Radeon HD 7660G + 8600M Dual	445	1693	NA	NA
Radeon HD 7660G + 8670M Dual	587	1517	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1137	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1322	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1140	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1543	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1675	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1378	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1303	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1220	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1323	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1335	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1764	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + HD 8670M Dual	711	1374	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1360	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1382	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1162	NA	NA
Radeon HD 7670	805	1277	NA	NA
Radeon HD 7670A	1050	1113	NA	NA
Radeon HD 7670M	472	1660	0.75	\$629.99*
Radeon HD 7670M + 7670M Dual	738	1347	NA	NA
Radeon HD 7690M	909	1202	NA	NA
Radeon HD 7690M XT	1009	1133	NA	NA
Radeon HD 7700-serie	1899	814	NA	NA
Radeon HD 7730	1208	1043	5.19	\$232.70*
Radeon HD 7730M	774	1305	NA	NA
Radeon HD 7750	1700	874	13.97	\$121.74
Radeon HD 7750M	1191	1052	NA	NA
Radeon HD 7770	2172	735	7.24	\$300.00*
Radeon HD 7790	3090	576	22.07	\$139.99*
Radeon HD 7800-serie	4029	473	NA	NA
Radeon HD 7850	3866	484	22.09	\$174.99
Radeon HD 7850M	1372	993	NA	NA
Radeon HD 7870	4636	433	26.34	\$176.00*
Radeon HD 7870 XT	4469	443	NA	NA
Radeon HD 7870M	1507	951	NA	NA
Radeon HD 7950 / R9 280	4764	427	19.78	\$240.83*
Radeon HD 7970 / R9 280X	5247	383	21.25	\$246.99*
Radeon HD 7970M	3559	514	NA	NA
Radeon HD 7990	5565	358	13.91	\$399.99*
Radeon HD 8180	138	2011	NA	NA
Radeon HD 8210	189	1934	NA	NA
Radeon HD 8210E	193	1929	NA	NA
Radeon HD 8240	246	1871	NA	NA
Radeon HD 8250	212	1909	NA	NA
Radeon HD 8280	260	1853	NA	NA
Radeon HD 8280E	256	1860	NA	NA
Radeon HD 8280G	269	1845	NA	NA
Radeon HD 8310E	340	1780	NA	NA
Radeon HD 8330	264	1850	NA	NA
Radeon HD 8330E	259	1856	NA	NA
Radeon HD 8350	162	1966	1.63	\$99.81*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8350G	304	1815	NA	NA
Radeon HD 8370D	311	1809	NA	NA
Radeon HD 8400	265	1849	NA	NA
Radeon HD 8400E	275	1842	NA	NA
Radeon HD 8410G	435	1701	NA	NA
Radeon HD 8450G	341	1776	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1106	NA	NA
Radeon HD 8450G + 8600M Dual	545	1573	NA	NA
Radeon HD 8450G + 8670M Dual	474	1656	NA	NA
Radeon HD 8450G + 8750M Dual	637	1446	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1688	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1650	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1623	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1526	NA	NA
Radeon HD 8470	250	1866	NA	NA
Radeon HD 8470D	373	1755	NA	NA
Radeon HD 8470D + 6450 Dual	717	1370	NA	NA
Radeon HD 8470D + 6570 Dual	837	1246	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1232	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	972	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	936	NA	NA
Radeon HD 8490	263	1852	2.93	\$89.99*
Radeon HD 8500M	420	1713	NA	NA
Radeon HD 8500M/8700M	852	1240	NA	NA
Radeon HD 8510G	357	1767	NA	NA
Radeon HD 8510G + 8500M Dual	596	1503	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1459	NA	NA
Radeon HD 8550D	566	1546	NA	NA
Radeon HD 8550G	411	1719	NA	NA
Radeon HD 8550G + 7600M Dual	901	1206	NA	NA
Radeon HD 8550G + 8500M Dual	602	1495	NA	NA
Radeon HD 8550G + 8570M Dual	532	1591	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1280	NA	NA
Radeon HD 8550G + 8600M Dual	617	1476	NA	NA
Radeon HD 8550G + 8670M Dual	579	1525	NA	NA
Radeon HD 8550G + 8690M Dual	664	1416	NA	NA
Radeon HD 8550G + 8750M Dual	795	1288	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1568	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1553	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1595	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1424	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 8600M Dual	593	1507	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1571	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1269	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1473	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1638	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1485	NA	NA
Radeon HD 8570	942	1177	9.55	\$98.68*
Radeon HD 8570 + 8670D Dual	620	1471	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1169	NA	NA
Radeon HD 8570D	431	1704	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1032	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1119	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1229	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	1025	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1328	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	840	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1782	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1122	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1753	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1662	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1139	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1164	NA	NA
Radeon HD 8570M	441	1697	NA	NA
Radeon HD 8600/8700M	1029	1123	NA	NA
Radeon HD 8610G	415	1716	NA	NA
Radeon HD 8610G + 8500M Dual	610	1487	NA	NA
Radeon HD 8610G + 8600M Dual	588	1514	NA	NA
Radeon HD 8610G + 8670M Dual	599	1497	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1437	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1643	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1527	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1407	NA	NA
Radeon HD 8650D	396	1732	NA	NA
Radeon HD 8650G	524	1601	NA	NA
Radeon HD 8650G + 7600M Dual	741	1344	NA	NA
Radeon HD 8650G + 7670M Dual	883	1219	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1077	NA	NA
Radeon HD 8650G + 8500M Dual	626	1466	NA	NA
Radeon HD 8650G + 8570M Dual	654	1425	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1254	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8600M Dual	613	1482	NA	NA
Radeon HD 8650G + 8670M Dual	635	1449	NA	NA
Radeon HD 8650G + 8750M Dual	786	1291	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1268	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1451	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1372	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1319	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1490	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1324	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1522	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1428	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1281	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1361	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1398	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1309	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1287	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1401	NA	NA
Radeon HD 8670D	533	1590	NA	NA
Radeon HD 8670D + 6670 Dual	1361	996	NA	NA
Radeon HD 8670D + 7000 Dual	811	1274	NA	NA
Radeon HD 8670D + 7700 Dual	1788	851	NA	NA
Radeon HD 8670D + 8570 Dual	974	1157	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	1039	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1368	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	1006	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	819	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1247	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1337	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1168	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1128	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1637	NA	NA
Radeon HD 8670M	520	1607	NA	NA
Radeon HD 8690A	501	1625	NA	NA
Radeon HD 8690M	984	1150	NA	NA
Radeon HD 8730M	781	1296	NA	NA
Radeon HD 8750M	1005	1136	NA	NA
Radeon HD 8790M	1305	1012	NA	NA
Radeon HD 8790M / R9 M290X	1210	1042	NA	NA
Radeon HD 8850M	973	1158	NA	NA
Radeon HD 8850M / R9 M265X	1139	1073	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8870M	1638	896	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	849	NA	NA
Radeon HD 8950	2784	607	NA	NA
Radeon HD 8970M	3876	482	27.69	\$139.99*
Radeon HD 8990	5214	389	NA	NA
Radeon HD HD7850M	1651	888	NA	NA
Radeon HD4650	239	1874	1.57	\$152.90*
Radeon HD4670	365	1760	NA	NA
RADEON HD6370D	320	1802	NA	NA
RADEON HD6410D	422	1711	NA	NA
RADEON HD6530D	531	1594	NA	NA
RADEON HD7450	199	1922	8.95	\$22.25*
Radeon HD8530M	490	1636	NA	NA
Radeon HD8970M	3368	538	NA	NA
Radeon HDG 4670	170	1953	NA	NA
RADEON IGP 320	3	2526	NA	NA
Radeon IGP 320M	3	2533	NA	NA
Radeon IGP 340M	2	2571	NA	NA
RADEON IGP 345M	2	2559	NA	NA
RADEON IGP 34xM	1	2583	NA	NA
RADEON IGP 350M	6	2465	NA	NA
Radeon Infoshock 3000	106	2104	NA	NA
Radeon Instinct MI25 MxGPU	4978	412	NA	NA
Radeon M535DX	749	1332	NA	NA
Radeon Pro	2407	676	0.67	\$3,599.00
Radeon Pro 450	2722	617	NA	NA
Radeon Pro 455	3112	573	6.93	\$449.00*
Radeon Pro 460	3452	529	NA	NA
Radeon Pro 465	4537	439	NA	NA
Radeon Pro 5300	7143	294	NA	NA
Radeon Pro 5300M	5959	339	NA	NA
Radeon Pro 5500 XT	8375	251	NA	NA
Radeon Pro 5500M	6774	306	NA	NA
Radeon Pro 555	3140	571	2.99	\$1,049.00*
Radeon Pro 560	3475	525	NA	NA
Radeon Pro 5600M	9232	230	NA	NA
Radeon Pro 560X	3677	500	NA	NA
Radeon Pro 570	6336	322	NA	NA
Radeon Pro 5700	11844	175	NA	NA
Radeon Pro 5700 XT	12613	157	NA	NA
Radeon Pro 580	7753	273	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 580X	7540	284	NA	NA
Radeon Pro Duo	8164	257	2.06	\$3,970.36*
Radeon PRO Ryzen 5 PRO 6650U	4066	470	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5714	350	NA	NA
Radeon Pro SSG	10971	192	4.55	\$2,410.15*
Radeon Pro V340 MxGPU	2853	595	NA	NA
Radeon Pro V520 MxGPU	12257	168	NA	NA
Radeon Pro Vega 16	4809	422	NA	NA
Radeon Pro Vega 20	5299	379	NA	NA
Radeon Pro Vega 48	11299	188	NA	NA
Radeon Pro Vega 56	12353	164	NA	NA
Radeon Pro Vega 64	12920	151	NA	NA
Radeon Pro Vega 64X	13708	133	NA	NA
Radeon Pro Vega II	15596	97	NA	NA
Radeon Pro Vega II Duo	14018	126	NA	NA
Radeon Pro VII	12838	153	NA	NA
Radeon Pro W5500	9118	232	22.24	\$409.99*
Radeon Pro W5500M	3469	526	NA	NA
Radeon Pro W5500X	7350	289	NA	NA
Radeon Pro W5700	15038	111	23.14	\$649.99*
Radeon PRO W6300	5559	362	NA	NA
Radeon PRO W6400	8081	261	NA	NA
Radeon PRO W6600	15596	98	NA	NA
Radeon PRO W6600M	9521	222	NA	NA
Radeon PRO W6600X	13113	147	NA	NA
Radeon PRO W6800	19791	54	10.70	\$1,849.99*
Radeon PRO W7500	14497	117	NA	NA
Radeon PRO W7600	14226	123	NA	NA
Radeon PRO W7700	19227	63	NA	NA
Radeon PRO W7800	28601	14	NA	NA
Radeon PRO W7900	29470	12	NA	NA
Radeon Pro WX 2100	1837	837	NA	NA
Radeon Pro WX 3100	2543	652	NA	NA
Radeon Pro WX 3200	2414	673	15.25	\$158.35*
Radeon Pro WX 4100	3647	505	7.30	\$499.99*
Radeon Pro WX 4130	2168	736	NA	NA
Radeon Pro WX 4150	2615	635	4.29	\$610.04*
Radeon Pro WX 4170	1409	986	NA	NA
Radeon Pro WX 5100	5560	361	15.45	\$359.99*
Radeon Pro WX 7100	7869	269	7.51	\$1,047.99*
Radeon Pro WX 7130	6715	310	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 8200	13526	139	8.46	\$1,599.39*
Radeon Pro WX 9100	12470	161	NA	NA
Radeon Pro WX Vega M GL	4643	432	NA	NA
Radeon R1E	301	1816	NA	NA
Radeon R2	247	1869	NA	NA
Radeon R2E	212	1908	NA	NA
Radeon R3	305	1814	NA	NA
Radeon R3E	224	1890	NA	NA
Radeon R4	335	1785	0.85	\$396.99*
Radeon R4E	487	1640	NA	NA
Radeon R5 220	147	1987	1.74	\$85.26*
Radeon R5 230	221	1894	2.74	\$81.10*
Radeon R5 235	336	1784	5.59	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	1341	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1348	NA	NA
Radeon R5 235X	277	1840	NA	NA
Radeon R5 240	544	1576	6.40	\$85.00*
Radeon R5 310	331	1790	0.66	\$499.00*
Radeon R5 330	520	1606	1.53	\$339.99*
Radeon R5 340	935	1181	NA	NA
Radeon R5 420	574	1533	14.39	\$39.95*
Radeon R5 430	914	1195	15.50	\$59.00*
Radeon R5 435	850	1241	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1474	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	699	1385	NA	NA
Radeon R5 A10-9620P 4C+6G	731	1354	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	665	1414	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1154	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	734	1352	NA	NA
Radeon R5 A240	576	1530	NA	NA
Radeon R5 A6-7480	698	1388	NA	NA
Radeon R5 A6-8500P	586	1519	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1492	NA	NA
Radeon R5 A6-9500 2C+6G	853	1238	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	928	1187	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1130	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	726	1359	NA	NA
Radeon R5 M230	414	1717	NA	NA
Radeon R5 M240	449	1690	NA	NA
Radeon R5 M255	536	1586	NA	NA
Radeon R5 M315	473	1658	NA	NA
Radeon R5 M320	454	1685	NA	NA
Radeon R5 M330	595	1504	NA	NA
Radeon R5 M335	548	1567	NA	NA
Radeon R5 M420	486	1642	NA	NA
Radeon R5 M430	648	1433	NA	NA
Radeon R5 M435	804	1278	NA	NA
Radeon R5 Opteron X3216	394	1734	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1389	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	612	1484	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1617	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1648	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1395	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1244	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1149	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1444	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	689	1393	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1090	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	793	1290	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1390	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1721	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1313	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1419	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	553	1563	NA	NA
Radeon R5E	300	1817	NA	NA
Radeon R6	618	1475	NA	NA
Radeon R6 + R7 M265DX Dual	570	1539	NA	NA
Radeon R6 A10-8700P	541	1581	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1160	NA	NA
Radeon R6 A8-8600P	474	1655	NA	NA
Radeon R6 M255DX	605	1491	NA	NA
Radeon R6 Opteron X3418	955	1166	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1585	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	539	1582	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 PRO A8-8600B 4C+6G	531	1593	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1510	NA	NA
Radeon R7 + HD 7700 Dual	1962	793	NA	NA
Radeon R7 + R5 330 Dual	1028	1124	NA	NA
Radeon R7 + R5 340 Dual	1234	1035	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1218	NA	NA
Radeon R7 + R5 Dual	897	1211	NA	NA
Radeon R7 + R7 200 Dual	1077	1104	NA	NA
Radeon R7 + R7 240 Dual	1045	1115	NA	NA
Radeon R7 + R7 250 Dual	1232	1036	NA	NA
Radeon R7 + R7 350 Dual	1982	788	NA	NA
Radeon R7 +8G	1190	1053	NA	NA
Radeon R7 240	899	1210	10.63	\$84.56*
Radeon R7 240 + HD 8570D Dual	917	1193	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1186	NA	NA
Radeon R7 250	1058	1111	10.59	\$99.99*
Radeon R7 250X	2268	716	11.70	\$194.00*
Radeon R7 260	2891	591	32.13	\$89.99*
Radeon R7 260X	3190	562	22.79	\$139.99*
Radeon R7 340	1000	1138	NA	NA
Radeon R7 360	3105	575	21.27	\$145.99*
Radeon R7 370	4508	441	NA	NA
Radeon R7 430	1092	1092	7.25	\$150.58*
Radeon R7 450	1923	806	6.43	\$299.00*
Radeon R7 7850A10-7850K	551	1564	NA	NA
Radeon R7 A10 Extreme Edition	816	1271	NA	NA
Radeon R7 A10 PRO-7800B	780	1298	NA	NA
Radeon R7 A10 PRO-7850B	822	1264	NA	NA
Radeon R7 A10-7700K	778	1300	NA	NA
Radeon R7 A10-7800	716	1371	NA	NA
Radeon R7 A10-7850K	961	1165	NA	NA
Radeon R7 A10-7860K	927	1188	NA	NA
Radeon R7 A10-7870K	1111	1082	NA	NA
Radeon R7 A10-7890K	975	1156	NA	NA
Radeon R7 A10-8750	856	1235	NA	NA
Radeon R7 A10-8850	773	1311	NA	NA
Radeon R7 A10-9700 RADEON	925	1190	NA	NA
Radeon R7 A10-9700E RADEON	899	1209	NA	NA
Radeon R7 A12-9700P RADEON	730	1355	1.68	\$435.92*
Radeon R7 A12-9720P RADEON	734	1351	2.01	\$365.48*
Radeon R7 A12-9730P RADEON	1026	1126	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A12-9800 RADEON	1081	1098	NA	NA
Radeon R7 A12-9800E RADEON	913	1196	6.56	\$139.19*
Radeon R7 A265	993	1144	NA	NA
Radeon R7 A360	607	1488	NA	NA
Radeon R7 A365	781	1297	NA	NA
Radeon R7 A370	1281	1019	NA	NA
Radeon R7 A8 PRO-7600B	666	1411	NA	NA
Radeon R7 A8-7500	875	1223	NA	NA
Radeon R7 A8-7500 4C+6G	853	1239	NA	NA
Radeon R7 A8-7600	785	1292	NA	NA
Radeon R7 A8-7650K	745	1339	NA	NA
Radeon R7 A8-7670K	848	1243	NA	NA
Radeon R7 A8-7680	826	1260	NA	NA
Radeon R7 A8-8650	912	1197	NA	NA
Radeon R7 A8-9600 RADEON	822	1266	NA	NA
Radeon R7 FX-8800P	829	1258	NA	NA
Radeon R7 FX-9800P RADEON	706	1380	1.33	\$530.00*
Radeon R7 FX-9830P RADEON	1464	967	NA	NA
Radeon R7 G	869	1227	NA	NA
Radeon R7 M260	499	1627	0.62	\$799.00*
Radeon R7 M260DX	816	1270	NA	NA
Radeon R7 M260X	986	1147	NA	NA
Radeon R7 M265	545	1572	NA	NA
Radeon R7 M265DX	498	1628	NA	NA
Radeon R7 M270	766	1318	NA	NA
Radeon R7 M340	655	1422	NA	NA
Radeon R7 M350	1166	1061	NA	NA
Radeon R7 M360	572	1537	NA	NA
Radeon R7 M365X	750	1330	NA	NA
Radeon R7 M370	1417	984	NA	NA
Radeon R7 M380	1668	883	NA	NA
Radeon R7 M440	896	1212	NA	NA
Radeon R7 M445	943	1176	1.27	\$744.00*
Radeon R7 M460	1073	1105	NA	NA
Radeon R7 M465	1143	1071	NA	NA
Radeon R7 M465X	1780	854	NA	NA
Radeon R7 Opteron X3421	1168	1060	NA	NA
Radeon R7 PRO A10-8750B	767	1317	NA	NA
Radeon R7 PRO A10-8770	917	1194	NA	NA
Radeon R7 PRO A10-8770E	825	1261	NA	NA
Radeon R7 PRO A10-8850B	945	1175	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-9700	798	1283	NA	NA
Radeon R7 PRO A10-9700B	628	1460	NA	NA
Radeon R7 PRO A10-9700E	970	1159	1.84	\$529.00*
Radeon R7 PRO A12-8800B	597	1500	NA	NA
Radeon R7 PRO A12-8830B	632	1455	NA	NA
Radeon R7 PRO A12-8870	904	1205	NA	NA
Radeon R7 PRO A12-8870E	905	1204	NA	NA
Radeon R7 PRO A12-9800	877	1221	NA	NA
Radeon R7 PRO A12-9800B	702	1384	NA	NA
Radeon R7 PRO A12-9800E	954	1167	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1295	NA	NA
Radeon R7 PRO A8-8650B	718	1367	NA	NA
Radeon R7 PRO A8-8670E	1309	1008	NA	NA
Radeon R7 PRO A8-9600	893	1215	NA	NA
Radeon R7E	564	1548	NA	NA
Radeon R8 M365DX	647	1434	NA	NA
Radeon R8 M445DX	796	1286	NA	NA
Radeon R8 M535DX	670	1409	NA	NA
Radeon R9 255	1420	983	4.13	\$344.16*
Radeon R9 260	3181	564	NA	NA
Radeon R9 270	4306	455	NA	NA
Radeon R9 270 / R7 370	4259	458	19.98	\$213.16*
Radeon R9 270X	4870	416	14.92	\$326.50*
Radeon R9 280	5557	363	NA	NA
Radeon R9 280X	6172	328	NA	NA
Radeon R9 285 / 380	5549	364	11.44	\$485.00*
Radeon R9 290	8292	254	NA	NA
Radeon R9 290 / 390	8150	259	21.45	\$380.00*
Radeon R9 290X	8622	245	NA	NA
Radeon R9 290X / 390X	8389	250	26.22	\$319.99*
Radeon R9 295X2	8608	246	17.25	\$499.10*
Radeon R9 350	2002	777	6.70	\$299.00*
Radeon R9 360	3031	579	22.64	\$133.89*
Radeon R9 370	4722	428	29.51	\$159.99*
Radeon R9 380	6134	332	68.17	\$89.99*
Radeon R9 380X	6187	326	17.68	\$349.99*
Radeon R9 390	8909	238	NA	NA
Radeon R9 390X	9416	224	NA	NA
Radeon R9 Fury	9593	217	21.65	\$443.10*
Radeon R9 Fury + Fury X	9741	214	21.65	\$449.99*
Radeon R9 Fury X	9580	218	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M265X	1140	1072	NA	NA
Radeon R9 M270X	1204	1049	NA	NA
Radeon R9 M275	1114	1081	1.59	\$699.99*
Radeon R9 M275X	1615	908	NA	NA
Radeon R9 M275X / M375	1574	925	NA	NA
Radeon R9 M280X	813	1273	NA	NA
Radeon R9 M290X	3256	552	NA	NA
Radeon R9 M295X	5150	396	3.55	\$1,449.00*
Radeon R9 M360	1811	847	NA	NA
Radeon R9 M365X	1481	964	NA	NA
Radeon R9 M370X	1554	933	1.75	\$889.00*
Radeon R9 M375	969	1161	NA	NA
Radeon R9 M375X	1807	848	NA	NA
Radeon R9 M380	2773	609	NA	NA
Radeon R9 M385	2060	761	NA	NA
Radeon R9 M385X	1993	780	NA	NA
Radeon R9 M390X	3597	511	NA	NA
Radeon R9 M395	4911	414	NA	NA
Radeon R9 M395X	5194	391	NA	NA
Radeon R9 M470	2330	697	NA	NA
Radeon R9 M470X	3244	555	NA	NA
Radeon R9 M485X	3660	504	NA	NA
Radeon RX 460	4101	468	24.59	\$166.81*
Radeon RX 470/570	8001	265	20.57	\$388.99*
Radeon RX 480	8623	244	25.36	\$339.99*
Radeon RX 5300	7579	281	NA	NA
Radeon RX 5300M	4307	454	NA	NA
Radeon RX 540	1896	817	NA	NA
Radeon RX 550	2735	615	14.99	\$182.49
Radeon RX 5500	8792	241	NA	NA
Radeon RX 5500 XT	9137	231	50.40	\$181.29*
Radeon RX 5500M	5563	360	NA	NA
Radeon RX 550X	2291	706	NA	NA
Radeon RX 560	3645	506	20.26	\$179.89
Radeon RX 5600	11489	182	NA	NA
Radeon RX 5600 OEM	12137	171	NA	NA
Radeon RX 5600 XT	13621	137	24.99	\$545.00*
Radeon RX 5600M	8795	240	NA	NA
Radeon RX 560X	3196	561	NA	NA
Radeon RX 5700	14447	118	46.61	\$309.99*
Radeon RX 5700 XT	16568	85	36.43	\$454.83

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5700 XT 50th Anniversary	16568	86	NA	NA
Radeon RX 570X	1923	807	12.57	\$153.01*
Radeon RX 580	8855	239	49.20	\$179.99*
Radeon RX 580 2048SP	7698	275	NA	NA
Radeon RX 580X	7798	271	NA	NA
Radeon RX 590	9390	227	17.07	\$549.99*
Radeon RX 6300	5418	371	NA	NA
Radeon RX 640	1983	787	NA	NA
Radeon RX 6400	7584	279	47.70	\$159.00
Radeon RX 6500	7723	274	NA	NA
Radeon RX 6500 XT	9569	219	56.62	\$169.00
Radeon RX 6500M	7773	272	NA	NA
Radeon RX 6550M	9603	216	NA	NA
Radeon RX 6600	15155	107	75.78	\$199.99
Radeon RX 6600 XT	16509	89	33.08	\$499.00
Radeon RX 6600M	13766	130	68.84	\$199.99*
Radeon RX 6600S	13678	135	NA	NA
Radeon RX 6650 XT	17211	79	81.96	\$209.99
Radeon RX 6650M	15074	110	NA	NA
Radeon RX 6650M XT	17070	81	NA	NA
Radeon RX 6700	19319	60	NA	NA
Radeon RX 6700 XT	19873	52	25.76	\$771.42
Radeon RX 6700M	13587	138	50.33	\$269.99*
Radeon RX 6700S	14962	112	49.88	\$299.99
Radeon RX 6750 GRE 10GB	18613	70	NA	NA
Radeon RX 6750 GRE 12GB	19296	61	NA	NA
Radeon RX 6750 XT	20802	48	69.34	\$299.99
Radeon RX 6800	22203	41	62.36	\$356.03
Radeon RX 6800 XT	25034	27	28.35	\$882.96*
Radeon RX 6800M	13263	143	NA	NA
Radeon RX 6800S	15407	101	NA	NA
Radeon RX 6850M	12274	167	NA	NA
Radeon RX 6850M XT	17473	76	NA	NA
Radeon RX 6900 XT	26790	21	17.75	\$1,509.67
Radeon RX 6950 XT	28158	15	28.16	\$999.99*
Radeon RX 7600	16528	87	64.82	\$254.99
Radeon RX 7600 XT	17197	80	54.60	\$314.99
Radeon RX 7600M XT	13184	146	NA	NA
Radeon RX 7600S	14585	116	NA	NA
Radeon RX 7700 XT	22358	39	56.56	\$395.28
Radeon RX 7700S	15107	109	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 7800 XT	24253	29	49.60	\$489.00
Radeon RX 7900 GRE	26683	24	49.42	\$539.99
Radeon RX 7900 XT	28845	13	43.05	\$669.99
Radeon RX 7900 XTX	31038	8	36.52	\$849.99
Radeon RX 7900M	22365	38	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	701	NA	NA
Radeon RX Vega 10	1635	897	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1504	952	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1840	834	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1495	956	NA	NA
Radeon RX Vega 11	2113	747	2.11	\$1,002.00*
Radeon RX Vega 11 PRD	2401	677	NA	NA
Radeon RX Vega 11 Processor	1861	828	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1854	829	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2183	733	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2068	759	NA	NA
Radeon RX Vega 56	13227	144	17.57	\$752.99*
Radeon RX Vega 6 Ryzen 3 3200U	906	1203	NA	NA
Radeon RX Vega 64	14299	122	19.07	\$749.99*
Radeon RX Vega 8	1501	954	NA	NA
Radeon RX Vega M GH	6584	316	NA	NA
Radeon RX Vega M GL	3790	489	NA	NA
Radeon RX Vega Ryzen 3 5300U	2334	696	NA	NA
Radeon RX Vega11	1605	912	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1674	880	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	987	NA	NA
Radeon RX590 GME	8574	248	NA	NA
Radeon Ryzen 3 3250U	784	1293	NA	NA
Radeon Ryzen 3 5300U	1592	916	NA	NA
Radeon Ryzen 3 5425U	1556	931	NA	NA
Radeon Ryzen 3 7330U	1648	891	NA	NA
Radeon Ryzen 3 7335U	2125	743	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	978	NA	NA
Radeon Ryzen 3 PRO 5450U	1777	856	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	938	NA	NA
Radeon Ryzen 3 PRO 7330U	1854	830	NA	NA
Radeon Ryzen 3 PRO 7335U	2034	769	NA	NA
Radeon Ryzen 5 3450U	1124	1079	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1896	816	NA	NA
Radeon Ryzen 5 5500GT	2649	630	NA	NA
Radeon Ryzen 5 5500U	2086	754	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 5560U	2041	768	NA	NA
Radeon Ryzen 5 5600GE	2572	646	NA	NA
Radeon Ryzen 5 5600GT	2618	633	NA	NA
Radeon Ryzen 5 5600H	2394	679	NA	NA
Radeon Ryzen 5 5600U	2110	749	NA	NA
Radeon Ryzen 5 5625U	2142	740	NA	NA
Radeon Ryzen 5 6600H	3700	496	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3754	491	NA	NA
Radeon Ryzen 5 6600U	3381	535	NA	NA
Radeon Ryzen 5 7430U	2164	737	NA	NA
Radeon Ryzen 5 7530U	2224	725	NA	NA
Radeon Ryzen 5 7535HS	3531	516	NA	NA
Radeon Ryzen 5 7535U	3300	547	NA	NA
Radeon Ryzen 5 7600 6-Core	1833	842	NA	NA
Radeon Ryzen 5 7600X 6-Core	1730	866	NA	NA
Radeon Ryzen 5 7600X3D 6-Core	1934	801	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2080	755	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	682	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	688	NA	NA
Radeon Ryzen 5 PRO 5650G	2287	707	NA	NA
Radeon Ryzen 5 PRO 5650GE	2388	680	NA	NA
Radeon Ryzen 5 PRO 5675U	1938	800	NA	NA
Radeon Ryzen 5 PRO 6650U	3676	501	NA	NA
Radeon Ryzen 5 Pro 7535U	3284	548	NA	NA
Radeon Ryzen 5 PRO 7645 6-Core	1552	935	NA	NA
Radeon Ryzen 7 3700U	1345	1001	NA	NA
Radeon Ryzen 7 4700G	2613	636	NA	NA
Radeon Ryzen 7 4700GE	2610	638	NA	NA
Radeon Ryzen 7 4700U	2042	767	NA	NA
Radeon Ryzen 7 4800H	3490	523	NA	NA
Radeon Ryzen 7 4800HS	3597	510	NA	NA
Radeon Ryzen 7 4800U	2316	699	NA	NA
Radeon Ryzen 7 5700U	2308	703	NA	NA
Radeon Ryzen 7 5800H	2823	600	NA	NA
Radeon Ryzen 7 5800HS	2507	661	NA	NA
Radeon Ryzen 7 5800U	2410	675	NA	NA
Radeon Ryzen 7 5825U	2384	681	NA	NA
Radeon Ryzen 7 6800H	5442	369	NA	NA
Radeon Ryzen 7 6800HS	6180	327	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5460	368	NA	NA
Radeon Ryzen 7 6800U	4582	436	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 7700 8-Core	1686	877	NA	NA
Radeon Ryzen 7 7700X 8-Core	2134	742	NA	NA
Radeon Ryzen 7 7730U	2462	666	NA	NA
Radeon Ryzen 7 7735H	5190	392	NA	NA
Radeon Ryzen 7 7735HS	5314	378	NA	NA
Radeon Ryzen 7 7735U	5175	393	NA	NA
Radeon Ryzen 7 7736U	5791	345	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1739	863	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2283	708	NA	NA
Radeon Ryzen 7 PRO 4750G	2583	644	NA	NA
Radeon Ryzen 7 PRO 4750GE	2367	684	NA	NA
Radeon Ryzen 7 PRO 4750U	2048	766	NA	NA
Radeon Ryzen 7 PRO 5875U	1989	783	NA	NA
Radeon Ryzen 7 PRO 6850H	5681	352	NA	NA
Radeon Ryzen 7 PRO 6850HS	5043	407	NA	NA
Radeon Ryzen 7 PRO 6850U	5140	397	NA	NA
Radeon Ryzen 7 PRO 6860Z	4594	435	NA	NA
Radeon Ryzen 7 PRO 7730U	2313	700	NA	NA
Radeon Ryzen 7 Pro 7735U	4259	459	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1581	922	NA	NA
Radeon Ryzen 9 4900H	2668	628	NA	NA
Radeon Ryzen 9 5900H	2960	586	NA	NA
Radeon Ryzen 9 6900HS	7183	292	NA	NA
Radeon Ryzen 9 7900 12-Core	2218	728	NA	NA
Radeon Ryzen 9 7900X 12-Core	2532	655	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1697	875	NA	NA
Radeon Ryzen 9 7950X 16-Core	4004	474	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1641	894	NA	NA
Radeon Ryzen 9 PRO 6950H	5963	338	NA	NA
Radeon Ryzen 9 PRO 6950HS	4250	460	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1725	868	NA	NA
Radeon Ryzen Embedded R2514	1482	963	NA	NA
Radeon Ryzen Embedded R2544	1864	825	NA	NA
Radeon Ryzen Embedded V2516	1527	943	NA	NA
Radeon Ryzen Embedded V2718	1998	778	NA	NA
Radeon Ryzen Embedded V2748	1842	833	NA	NA
Radeon Sky 500	4709	429	NA	NA
Radeon TM	5705	351	NA	NA
Radeon TM R9 A360	2060	762	NA	NA
Radeon VE	2	2576	NA	NA
Radeon Vega 10	1564	928	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 10 Mobile	1516	947	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1653	887	NA	NA
Radeon Vega 11	1842	832	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2349	691	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1971	790	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1907	811	NA	NA
Radeon Vega 2	506	1621	NA	NA
Radeon Vega 2 Athlon Silver 3050U	542	1580	NA	NA
Radeon Vega 3	887	1217	0.33	\$2,677.99*
Radeon Vega 3 3020e	568	1541	NA	NA
Radeon Vega 3 Athlon 3000G	989	1146	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1117	NA	NA
Radeon Vega 3 Athlon 300U	861	1233	NA	NA
Radeon Vega 3 Athlon 320GE	677	1405	NA	NA
Radeon Vega 3 Athlon Gold 3150U	598	1499	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1182	NA	NA
Radeon Vega 3 Athlon Silver 3050e	500	1626	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1236	NA	NA
Radeon Vega 3 Mobile	1034	1120	NA	NA
Radeon Vega 3 Ryzen 3 3200U	849	1242	NA	NA
Radeon Vega 3 Ryzen 3 3250U	778	1301	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1766	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	736	1349	NA	NA
Radeon Vega 3 Ryzen Embedded R1606G	638	1443	NA	NA
Radeon Vega 6	1308	1010	0.73	\$1,799.99*
Radeon Vega 6 Ryzen 3 3300U	1297	1016	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1537	941	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1370	994	NA	NA
Radeon Vega 8	1583	920	12.48	\$126.86*
Radeon Vega 8 Mobile	1428	979	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1928	803	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1836	838	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1498	955	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1252	1027	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1394	988	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1680	879	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1486	959	NA	NA
Radeon Vega 9	1590	917	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1561	930	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1516	946	NA	NA
Radeon Vega Frontier Edition	13225	145	7.87	\$1,679.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon VII	16659	84	8.77	\$1,899.95*
Radeon X1050	49	2277	NA	NA
Radeon X1200	32	2357	NA	NA
Radeon X1250	37	2329	NA	NA
Radeon X1270	31	2362	NA	NA
Radeon X1300	58	2249	0.61	\$95.78*
Radeon X1300 PRO	84	2168	NA	NA
Radeon X1550	66	2230	0.43	\$155.00*
Radeon X1550 64-bit	47	2282	NA	NA
Radeon X1600	49	2275	NA	NA
Radeon X1600 Pro	98	2128	NA	NA
Radeon X1600 Pro / X1300XT	69	2218	NA	NA
Radeon X1600 XT	115	2075	NA	NA
Radeon X1650 GTO	74	2197	NA	NA
Radeon X1650 Pro	84	2165	0.53	\$160.89*
Radeon X1650 SE	71	2209	NA	NA
Radeon X1700 Targa Edition	116	2071	NA	NA
Radeon X1800 GTO	140	2002	NA	NA
Radeon X1900 CrossFire Edition	137	2015	NA	NA
Radeon X1900 GT	145	1993	NA	NA
Radeon X1950 CrossFire Edition	151	1980	NA	NA
Radeon X1950 GT	106	2105	NA	NA
Radeon X1950 Pro	112	2087	NA	NA
RADEON X300SE	38	2324	NA	NA
RADEON X550	50	2270	NA	NA
RADEON X550XT	56	2258	NA	NA
Radeon X550XTX	70	2210	NA	NA
RADEON X600 256MB HyperMemory	56	2257	NA	NA
RADEON X600 PRO	67	2226	0.42	\$160.49*
RADEON X600 SE	49	2278	0.87	\$56.18*
RADEON X600XT	91	2152	NA	NA
RADEON X700	72	2204	NA	NA
RADEON X700 PRO	75	2195	NA	NA
RADEON X700 SE	71	2208	NA	NA
RADEON X800 GT	84	2170	NA	NA
RADEON X800 GTO	114	2081	NA	NA
RADEON X800 PRO	64	2233	NA	NA
RADEON X800 PRO/GTO	73	2201	NA	NA
RADEON X800 SE	129	2032	NA	NA
RADEON X800 XL	69	2217	NA	NA
RADEON X800 XT	97	2135	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X800 XT Platinum Edition	81	2183	NA	NA
RADEON X800GT	79	2189	NA	NA
RADEON X850 PRO	72	2203	NA	NA
RADEON X850 XT	81	2185	NA	NA
RADEON X850 XT Platinum Edition	81	2177	NA	NA
Radeon Xpress 1100	34	2346	NA	NA
Radeon Xpress 1150	29	2367	NA	NA
Radeon Xpress 1200	35	2337	NA	NA
Radeon Xpress 1250	42	2301	NA	NA
Radeon Xpress 1270	26	2378	NA	NA
Radeon Xpress 1300	52	2262	NA	NA
Radeon Xpress 1300M	40	2312	NA	NA
RADEON XPRESS 200	29	2368	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2409	NA	NA
RADEON XPRESS 200M	22	2399	NA	NA
RadeonT 610M	1101	1086	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	471	NA	NA
RadeonT 680M Ryzen 7 7735HS	5650	354	NA	NA
RadeonT 780M	7102	295	NA	NA
RadeonT RX 6850M XT	13847	127	NA	NA
RadeonT RX Vega 11	1621	902	NA	NA
Rage 128 Pro	1	2585	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2587	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2548	NA	NA
RDPDD Chained DD	194	1927	NA	NA
Red Hat QXL controller	31	2360	NA	NA
RGH Drivers v3	11	2428	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2525	NA	NA
RIVA TNT2/TNT2 Pro	3	2537	NA	NA
RTX 1000 Ada Generation Laptop GPU	14118	125	NA	NA
RTX 2000 Ada Generation	17810	74	NA	NA
RTX 2000 Ada Generation Laptop GPU	15253	106	NA	NA
RTX 3000 Ada Generation Laptop GPU	16345	92	NA	NA
RTX 3500 Ada Generation Laptop GPU	18946	65	NA	NA
RTX 4000 Ada Generation	25028	28	NA	NA
RTX 4000 Ada Generation Laptop GPU	23017	32	NA	NA
RTX 4000 SFF Ada Generation	21055	47	NA	NA
RTX 4500 Ada Generation	29817	10	NA	NA
RTX 500 Ada Generation Laptop GPU	11303	187	NA	NA
RTX 5000 Ada Generation	27999	16	NA	NA
RTX 5000 Ada Generation Laptop GPU	23992	30	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX 5880 Ada Generation	34568	4	NA	NA
RTX 6000 Ada Generation	27821	17	NA	NA
RTX A1000	11061	191	NA	NA
RTX A1000 6GB Laptop GPU	10126	207	NA	NA
RTX A1000 Embedded GPU	11368	185	NA	NA
RTX A1000 Laptop GPU	9533	220	NA	NA
RTX A2000	13725	132	31.60	\$434.33*
RTX A2000 12GB	13682	134	NA	NA
RTX A2000 8GB Laptop GPU	10944	193	NA	NA
RTX A2000 Laptop GPU	9934	210	NA	NA
RTX A3000 12GB Laptop GPU	14352	121	NA	NA
RTX A3000 Laptop GPU	12490	160	NA	NA
RTX A400	4162	463	NA	NA
RTX A4000	19424	59	25.90	\$749.99*
RTX A4000 Laptop GPU	15353	104	NA	NA
RTX A4500	21654	45	13.97	\$1,549.99
RTX A4500 Embedded GPU	10916	194	NA	NA
RTX A4500 Laptop GPU	17451	77	NA	NA
RTX A500 Laptop GPU	6769	307	NA	NA
RTX A5000	22860	34	10.25	\$2,229.99*
RTX A5000 Laptop GPU	16066	94	NA	NA
RTX A5500	22282	40	10.27	\$2,169.99*
RTX A5500 Laptop GPU	17350	78	NA	NA
RTX A6000	22600	36	5.50	\$4,109.99*
RV530 PRO	118	2064	NA	NA
Ryzen 3 4300G with Radeon Graphics	2059	764	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2271	711	NA	NA
Ryzen 3 4300U with Radeon Graphics	1358	997	NA	NA
Ryzen 3 5300G with Radeon Graphics	1945	798	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1917	809	NA	NA
Ryzen 3 5300U with Radeon Graphics	1527	942	NA	NA
Ryzen 3 5400U with Radeon Graphics	1588	918	NA	NA
Ryzen 3 5425U with Radeon Graphics	1667	884	NA	NA
Ryzen 3 7330U with Radeon Graphics	1649	889	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	861	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	937	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2124	744	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1895	818	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1538	940	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2323	698	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1785	853	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 5450U with Radeon Graphics	1601	914	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	977	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	786	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	953	NA	NA
Ryzen 5 4500U with Radeon Graphics	1818	844	NA	NA
Ryzen 5 4600G with Radeon Graphics	2368	683	NA	NA
Ryzen 5 4600H with Radeon Graphics	2191	731	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	252	NA	NA
Ryzen 5 4600U with Radeon Graphics	1898	815	NA	NA
Ryzen 5 5500U with Radeon Graphics	1991	781	NA	NA
Ryzen 5 5560U with Radeon Graphics	2073	757	NA	NA
Ryzen 5 5600G with Radeon Graphics	2581	645	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	640	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2006	775	NA	NA
Ryzen 5 5600H with Radeon Graphics	2336	695	NA	NA
Ryzen 5 5600U with Radeon Graphics	2178	734	NA	NA
Ryzen 5 5625U with Radeon Graphics	1989	782	NA	NA
Ryzen 5 6600H with Radeon Graphics	3525	518	NA	NA
Ryzen 5 6600HS Creator Edition	3671	503	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	558	NA	NA
Ryzen 5 7530U with Radeon Graphics	2269	715	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	517	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	704	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	969	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	774	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2398	678	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2116	746	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1748	860	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	662	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	670	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2049	765	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	870	NA	NA
Ryzen 5 PRO 6650U	3519	519	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3515	521	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1939	799	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	906	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	732	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	663	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	770	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	748	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	692	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 5700G with Radeon Graphics	2794	606	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2771	610	NA	NA
Ryzen 7 5700U with Radeon Graphics	2246	721	NA	NA
Ryzen 7 5800H with Radeon Graphics	2740	613	NA	NA
Ryzen 7 5800HS with Radeon Graphics	2917	590	NA	NA
Ryzen 7 5800U with Radeon Graphics	2361	687	NA	NA
Ryzen 7 5825U with Radeon Graphics	2342	694	NA	NA
Ryzen 7 6800H	5247	384	NA	NA
Ryzen 7 6800H with Radeon Graphics	4801	423	NA	NA
Ryzen 7 6800HS	5237	386	NA	NA
Ryzen 7 6800HS Creator Edition	5382	372	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6677	314	NA	NA
Ryzen 7 6800U	5006	410	NA	NA
Ryzen 7 6800U with Radeon Graphics	4829	420	NA	NA
Ryzen 7 7730U with Radeon Graphics	2470	664	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5127	399	NA	NA
Ryzen 7 7735U with Radeon Graphics	5215	388	NA	NA
Ryzen 7 Extreme Edition	2226	724	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	625	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	650	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	771	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2440	668	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2528	657	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2270	712	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	760	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	493	NA	NA
Ryzen 7 PRO 6850U	5580	356	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5115	400	NA	NA
Ryzen 7 PRO 6860Z	5076	403	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	417	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2549	651	NA	NA
Ryzen 9 4900HS with Radeon Graphics	7418	287	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	357	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2887	592	NA	NA
Ryzen 9 6900HS	8005	264	NA	NA
Ryzen 9 6900HS with Radeon Graphics	6097	334	NA	NA
Ryzen 9 6900HX with Radeon Graphics	5355	375	NA	NA
Ryzen 9 PRO 6950H	5758	347	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	430	NA	NA
S3 5400EW	146	1991	NA	NA
S3 Chrome 430 ULP	39	2318	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
S3 Chrome S25 DDR2	18	2406	NA	NA
S3 Chrome S27 DDR3	33	2349	NA	NA
S3 Inc. Savage4	3	2546	NA	NA
S3 ProSavageDDR	1	2584	NA	NA
S3 SuperSavage/IXC 1014	1	2578	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2483	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2285	NA	NA
SAPPHIRE Radeon X1550	61	2240	NA	NA
Sapphire RADEON X800 GT	112	2091	NA	NA
Seria Mobility Radeon HD 3400	124	2043	NA	NA
Seria Radeon HD 7700	1603	913	NA	NA
Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP	3245	554	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP	2564	648	NA	NA
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP	2607	639	NA	NA
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP	2981	583	NA	NA
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2569	647	NA	NA
SUMO 9640	650	1432	NA	NA
SUMO 9644	465	1665	NA	NA
SUMO 964A	497	1630	NA	NA
SuperDisplay Virtual Adapter	10390	202	NA	NA
Surface Duo Adreno 640 GPU	592	1508	NA	NA
T1000	7643	276	25.14	\$303.99*
T1000 8GB	7564	282	NA	NA
T1200 Laptop GPU	7809	270	NA	NA
T400	3624	509	27.51	\$131.74*
T400 4GB	3757	490	NA	NA
T500	3674	502	NA	NA
T550 Laptop GPU	4824	421	NA	NA
T600	6463	318	26.93	\$239.99*
T600 Laptop GPU	7065	296	NA	NA
TENSOR 1.0 Driver Intel HD 630	1299	1014	NA	NA
Tesla C2050	3175	565	11.76	\$269.99*
Tesla C2050 / C2070	3428	532	NA	NA
Tesla C2070	3120	572	5.17	\$604.00*
Tesla C2075	3016	580	4.67	\$646.00*
Tesla K20m	4432	447	NA	NA
Tesla K20Xm	2917	589	0.38	\$7,699.00*
Tesla K40c	4494	442	NA	NA
Tesla K40m	3281	549	NA	NA
Tesla K80	5852	343	9.85	\$593.95*
Tesla M10	3171	566	1.18	\$2,695.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla M2070-Q	1305	1011	NA	NA
Tesla M40	10465	199	17.44	\$600.00*
Tesla M40 24GB	10417	201	NA	NA
Tesla M6	6284	324	31.58	\$199.00*
Tesla M60	7551	283	9.58	\$787.90*
Tesla P100-PCIE-16GB	7225	291	1.27	\$5,699.00*
Tesla P4	8922	237	NA	NA
Tesla P40	12190	170	NA	NA
Tesla T10	12650	156	NA	NA
Tesla T4	10744	195	2.43	\$4,420.46*
Tesla V100-PCIE-16GB	12328	165	NA	NA
TITAN RTX	19945	50	7.98	\$2,499.00*
TITAN V	19742	55	9.87	\$1,999.99*
TITAN V CEO Edition	16987	83	NA	NA
TITAN Xp COLLECTORS EDITION	19105	64	NA	NA
TRINITY DEVASTATOR MOBILE	699	1386	NA	NA
TRINITY SCRAPPER MOBILE	498	1629	NA	NA
V9560XT	6	2459	NA	NA
Vanta/Vanta LT	3	2550	NA	NA
VIA Chrome9 HC IGP	4	2511	NA	NA
VIA Chrome9 HC IGP Family	3	2523	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2535	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2574	NA	NA
VIA Chrome9 HC IGP WDDM	2	2557	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2539	NA	NA
VIA Chrome9 HC3 IGP	2	2561	NA	NA
VIA Chrome9 HCM IGP	1	2582	NA	NA
VIA Chrome9 HD IGP	9	2434	NA	NA
VIA/S3 Chrome 520 IGP	114	2084	NA	NA
VIA/S3G C-645/640 GPU	132	2028	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2100	NA	NA
VIA/S3G DeltaChrome IGP	3	2541	NA	NA
VIA/S3G KM400/KN400	4	2517	NA	NA
VIA/S3G UniChrome IGP	4	2512	NA	NA
VIA/S3G UniChrome Pro IGP	4	2497	NA	NA
VIA/S3G UniChromeII	5	2467	NA	NA
Virtual Display Device	1649	890	NA	NA
VisionTek Radeon 7000	1	2579	NA	NA
WinFast A250 LE	4	2492	NA	NA
Xabre	5	2484	NA	NA
XGI Volari Family v1.13.23.D_V	4	2502	NA	NA

Videocard Name

Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ZX C-1080	351	NA	NA
ZX C-960	82	2174	NA
ZX Chrome 645/640 GPU	147	1990	NA

* - Last price seen from our affiliates.

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