

Single Video Card

256MB DDR Radeon 9800 XT	37	2221	NA	NA
7900 MOD - Radeon HD 6520G	610	1386	NA	NA
7900 MOD - Radeon HD 6550D	892	1120	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1791	NA	NA
A10-8Q	7041	267	NA	NA
A16-2Q	4582	390	NA	NA
ABIT Siluro T400	3	2417	NA	NA
ALL-IN-WONDER 9000	4	2384	NA	NA
ALL-IN-WONDER 9800	23	2290	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2369	NA	NA
ALL-IN-WONDER X800 GT	84	2061	NA	NA
All-in-Wonder X1800XL	30	2261	NA	NA
All-in-Wonder X1900	127	1927	NA	NA
AMD Ryzen Z1 Extreme	6545	285	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2442	NA	NA
ASUS A7000	9	2330	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2403	NA	NA
ASUS EAH4870x2	496	1532	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1270	NA	NA
ASUS V9520-X V62.11	7	2341	NA	NA
B8DKMDAP	4557	393	NA	NA
Barco MXRT 1450	205	1813	NA	NA
Barco MXRT 2600	900	114	4.52	\$199.00*
Barco MXRT 5400	1161	975	5.72	\$203.00*
Barco MXRT 5450	1079	1012	5.40	\$199.99*
Barco MXRT 5500	2701	558	9.04	\$299.00*
Barco MXRT 5600	2465	600	3.50	\$704.00*
Barco MXRT 7100	180	1839	NA	NA
Barco MXRT 7400	900	1113	9.10	\$99.00*
Barco MXRT 7500	3753	450	12.55	\$299.00*
Barco MXRT 7600	4943	368	8.20	\$602.59*
BASICDISPLAY	69	2108	NA	NA
Citrix Indirect Display Adapter	4446	404	NA	NA

CONNECT 3D RADEON X300	36	2226	NA	NA
Custom GPU 0405	2762	547	NA	NA
Dell 8100	2	2468	0.00	\$999.11*
Dell 8200	4	2405	NA	NA
Diamond X1300-PCIE 256MB	70	2105	NA	NA
EAH5450	134	1913	1.22	\$109.99*
EIZO Quadro MED-XN51LP	5048	362	NA	NA
Embedded Radeon E9173	1806	769	NA	NA
Eng Sample: 100-000000261-50_Y	2859	533	NA	NA
Extreme AX850 PRO	120	1951	NA	NA
FireGL T2-128	30	2258	NA	NA
FireGL V3100	52	2156	NA	NA
FireGL V3200	84	2058	NA	NA
FireGL V3300	70	2103	NA	NA
FireGL V3350	68	2114	NA	NA
FireGL V3400	103	2009	NA	NA
FireGL V3600	179	1840	1.12	\$160.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V5100	92	2041	0.81	\$114.96*
FireGL V5200	114	1971	0.86	\$133.40*
FireGL V5600	341	1677	1.52	\$225.00*
FireGL V7100	71	2097	0.22	\$328.67*
FireGL V7200	116	1963	NA	NA
FireGL V7300	128	1925	0.11	\$1,189.99*
FireGL V7350	110	1986	0.93	\$119.42*
FireGL V7600	615	1379	NA	NA
FireGL V7700	660	1324	9.43	\$69.99*
FireGL V8600	838	1154	NA	NA
FireGL V8650	550	1468	1.84	\$298.99*
FireGL X1	59	2142	NA	NA
FireMV 2200 PCI	1	2484	NA	NA
FireMV 2200 PCIe	36	2228	0.40	\$89.99*
FireMV 2250	45	2185	0.44	\$104.00*
FireMV 2260	117	1958	1.33	\$88.08*
FireMV 2400 PCIe	11	2323	NA	NA

FireMV 2450	73	2091	NA	NA
FirePro 3D V3700	178	1843	2.10	\$84.99*
FirePro 3D V3750	341	1676	6.71	\$50.88*
FirePro 3D V3800	472	1560	3.15	\$149.99*
FirePro 3D V4800	853	1143	5.33	\$159.99*
FirePro 3D V5700	546	1471	1.71	\$319.99*
FirePro 3D V5800	1231	944	6.04	\$204.00*
FirePro 3D V7750	545	1475	1.56	\$350.00*
FirePro 3D V7800	1867	747	3.11	\$599.99*
FirePro 3D V8700	1206	955	7.09	\$170.07*
FirePro 3D V8750	1271	928	1.03	\$1,230.99*
FirePro 3D V8800	2437	604	5.74	\$424.99*
FirePro 3D V9800	2811	540	1.13	\$2,499.00*
FirePro 2260	112	1976	NA	NA
FirePro 2270	144	1887	1.08	\$134.00*
FirePro 2450	51	2165	0.57	\$89.99*
FirePro 2460	170	1851	2.03	\$83.99*
FirePro M2000	423	1608	NA	NA
FirePro M4000	1612	823	22.14	\$72.83*
FirePro M4000 Mobility Pro	1628	816	NA	NA
Firepro M4100	1059	1021	NA	NA
FirePro M4150	928	1095	NA	NA
FirePro M4170	1119	990	NA	NA
FirePro M5100	2102	683	NA	NA
FirePro M5100 FireGL V	1839	755	NA	NA
FirePro M5950	1314	914	NA	NA
FirePro M6000	1820	763	5.58	\$325.99*
FirePro M6000 Mobility Pro	1750	783	NA	NA
FirePro M6100	2234	659	NA	NA
FirePro M6100 FireGL V	2742	550	NA	NA
FirePro M7740	665	1320	NA	NA
FirePro M40003	1364	901	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro R5000	2646	569	24.06	\$109.99*
FirePro RG220	335	1683	0.52	\$650.18*

FirePro S7000	4523	397	18.35	\$246.54*
FirePro S7150	2726	552	1.61	\$1.697.99*
FirePro S9000	5059	360	NA	NA
FirePro S9050	4901	371	NA	NA
FirePro S10000	4768	379	NA	NA
FirePro V3800	320	1698	2.57	\$124.99*
FirePro V3900	645	1340	2.71	\$238.44*
FirePro V4900	984	1059	6.56	\$149.99*
FirePro V5700	464	1569	2.47	\$188.06*
FirePro V5800	1175	967	22.18	\$53.00*
FirePro V5900	1269	929	14.77	\$86.00*
FirePro V7000	3161	510	NA	NA
FirePro V7800	2028	698	10.68	\$190.00*
FirePro V7900	2304	638	12.13	\$190.00*
FirePro V8700	1538	851	9.75	\$157.88*
FirePro V8800	2280	646	11.52	\$198.00*
FirePro V9800	2726	553	5.75	\$474.00*
FirePro W600	1661	809	4.00	\$414.99*
FirePro W2100	889	1126	15.08	\$59.00*
FirePro W4100	1546	846	8.40	\$184.00*
FirePro W4170M	1056	1022	NA	NA
Firepro W4190M	1170	969	NA	NA
FirePro W4300	2821	539	11.76	\$239.99*
FirePro W5000	2964	526	16.11	\$184.00*
FirePro W5100	2979	523	23.65	\$125.99*
FirePro W5130M	1395	897	NA	NA
Firepro W5170M	1732	790	NA	NA
FirePro W6150M	2358	623	NA	NA
FirePro W7000	4260	415	15.32	\$278.05*
FirePro W7000 Adapter	4361	408	NA	NA
FirePro W7100	5326	338	13.68	\$389.30*
FirePro W7170M	3161	511	NA	NA
FirePro W8000	4095	423	7.15	\$573.00*
FirePro W8100	7279	259	10.34	\$704.00*
FirePro W9000	6138	300	7.26	\$845.00*

FirePro W9100	7927	238	4.58	\$1,729.99*
FireStream 9170	647	1337	NA	NA
FireStream 9250	1164	971	NA	NA
FireStream 9270	1341	910	NA	NA
FireStream 9370	2528	590	NA	NA
GeCube RADEON 7000	8	2332	NA	NA
GeForce2 Go	4	2409	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2414	NA	NA
GeForce2 Integrated GPU	4	2404	NA	NA
GeForce2 MX	2	2454	NA	NA
GeForce2 MX 100/200	3	2438	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2388	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce2 MX with TV Out	2	2462	NA	NA
GeForce2 MX/MX 400	3	2416	NA	NA
GeForce2 Ti	4	2396	NA	NA
GeForce2 Ultra	6	2354	NA	NA
GeForce3	4	2385	NA	NA
GeForce3 Ti 200	4	2411	NA	NA
GeForce3 Ti 500	2	2464	NA	NA
GeForce4 420 Go	3	2435	NA	NA
GeForce4 420 Go 32M	5	2374	NA	NA
GeForce4 440	4	2382	NA	NA
GeForce4 440 Go	3	2422	NA	NA
GeForce4 440 Go 64M	5	2360	NA	NA
GeForce4 448 Go	5	2371	NA	NA
GeForce4 4200 Go	3	2415	NA	NA
GeForce4 MX 420	4	2389	NA	NA
GeForce4 MX 440	4	2399	NA	NA
GeForce4 MX 440 with AGP8X	4	2386	NA	NA
GeForce4 MX 440SE	4	2398	NA	NA
GeForce4 MX 460	4	2408	NA	NA
GeForce4 MX 4000	4	2402	NA	NA
GeForce4 MX Integrated GPU	6	2352	NA	NA
GeForce4 Ti 4200	5	2370	NA	NA

GeForce4 Ti 4400	7	2345	NA	NA
GeForce4 Ti 4600	5	2372	0.10	\$53.99*
GeForce4 Ti 4800	5	2362	NA	NA
GeForce4 Ti 4800 SE	6	2348	NA	NA
GeForce9400M	105	1998	NA	NA
GeForce 205	126	1931	NA	NA
GeForce 210	105	2000	1.94	\$54.15*
GeForce 240M GT	319	1700	NA	NA
GeForce 256	5	2380	0.12	\$42.04*
GeForce 305M	150	1872	NA	NA
GeForce 310	119	1952	1.11	\$108.35*
GeForce 310M	110	1985	NA	NA
GeForce 315	158	1864	4.80	\$32.99*
GeForce 315M	114	1968	NA	NA
GeForce 320M	209	1806	NA	NA
GeForce 405	120	1950	4.89	\$24.64*
GeForce 410M	254	1759	NA	NA
GeForce 505	118	1956	1.03	\$115.06*
GeForce 510	259	1754	3.71	\$69.99*
GeForce 605	318	1702	2.32	\$136.83*
GeForce 610M	291	1722	NA	NA
GeForce 615	545	1473	NA	NA
GeForce 705M	455	1582	NA	NA
GeForce 710A	475	1553	NA	NA
GeForce 710M	463	1571	NA	NA
GeForce 720A	614	1380	NA	NA
GeForce 730A	771	1218	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 770M	3245	498	18.34	\$176.99*
GeForce 800A	476	1550	NA	NA
GeForce 800M	457	1579	NA	NA
GeForce 810A	622	1372	NA	NA
GeForce 810M	410	1619	NA	NA
GeForce 820A	555	1462	NA	NA
GeForce 820M	504	1524	NA	NA

GeForce 825M	783	1206	NA	NA
GeForce 830A	1138	981	NA	NA
GeForce 830M	1006	1047	NA	NA
GeForce 840A	1179	965	NA	NA
GeForce 840M	1081	1010	NA	NA
GeForce 845M	1506	863	NA	NA
GeForce 910M	591	1412	NA	NA
GeForce 920A	849	1149	NA	NA
GeForce 920M	726	1265	NA	NA
GeForce 920MX	1084	1008	NA	NA
GeForce 930A	1309	918	NA	NA
GeForce 930M	1012	1043	NA	NA
GeForce 930MX	1298	925	NA	NA
GeForce 940A	1106	998	NA	NA
GeForce 940M	1121	988	NA	NA
GeForce 940MX	1509	860	NA	NA
GeForce 945A	1852	751	NA	NA
GeForce 945M	2107	680	NA	NA
GeForce 999 GTX	83	2065	NA	NA
GeForce 6100	27	2270	NA	NA
GeForce 6100 nForce 400	25	2279	NA	NA
GeForce 6100 nForce 405	29	2263	NA	NA
GeForce 6100 nForce 420	25	2278	NA	NA
GeForce 6100 nForce 430	23	2292	NA	NA
GeForce 6150	21	2295	0.07	\$329.00*
GeForce 6150 LE	33	2245	NA	NA
GeForce 6150SE	24	2283	NA	NA
GeForce 6150SE nForce 430	30	2260	NA	NA
GeForce 6200	41	2201	0.42	\$99.99*
GeForce 6200 A-LE	32	2253	NA	NA
GeForce 6200 LE	29	2266	0.70	\$41.24*
GeForce 6200 TurboCache	53	2155	NA	NA
GeForce 6200A	3	2425	0.07	\$54.99*
GeForce 6200SE TurboCache	37	2224	NA	NA
GeForce 6500	38	2217	NA	NA

GeForce 6600	86	2056	0.33	\$264.00*
GeForce 6600 GT	137	1905	2.11	\$64.95*
GeForce 6600 LE	51	2164	NA	NA
GeForce 6610 XL	88	2054	NA	NA
GeForce 6700 XL	95	2031	NA	NA
GeForce 6800	112	1977	0.20	\$559.29*
GeForce 6800 GS	188	1832	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800 GS/XT	102	2011	NA	NA
GeForce 6800 GT	142	1890	NA	NA
GeForce 6800 LE	109	1989	NA	NA
GeForce 6800 Ultra	138	1899	NA	NA
GeForce 6800 XE	58	2143	NA	NA
GeForce 6800 XT	123	1939	NA	NA
GeForce 7000M	13	2316	NA	NA
GeForce 7000M / nForce 610M	12	2317	NA	NA
GeForce 7025 / nForce 630a	32	2252	NA	NA
GeForce 7050 / nForce 610i	25	2280	NA	NA
GeForce 7050 / nForce 620i	41	2202	NA	NA
GeForce 7050 / nForce 630i	37	2220	NA	NA
GeForce 7050 PV / nForce 630a	31	2256	NA	NA
GeForce 7100 / nForce 620i	26	2274	NA	NA
GeForce 7100 / nForce 630i	35	2232	NA	NA
GeForce 7100 GS	48	2178	NA	NA
GeForce 7150 / nForce 630i	33	2248	NA	NA
GeForce 7150M / nForce 630M	18	2303	NA	NA
GeForce 7200 GS	23	2291	NA	NA
GeForce 7300 GS	78	2084	NA	NA
GeForce 7300 GT	136	1907	0.91	\$149.99*
GeForce 7300 LE	80	2080	2.50	\$32.00*
GeForce 7300 SE	39	2215	NA	NA
GeForce 7300 SE/7200 GS	48	2175	NA	NA
GeForce 7350 LE	74	2090	NA	NA
GeForce 7500 LE	89	2052	NA	NA
GeForce 7600 GS	157	1865	0.90	\$175.00*

GeForce 7600 GT	217	1795	1.09	\$199.00*
GeForce 7650 GS	134	1914	NA	NA
GeForce 7800 GS	177	1844	NA	NA
GeForce 7800 GT	244	1768	3.05	\$80.00*
GeForce 7800 GTX	290	1723	4.06	\$71.60*
GeForce 7900 GS	253	1761	NA	NA
GeForce 7900 GT	258	1756	1.30	\$199.00*
GeForce 7900 GT/GTO	247	1767	NA	NA
GeForce 7900 GTX	387	1639	NA	NA
GeForce 7950 GT	344	1673	1.69	\$203.99*
GeForce 7950 GX2	201	1817	3.67	\$54.99*
GeForce 7950 Xtreme	287	1726	NA	NA
GeForce 8100 / nForce 720a	79	2083	NA	NA
GeForce 8200	155	1867	NA	NA
GeForce 8200M G	64	2128	NA	NA
GeForce 8300	101	2016	4.48	\$22.68*
GeForce 8300 GS	115	1965	NA	NA
GeForce 8400	81	2075	0.14	\$589.99*
GeForce 8400 GS	149	1874	1.74	\$85.97*
GeForce 8400 SE	68	2115	NA	NA
GeForce 8400M G	58	2144	NA	NA
GeForce 8400M GS	112	1979	1.44	\$78.20*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8400M GT	66	2124	NA	NA
GeForce 8500 GT	123	1937	NA	NA
GeForce 8600 GS	91	2044	NA	NA
GeForce 8600 GT	116	1960	0.60	\$196.00*
GeForce 8600 GTS	149	1876	0.62	\$241.99*
GeForce 8600M GS	70	2106	NA	NA
GeForce 8600M GT	89	2050	0.83	\$108.10*
GeForce 8700M GT	124	1934	NA	NA
GeForce 8800 GS	330	1689	NA	NA
GeForce 8800 GT	493	1534	7.05	\$69.99*
GeForce 8800 GTS	421	1613	5.27	\$79.99*
GeForce 8800 GTS 512	575	1437	NA	NA

<u>GeForce 8800 GTX</u>	590	1415	4.92	\$119.99*
<u>GeForce 8800 Ultra</u>	642	1344	NA	NA
<u>GeForce 8800M GTS</u>	382	1640	NA	NA
<u>GeForce 8800M GTX</u>	462	1573	NA	NA
<u>GeForce 9100</u>	81	2069	NA	NA
<u>GeForce 9100M G</u>	68	2116	NA	NA
<u>GeForce 9200</u>	165	1859	NA	NA
<u>GeForce 9200M GE</u>	143	1888	NA	NA
<u>GeForce 9200M GS</u>	111	1983	NA	NA
<u>GeForce 9300</u>	126	1929	2.15	\$59.00*
<u>GeForce 9300 / nForce 730i</u>	128	1922	NA	NA
<u>GeForce 9300 GE</u>	76	2086	3.32	\$22.99*
<u>GeForce 9300 GS</u>	102	2012	1.71	\$59.95*
<u>GeForce 9300 SE</u>	81	2073	NA	NA
<u>GeForce 9300GE</u>	97	2026	1.01	\$97.20*
<u>GeForce 9300M G</u>	84	2060	NA	NA
<u>GeForce 9300M GS</u>	89	2049	2.07	\$43.42*
<u>GeForce 9400</u>	98	2020	NA	NA
<u>GeForce 9400 GT</u>	132	1916	0.83	\$159.99*
<u>GeForce 9400M</u>	67	2119	NA	NA
<u>GeForce 9400M G</u>	67	2120	NA	NA
<u>GeForce 9450</u>	104	2002	NA	NA
<u>GeForce 9500 GS</u>	187	1834	NA	NA
<u>GeForce 9500 GT</u>	149	1877	1.74	\$85.99*
<u>GeForce 9500M</u>	103	2007	1.02	\$101.20*
<u>GeForce 9500M G</u>	121	1946	NA	NA
<u>GeForce 9500M GS</u>	102	2013	NA	NA
<u>GeForce 9600 GS</u>	281	1734	NA	NA
<u>GeForce 9600 GSO</u>	327	1693	6.54	\$49.99*
<u>GeForce 9600 GSO 512</u>	329	1690	NA	NA
<u>GeForce 9600 GT</u>	491	1535	7.56	\$64.99*
<u>GeForce 9600M GS</u>	117	1957	NA	NA
<u>GeForce 9600M GT</u>	137	1902	1.76	\$78.20*
<u>GeForce 9600M GT / GeForce GT 220M</u>	293	1720	NA	NA
<u>GeForce 9650M GS</u>	270	1741	NA	NA

GeForce 9650M GT	137	1904	1.17	\$117.30*
GeForce 9700M GT	208	1809	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9700M GTS	278	1736	NA	NA
GeForce 9800 GT	466	1564	6.23	\$74.99*
GeForce 9800 GT 1024MB	134	1912	NA	NA
GeForce 9800 GTX	769	1222	10.26	\$74.99*
GeForce 9800 GTX+	506	1521	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1389	6.76	\$89.99*
GeForce 9800 GX2	797	1196	4.09	\$195.00*
GeForce 9800 S	635	1348	NA	NA
GeForce 9800M GS	554	1464	NA	NA
GeForce 9800M GT	381	1641	NA	NA
GeForce 9800M GTS	401	1629	NA	NA
GeForce 9800M GTX	454	1583	1.38	\$328.50*
GeForce FX 5100	7	2340	NA	NA
GeForce FX 5200	7	2343	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2320	NA	NA
GeForce FX 5200LE	7	2346	0.16	\$42.99*
GeForce FX 5200SE	11	2322	NA	NA
GeForce FX 5500	8	2335	0.05	\$153.97*
GeForce FX 5600	12	2318	NA	NA
GeForce FX 5600 Ultra	17	2309	NA	NA
GeForce FX 5600XT	9	2331	NA	NA
GeForce FX 5700	40	2204	NA	NA
GeForce FX 5700 Ultra	34	2239	NA	NA
GeForce FX 5700LE	24	2284	NA	NA
GeForce FX 5700VE	33	2247	NA	NA
GeForce FX 5900	34	2236	NA	NA
GeForce FX 5900 Ultra	41	2203	NA	NA
GeForce FX 5900XT	40	2209	NA	NA
GeForce FX 5900ZT	32	2250	NA	NA
GeForce FX 5950 Ultra	59	2141	NA	NA
GeForce FX Go5300	12	2319	NA	NA
GeForce FX Go5650	16	2310	NA	NA

GeForce FX Go5700	51	2163	NA	NA
GeForce FX Go 5200	8	2333	NA	NA
GeForce FX Go 5600	17	2307	NA	NA
GeForce G100	123	1936	6.20	\$19.99*
GeForce G102M	167	1856	NA	NA
GeForce G105M	107	1994	NA	NA
GeForce G200	136	1909	NA	NA
GeForce G205M	91	2046	NA	NA
GeForce G210	98	2021	0.80	\$122.12*
GeForce G210M	115	1966	NA	NA
GeForce G 103M	62	2134	NA	NA
GeForce G 105M	62	2131	NA	NA
GeForce Go 6100	17	2306	NA	NA
GeForce Go 6150	19	2299	NA	NA
GeForce Go 6200	15	2313	NA	NA
GeForce Go 6400	24	2285	NA	NA
GeForce Go 6600	69	2109	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6600 TE/6200 TE	44	2189	NA	NA
GeForce Go 6800	106	1997	NA	NA
GeForce Go 6800 Ultra	137	1901	NA	NA
GeForce Go 7200	45	2187	NA	NA
GeForce Go 7300	52	2160	NA	NA
GeForce Go 7400	65	2127	NA	NA
GeForce Go 7600	127	1926	NA	NA
GeForce Go 7600 GT	210	1805	NA	NA
GeForce Go 7700	147	1882	NA	NA
GeForce Go 7800	114	1970	NA	NA
GeForce Go 7800 GTX	209	1807	NA	NA
GeForce Go 7900 GS	176	1845	NA	NA
GeForce Go 7900 GTX	270	1740	NA	NA
GeForce Go 7950 GTX	263	1748	NA	NA
GeForce GPU	1199	961	NA	NA
GeForce GT625M	457	1580	NA	NA
GeForce GT 120	168	1854	5.63	\$29.99*

GeForce GT 120 / 9500 GT	324	1694	NA	NA
GeForce GT 120M	152	1870	NA	NA
GeForce GT 130	381	1642	2.52	\$151.34*
GeForce GT 130M	146	1885	NA	NA
GeForce GT 140	657	1327	NA	NA
GeForce GT 220	213	1801	5.33	\$39.99*
GeForce GT 220M	121	1945	NA	NA
GeForce GT 230	323	1697	7.35	\$43.99*
GeForce GT 230M	203	1815	NA	NA
GeForce GT 240	516	1511	3.21	\$160.97*
GeForce GT 240M	203	1816	NA	NA
GeForce GT 320	451	1586	13.82	\$32.69*
GeForce GT 320M	105	1999	NA	NA
GeForce GT 325M	169	1853	NA	NA
GeForce GT 330	400	1630	10.02	\$39.99*
GeForce GT 330M	211	1804	NA	NA
GeForce GT 335M	391	1635	NA	NA
GeForce GT 340	738	1257	13.93	\$52.99*
GeForce GT 415	251	1764	NA	NA
GeForce GT 415M	286	1728	NA	NA
GeForce GT 420	427	1606	2.76	\$155.00*
GeForce GT 420M	417	1616	NA	NA
GeForce GT 425M	523	1503	NA	NA
GeForce GT 430	600	1399	4.29	\$139.99*
GeForce GT 435M	542	1481	NA	NA
GeForce GT 440	773	1217	3.44	\$225.00*
GeForce GT 445M	811	1185	NA	NA
GeForce GT 520	306	1708	1.01	\$304.00*
GeForce GT 520M	282	1732	9.43	\$29.95*
GeForce GT 520MX	281	1735	NA	NA
GeForce GT 525M	458	1577	NA	NA
GeForce GT 530	677	1311	13.84	\$49.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 540M	484	1544	5.51	\$87.95*
GeForce GT 545	1106	999	19.91	\$55.59*

<u>GeForce GT 550M</u>	583	1426	NA	NA
<u>GeForce GT 555M</u>	665	1321	3.75	\$177.20*
<u>GeForce GT 610</u>	305	1710	2.18	\$139.99*
<u>GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</u>	368	1654	NA	NA
<u>GeForce GT 620</u>	367	1655	2.39	\$154.00*
<u>GeForce GT 620M</u>	439	1597	NA	NA
<u>GeForce GT 625</u>	338	1680	NA	NA
<u>GeForce GT 625M</u>	476	1551	NA	NA
<u>GeForce GT 630</u>	681	1305	4.64	\$147.01*
<u>GeForce GT 630M</u>	542	1482	NA	NA
<u>GeForce GT 635</u>	834	1160	12.46	\$66.94*
<u>GeForce GT 635M</u>	566	1451	NA	NA
<u>GeForce GT 640</u>	1179	966	10.72	\$109.99*
<u>GeForce GT 640M</u>	922	1102	NA	NA
<u>GeForce GT 640M LE</u>	680	1307	0.80	\$849.99*
<u>GeForce GT 645</u>	2005	704	NA	NA
<u>GeForce GT 645M</u>	924	1099	NA	NA
<u>GeForce GT 650M</u>	1208	954	NA	NA
<u>GeForce GT 705</u>	335	1684	1.13	\$296.76*
<u>GeForce GT 710</u>	631	1356	2.53	\$249.99*
<u>GeForce GT 710M</u>	444	1592	NA	NA
<u>GeForce GT 720</u>	610	1385	6.11	\$99.99*
<u>GeForce GT 720A</u>	600	1400	NA	NA
<u>GeForce GT 720M</u>	463	1570	NA	NA
<u>GeForce GT 730</u>	830	1167	7.55	\$109.99*
<u>GeForce GT 730A</u>	742	1251	NA	NA
<u>GeForce GT 730M</u>	815	1182	NA	NA
<u>GeForce GT 735M</u>	628	1363	NA	NA
<u>GeForce GT 740</u>	1492	866	6.30	\$236.99*
<u>GeForce GT 740A</u>	667	1317	NA	NA
<u>GeForce GT 740M</u>	790	1201	NA	NA
<u>GeForce GT 745A</u>	1230	945	NA	NA
<u>GeForce GT 745M</u>	1096	1002	NA	NA
<u>GeForce GT 750M</u>	1317	913	NA	NA
<u>GeForce GT 755M</u>	1664	808	NA	NA

GeForce GT 820M	581	1428	NA	NA
GeForce GT 1030	2483	599	21.98	\$112.99
GeForce GTS 150M	504	1523	NA	NA
GeForce GTS 160M	678	1310	NA	NA
GeForce GTS 240	577	1432	8.88	\$64.99*
GeForce GTS 250	603	1397	8.62	\$69.99*
GeForce GTS 250M	569	1448	NA	NA
GeForce GTS 350M	407	1622	NA	NA
GeForce GTS 360M	656	1328	NA	NA
GeForce GTS 450	1313	915	16.42	\$79.99*
GeForce GTX 260	1229	946	15.37	\$79.99*
GeForce GTX 260M	379	1645	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 275	1426	887	3.30	\$431.72*
GeForce GTX 280	1299	924	2.49	\$522.78*
GeForce GTX 280M	575	1436	NA	NA
GeForce GTX 285	1516	856	12.64	\$119.99*
GeForce GTX 285M	650	1334	NA	NA
GeForce GTX 295	1201	960	7.51	\$159.99*
GeForce GTX 460	2253	653	25.04	\$89.99*
GeForce GTX 460 SE	2011	700	12.57	\$159.99*
GeForce GTX 460 v2	1871	744	9.36	\$199.99*
GeForce GTX 460M	1232	943	NA	NA
GeForce GTX 465	2675	566	13.72	\$195.00*
GeForce GTX 470	3084	516	51.42	\$59.99*
GeForce GTX 470M	1953	722	NA	NA
GeForce GTX 480	4040	425	23.77	\$169.99*
GeForce GTX 480M	1617	822	NA	NA
GeForce GTX 485M	2359	622	NA	NA
GeForce GTX 550 Ti	1538	852	15.39	\$99.99*
GeForce GTX 555	1571	842	NA	NA
GeForce GTX 560	2719	555	13.27	\$205.00*
GeForce GTX 560 SE	1914	736	21.27	\$89.99*
GeForce GTX 560 Ti	3033	518	23.34	\$129.99*
GeForce GTX 560M	1221	949	NA	NA

GeForce GTX 570	3930	432	26.20	\$149.99*
GeForce GTX 570M	1863	748	NA	NA
GeForce GTX 580	4545	395	32.48	\$139.92*
GeForce GTX 580M	2074	687	8.34	\$248.68*
GeForce GTX 590	3341	492	7.68	\$435.00*
GeForce GTX 645	1868	746	NA	NA
GeForce GTX 650	1753	782	15.94	\$109.98*
GeForce GTX 650 Ti	2529	589	27.19	\$93.05*
GeForce GTX 650 Ti BOOST	3338	493	NA	NA
GeForce GTX 660	3997	429	23.80	\$167.95*
GeForce GTX 660 Ti	4385	407	30.45	\$144.00*
GeForce GTX 660M	1443	878	18.28	\$78.99*
GeForce GTX 670	5314	339	27.40	\$193.98*
GeForce GTX 670M	1718	798	NA	NA
GeForce GTX 670MX	1938	728	NA	NA
GeForce GTX 675M	1924	732	NA	NA
GeForce GTX 675MX	2744	549	NA	NA
GeForce GTX 680	5542	323	13.89	\$399.00*
GeForce GTX 680M	3205	503	23.58	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	467	NA	NA
GeForce GTX 680MX	4142	421	NA	NA
GeForce GTX 690	5579	319	19.85	\$280.99*
GeForce GTX 745	2149	673	7.54	\$284.95*
GeForce GTX 750	3362	489	42.03	\$79.99*
GeForce GTX 750 Ti	3903	434	44.30	\$88.11*
GeForce GTX 760	4780	377	32.09	\$149.00*
GeForce GTX 760 Ti	5191	351	17.45	\$297.50*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 760 Ti OEM	5427	329	NA	NA
GeForce GTX 760A	1226	947	NA	NA
GeForce GTX 760M	1709	799	NA	NA
GeForce GTX 765M	1991	708	10.69	\$186.30*
GeForce GTX 770	5913	309	23.75	\$249.00*
GeForce GTX 770M	2765	545	20.04	\$138.00*
GeForce GTX 775M	3551	470	NA	NA

GeForce GTX 780	8024	234	28.66	\$279.99*
GeForce GTX 780 Ti	9486	192	27.90	\$339.99*
GeForce GTX 780M	3871	438	7.76	\$499.00*
GeForce GTX 850A	1049	1025	NA	NA
GeForce GTX 850M	2518	593	NA	NA
GeForce GTX 850M - MODDED	1091	1006	NA	NA
GeForce GTX 860M	3028	520	26.56	\$114.00*
GeForce GTX 870M	3448	481	NA	NA
GeForce GTX 880M	3804	446	NA	NA
GeForce GTX 950	5344	337	37.64	\$141.99*
GeForce GTX 950A	2598	579	NA	NA
GeForce GTX 950M	2582	582	4.55	\$567.00*
GeForce GTX 960	6045	303	35.15	\$172.00*
GeForce GTX 960A	2410	610	NA	NA
GeForce GTX 960M	3397	486	2.91	\$1,169.00*
GeForce GTX 965M	3732	452	NA	NA
GeForce GTX 970	9642	187	40.52	\$237.99*
GeForce GTX 970M	5724	313	27.26	\$209.99*
GeForce GTX 970XM FORCE	6706	277	NA	NA
GeForce GTX 980	11141	163	45.04	\$247.35*
GeForce GTX 980 Ti	13837	110	17.77	\$778.69
GeForce GTX 980M	7344	258	25.33	\$289.99*
GeForce GTX 1050	5048	361	21.12	\$239.00*
GeForce GTX 1050 3GB	5141	355	NA	NA
GeForce GTX 1050 (Mobile)	4461	402	NA	NA
GeForce GTX 1050 Ti	6305	292	22.20	\$283.99*
GeForce GTX 1050 Ti (Mobile)	5918	308	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5381	334	NA	NA
GeForce GTX 1050 with Max-Q Design	3997	428	NA	NA
GeForce GTX 1060	10077	177	35.99	\$279.99*
GeForce GTX 1060 3GB	9759	184	36.15	\$269.99*
GeForce GTX 1060 5GB	9044	206	18.53	\$487.99*
GeForce GTX 1060 (Mobile)	8160	230	NA	NA
GeForce GTX 1060 with Max-Q Design	7885	241	NA	NA
GeForce GTX 1070	13512	118	27.68	\$488.09*

GeForce GTX 1070 (Mobile)	10465	171	NA	NA
GeForce GTX 1070 Ti	14716	100	25.82	\$569.99*
GeForce GTX 1070 with Max-Q Design	10041	178	NA	NA
GeForce GTX 1080	15498	88	35.00	\$442.79*
GeForce GTX 1080 Ti	18535	59	38.31	\$483.82*
GeForce GTX 1080 with Max-Q Design	11570	157	NA	NA
GeForce GTX 1630	5003	366	26.34	\$189.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1650	7861	242	50.72	\$154.99
GeForce GTX 1650 (Mobile)	6968	272	NA	NA
GeForce GTX 1650 SUPER	10114	176	54.95	\$184.05*
GeForce GTX 1650 Ti	7575	251	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6423	288	NA	NA
GeForce GTX 1650 with Max-Q Design	6126	302	NA	NA
GeForce GTX 1660	11713	155	43.92	\$266.73
GeForce GTX 1660 SUPER	12784	135	66.75	\$191.52
GeForce GTX 1660 Ti	12959	134	20.90	\$619.99
GeForce GTX 1660 Ti (Mobile)	10209	173	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8674	214	NA	NA
GeForce GTX Titan	8211	229	11.02	\$745.00*
GeForce GTX TITAN Black	9010	207	17.16	\$524.99*
GeForce GTX TITAN X	13056	129	11.90	\$1,096.99*
GeForce GTX TITAN Z	8986	209	5.93	\$1,515.00*
GeForce MX110	1452	876	NA	NA
GeForce MX130	1863	749	NA	NA
GeForce MX150	2277	647	38.41	\$59.29*
GeForce MX230	1834	758	NA	NA
GeForce MX250	2438	603	NA	NA
GeForce MX330	2463	601	NA	NA
GeForce MX350	2806	542	NA	NA
GeForce MX450	3724	453	NA	NA
GeForce MX550	4582	391	NA	NA
GeForce MX570	6020	305	NA	NA
GeForce MX570 A	6170	299	NA	NA
GeForce PCX 5300	6	2356	NA	NA

GeForce PCX 5750	34	2234	NA	NA
GeForce PCX 5900	34	2240	NA	NA
GeForce RTX 2050	7227	261	NA	NA
GeForce RTX 2060	14122	105	38.52	\$366.66
GeForce RTX 2060 12GB	15900	81	NA	NA
GeForce RTX 2060 (Mobile)	11354	160	NA	NA
GeForce RTX 2060 SUPER	16577	74	40.43	\$409.99
GeForce RTX 2060 with Max-Q Design	9776	183	NA	NA
GeForce RTX 2070	16177	77	31.11	\$519.99*
GeForce RTX 2070 (Mobile)	12354	143	NA	NA
GeForce RTX 2070 SUPER	18251	63	36.65	\$497.95*
GeForce RTX 2070 Super with Max-Q Design	13913	108	NA	NA
GeForce RTX 2070 with Max-Q Design	11888	151	NA	NA
GeForce RTX 2080	18800	55	23.48	\$800.61*
GeForce RTX 2080 (Mobile)	15107	95	NA	NA
GeForce RTX 2080 SUPER	19596	48	26.45	\$740.99*
GeForce RTX 2080 Super with Max-Q Design	13852	109	NA	NA
GeForce RTX 2080 Ti	21851	33	15.61	\$1,399.99*
GeForce RTX 2080 with Max-Q Design	13179	127	6.28	\$2,099.99*
GeForce RTX 3050	12968	132	60.32	\$214.99
GeForce RTX 3050 4GB Laptop GPU	7010	269	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10720	167	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3050 Laptop GPU	9405	197	34.84	\$269.99*
GeForce RTX 3050 OEM	12051	148	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10177	175	NA	NA
GeForce RTX 3060	17099	69	58.97	\$289.99
GeForce RTX 3060 Laptop GPU	13418	122	43.29	\$309.99*
GeForce RTX 3060 Ti	20600	40	54.21	\$379.99
GeForce RTX 3070	22470	30	52.87	\$424.99
GeForce RTX 3070 Laptop GPU	15529	87	NA	NA
GeForce RTX 3070 Ti	23763	22	49.59	\$479.19
GeForce RTX 3070 Ti Laptop GPU	18305	61	NA	NA
GeForce RTX 3080	25349	17	37.28	\$679.99
GeForce RTX 3080 12GB	26715	15	NA	NA

<u>GeForce RTX 3080 Laptop GPU</u>	16546	75	NA	NA
<u>GeForce RTX 3080 Ti</u>	27319	11	23.88	\$1,143.99
<u>GeForce RTX 3080 Ti Laptop GPU</u>	20221	42	NA	NA
<u>GeForce RTX 3090</u>	26873	13	13.55	\$1,983.40
<u>GeForce RTX 3090 Ti</u>	29819	6	19.36	\$1,539.99*
<u>GeForce RTX 4050 Laptop GPU</u>	14754	99	NA	NA
<u>GeForce RTX 4060</u>	19366	51	67.01	\$289.00
<u>GeForce RTX 4060 Laptop GPU</u>	17994	65	NA	NA
<u>GeForce RTX 4060 Ti</u>	22511	29	60.84	\$369.99
<u>GeForce RTX 4060 Ti 16GB</u>	22695	27	45.48	\$499.00*
<u>GeForce RTX 4070</u>	26857	14	52.15	\$514.99
<u>GeForce RTX 4070 Laptop GPU</u>	19529	49	NA	NA
<u>GeForce RTX 4070 Ti</u>	31679	3	42.24	\$749.99
<u>GeForce RTX 4080</u>	34703	2	30.18	\$1,149.99
<u>GeForce RTX 4080 Laptop GPU</u>	26243	16	NA	NA
<u>GeForce RTX 4090</u>	38891	1	22.88	\$1,699.99
<u>GeForce RTX 4090 Laptop GPU</u>	28760	9	NA	NA
<u>GF117</u>	554	1465	NA	NA
<u>GRID GTX P40-6</u>	4340	409	NA	NA
<u>GRID K1</u>	650	1333	1.65	\$395.00*
<u>GRID K2</u>	2736	551	0.61	\$4,449.99
<u>GRID K120Q</u>	293	1719	NA	NA
<u>GRID K140Q</u>	727	1264	NA	NA
<u>GRID K160Q</u>	628	1365	NA	NA
<u>GRID K180Q</u>	533	1490	NA	NA
<u>GRID K220Q</u>	912	1107	NA	NA
<u>GRID K240Q</u>	2541	587	NA	NA
<u>GRID K260Q</u>	2949	527	NA	NA
<u>GRID K280Q</u>	2839	536	NA	NA
<u>GRID K520</u>	3516	474	23.44	\$149.99*
<u>GRID M6-0B</u>	911	1108	NA	NA
<u>GRID M6-1Q</u>	2069	688	NA	NA
<u>GRID M6-8Q</u>	3568	468	NA	NA
<u>GRID M10-0Q</u>	913	1105	NA	NA
<u>GRID M10-1B</u>	2309	634	NA	NA

GRID M10-1Q	3351	490	NA	NA
GRID M10-2B	2333	630	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M10-2Q	2691	563	NA	NA
GRID M10-4Q	2976	524	NA	NA
GRID M10-8Q	2606	576	NA	NA
GRID M60-0B	1838	756	NA	NA
GRID M60-0Q	827	1170	NA	NA
GRID M60-1B	4456	403	NA	NA
GRID M60-1Q	3694	454	NA	NA
GRID M60-2Q	5203	349	NA	NA
GRID M60-4Q	3831	443	NA	NA
GRID M60-8A	5523	324	NA	NA
GRID M60-8Q	3883	435	NA	NA
GRID P6-2Q	3925	433	NA	NA
GRID P6-4Q	4429	406	NA	NA
GRID P40-2B	9842	182	NA	NA
GRID P40-2Q	4843	373	NA	NA
GRID P40-3Q	681	1306	NA	NA
GRID P40-4Q	5364	335	NA	NA
GRID P40-8Q	8967	210	NA	NA
GRID P40-24Q	4727	383	NA	NA
GRID P100-1B	2223	663	NA	NA
GRID P100-8Q	3841	442	NA	NA
GRID P100-16Q	5944	307	NA	NA
GRID RTX6000-1B	8473	220	NA	NA
GRID RTX6000P-6Q	4777	378	NA	NA
GRID T4-1Q	2702	557	NA	NA
GRID T4-2B	2601	578	NA	NA
GRID T4-2Q	3450	480	NA	NA
GRID T4-4Q	3260	497	NA	NA
GRID T4-8Q	4518	398	NA	NA
GRID V100-8Q	16	2311	NA	NA
GRID V100D-8Q	4155	419	NA	NA
GT 430	223	1787	1.56	\$142.88*

Incredible HD	389	1638	NA	NA
Incredible HD 4000	517	1510	NA	NA
Incredible HD 4600	749	1239	NA	NA
Intel 2nd Generation SandyBridge HD	185	1836	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1814	NA	NA
Intel 4th Generation Haswell HD	419	1615	NA	NA
Intel 865 Embedded Controller	3	2424	NA	NA
Intel 915G,910G Express	4	2413	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2394	NA	NA
Intel 945G Embedded Chipset Function 0	4	2401	NA	NA
Intel 946GZ Embedded Chipset	3	2439	NA	NA
Intel 946GZ Express	2	2447	NA	NA
Intel 82845G Controller	2	2470	NA	NA
Intel 82845G/GL Controller	2	2459	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2450	NA	NA
Intel 82852/82855 GM/GME Controller	1	2481	NA	NA
Intel 82865G Controller	4	2393	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82915G Express	5	2366	NA	NA
Intel 82915G/915GV/910GL	3	2423	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2458	NA	NA
Intel 82915G/GV/910GL Express	3	2444	NA	NA
Intel 82945G Express	12	2321	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2338	NA	NA
Intel - Express Chipset G41	56	2151	NA	NA
Intel - Express Chipset Q45/Q43	57	2146	NA	NA
Intel Arc	3773	448	NA	NA
Intel Arc A380	4762	382	NA	NA
Intel Arc A580	11925	150	27.90	\$427.48
Intel Arc A730M	9258	200	NA	NA
Intel Arc A750	8919	211	49.55	\$179.99
Intel Arc A770	9541	190	26.55	\$359.44
Intel Arc A770M	7485	255	NA	NA
Intel Arc Pro A40/A50	5223	346	NA	NA
Intel Arc Pro A60	9409	196	NA	NA

Intel B43 Express Chipset	109	1991	NA	NA
Intel Coffee Lake UHD	1158	976	NA	NA
Intel Extreme Controller	1	2472	NA	NA
Intel G33/G31 Express	52	2157	NA	NA
Intel G35 Express	3090	514	NA	NA
Intel G41 Express Chipset	103	2008	NA	NA
Intel G41 Express-Chipsatz	57	2148	NA	NA
Intel G45/G43 Express Chipset	94	2033	NA	NA
Intel G45/G43/G41 Express Chipset	67	2117	NA	NA
Intel G965 Express	222	1788	NA	NA
Intel GMA 3150 Express	2	2465	NA	NA
Intel Haswell HD - GT1	123	1940	NA	NA
Intel Haswell HD - GT2	139	1897	NA	NA
Intel HD 500	298	1717	NA	NA
Intel HD 505	352	1670	NA	NA
Intel HD 510	626	1369	NA	NA
Intel HD 515	630	1360	NA	NA
Intel HD 520	870	1134	NA	NA
Intel HD 530	996	1053	NA	NA
Intel HD 610	693	1295	NA	NA
Intel HD 615	725	1267	NA	NA
Intel HD 630	1108	996	NA	NA
Intel HD 2000	213	1800	NA	NA
Intel HD 3000	255	1758	0.27	\$945.00*
Intel HD 4000	343	1674	0.22	\$1,592.95*
Intel HD 4400	520	1506	NA	NA
Intel HD 4600	628	1364	NA	NA
Intel HD 5000	574	1442	0.92	\$625.00*
Intel HD 5200	830	1168	NA	NA
Intel HD 5300	390	1636	NA	NA
Intel HD 5500	586	1423	NA	NA
Intel HD 5600	2263	652	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 6000	858	1139	NA	NA
Intel HD Family	458	1578	NA	NA

Intel HD Graphics 620	926	1096	NA	NA
Intel HD manual-15.28-1861	62	2133	NA	NA
Intel HD manual-gen9_2015-133271	165	1858	NA	NA
Intel HD Modded	112	1980	NA	NA
Intel HD P530	1153	978	NA	NA
Intel HD P630	1184	964	NA	NA
Intel HD P3000	286	1727	NA	NA
Intel HD P4000	516	1512	NA	NA
Intel HD P4600	604	1395	NA	NA
Intel HD P4600/P4700	635	1351	NA	NA
Intel Infoshock HD	193	1825	NA	NA
Intel Iris 540	1247	934	NA	NA
Intel Iris 550	1411	892	NA	NA
Intel Iris 650	1432	884	NA	NA
Intel Iris 5100	744	1248	NA	NA
Intel Iris 6100	913	1104	NA	NA
Intel Iris Plus	1819	764	NA	NA
Intel Iris Plus 640	1345	907	NA	NA
Intel Iris Plus 645	1727	794	NA	NA
Intel Iris Plus 650	1585	833	NA	NA
Intel Iris Plus 655	1744	786	NA	NA
Intel Iris Pro 580	1981	713	NA	NA
Intel Iris Pro 5200	1202	959	NA	NA
Intel Iris Pro 6100	925	1098	NA	NA
Intel Iris Pro Graphics 6200	1449	877	NA	NA
Intel Iris Pro P580	2231	661	NA	NA
Intel Iris Pro P6300	1625	817	NA	NA
Intel Iris Xe	2689	564	NA	NA
Intel Iris Xe MAX	1971	716	NA	NA
Intel Iris Xe MAX 100	1927	731	NA	NA
Intel Media Accelerator	32	2249	NA	NA
Intel Media Accelerator 500	3	2431	NA	NA
Intel Media Accelerator 600	6	2347	NA	NA
Intel Media Accelerator 3150	2	2449	NA	NA
Intel Media Accelerator HD	108	1992	NA	NA

<u>Intel Poison Ivy</u>	738	1256	NA	NA
<u>Intel Q33 Express</u>	5	2379	NA	NA
<u>Intel Q35 Embedded</u>	8	2334	NA	NA
<u>Intel Q35 Express</u>	88	2053	NA	NA
<u>Intel Q45/Q43 Express Chipset</u>	209	1808	NA	NA
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	2149	NA	NA
<u>Intel Q965/Q963 Express</u>	191	1829	NA	NA
<u>Intel Skylake HD DT GT2</u>	576	1434	NA	NA
<u>Intel UHD Graphics</u>	1474	874	NA	NA
<u>Intel UHD Graphics 600</u>	324	1695	NA	NA
<u>Intel UHD Graphics 605</u>	369	1653	NA	NA
<u>Intel UHD Graphics 610</u>	717	1276	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Intel UHD Graphics 615</u>	753	1237	NA	NA
<u>Intel UHD Graphics 617</u>	892	1122	NA	NA
<u>Intel UHD Graphics 620</u>	1041	1029	NA	NA
<u>Intel UHD Graphics 630</u>	1249	933	NA	NA
<u>Intel UHD Graphics 710</u>	1077	1014	NA	NA
<u>Intel UHD Graphics 730</u>	1629	815	NA	NA
<u>Intel UHD Graphics 750</u>	1742	787	NA	NA
<u>Intel UHD Graphics 770</u>	1840	753	NA	NA
<u>Intel UHD Graphics P630</u>	2241	657	NA	NA
<u>Intel UHD Graphics P750</u>	1726	795	NA	NA
<u>Intel US15 Embedded Media and Controller</u>	7	2344	NA	NA
<u>ION</u>	84	2063	0.37	\$229.99*
<u>ION LE</u>	97	2025	NA	NA
<u>M860G with Mobility Radeon 4100</u>	75	2088	NA	NA
<u>M880G with Mobility Radeon HD 4200</u>	92	2040	NA	NA
<u>M880G with Mobility Radeon HD 4225</u>	71	2099	NA	NA
<u>M880G with Mobility Radeon HD 4250</u>	104	2005	NA	NA
<u>Master X3100 Driver</u>	10	2326	NA	NA
<u>Matrox C420 LP PCIe x16</u>	597	1404	NA	NA
<u>Matrox C680 PCIe x16</u>	1903	738	NA	NA
<u>Matrox C900 PCIe x16</u>	1812	768	NA	NA
<u>Matrox G200e WDDM 1.2</u>	59	2140	NA	NA

<u>Matrox G200e WDDM 2.0</u>	100	2018	NA	NA
<u>Matrox G200eh</u>	40	2206	NA	NA
<u>Matrox G200eh WDDM 1.2</u>	51	2161	NA	NA
<u>Matrox G200eh WDDM 2.0</u>	46	2183	NA	NA
<u>Matrox G200eR</u>	36	2225	NA	NA
<u>Matrox G200eR WDDM 1.2</u>	45	2186	NA	NA
<u>Matrox G200eR WDDM 2.0</u>	67	2118	NA	NA
<u>Matrox G200eW</u>	39	2211	NA	NA
<u>Matrox G200eW3 WDDM 2.0</u>	94	2034	NA	NA
<u>Matrox G200eW WDDM 1.2</u>	50	2169	NA	NA
<u>Matrox LUMA A310</u>	3690	456	NA	NA
<u>Matrox LUMA A310F</u>	3873	437	NA	NA
<u>Matrox M9120 PCIe x16</u>	19	2298	NA	NA
<u>Matrox M9120 Plus LP PCIe x16</u>	25	2276	NA	NA
<u>Matrox M9125 PCIe x16</u>	25	2277	NA	NA
<u>Matrox M9128 LP PCIe x16</u>	31	2254	NA	NA
<u>Matrox M9138 LP PCIe x16</u>	42	2198	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	2289	NA	NA
<u>Matrox M9148 LP PCIe x16</u>	40	2208	NA	NA
<u>Matrox Millennium P650 PCIe 128</u>	5	2375	NA	NA
<u>Matrox Millennium P690 PCIe x16</u>	366	1656	NA	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2349	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2433	0.01	\$393.99*
<u>Matrox Parhelia 256MB</u>	9	2328	NA	NA
<u>Matrox Parhelia APVe</u>	5	2368	NA	NA
<u>MEDION RADEON 9800 XXL</u>	71	2098	NA	NA
<u>MEDION RADEON X740XL</u>	94	2032	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MIRRORV3</u>	1080	1011	NA	NA
<u>Mobile Intel965 Express</u>	17	2308	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	2192	NA	NA
<u>Mobile Intel 45 Express</u>	43	2194	NA	NA
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	1959	NA	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	1	2475	NA	NA
<u>Mobile Intel 945 Express</u>	1	2476	NA	NA

<u>Mobile Intel 945GM Express</u>	5	2363	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2376	NA	NA
<u>Mobile Intel 965 Express</u>	49	2170	NA	NA
<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	2336	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	2286	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	2216	NA	NA
<u>Mobile Intel HD</u>	235	1777	0.49	\$479.98*
<u>Mobile Intel serie 4 Express</u>	44	2191	NA	NA
<u>MOBILITY FIREGL 7800</u>	4	2390	NA	NA
<u>MOBILITY FIREGL T2</u>	40	2205	NA	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	2243	NA	NA
<u>MOBILITY FireGL V3200</u>	62	2135	NA	NA
<u>MOBILITY FireGL V5000</u>	81	2072	NA	NA
<u>MOBILITY FireGL V5200</u>	44	2188	NA	NA
<u>MOBILITY FireGL V5250</u>	27	2268	NA	NA
<u>Mobility FireGL V5725</u>	219	1792	NA	NA
<u>MOBILITY IGP 9000/9100</u>	10	2327	NA	NA
<u>Mobility Radeon 4100</u>	81	2077	NA	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	2355	NA	NA
<u>MOBILITY RADEON 7500</u>	3	2427	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2437	NA	NA
<u>MOBILITY RADEON 9000 IGP</u>	7	2339	NA	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2367	NA	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2448	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2446	NA	NA
<u>MOBILITY RADEON 9550</u>	30	2259	NA	NA
<u>MOBILITY RADEON 9600</u>	36	2229	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2282	NA	NA
<u>MOBILITY RADEON 9600/9700</u>	39	2214	NA	NA
<u>MOBILITY RADEON 9700</u>	27	2267	NA	NA
<u>MOBILITY RADEON 9800</u>	46	2184	NA	NA
<u>Mobility Radeon HD 530v</u>	174	1846	NA	NA
<u>Mobility Radeon HD 540v</u>	188	1833	NA	NA
<u>Mobility Radeon HD 545v</u>	199	1819	NA	NA
<u>Mobility Radeon HD 550v</u>	266	1747	NA	NA

Mobility Radeon HD 560v	318	1701	NA	NA
Mobility Radeon HD 565v	353	1669	NA	NA
Mobility Radeon HD 2300	50	2167	NA	NA
Mobility Radeon HD 2400	89	2051	NA	NA
Mobility Radeon HD 2400 XT	102	2014	NA	NA
Mobility Radeon HD 2600	167	1855	NA	NA
Mobility Radeon HD 2600 XT	191	1828	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 3400 Serisi	111	1984	NA	NA
Mobility Radeon HD 3410	62	2132	NA	NA
Mobility Radeon HD 3430	98	2024	NA	NA
Mobility Radeon HD 3450	91	2047	NA	NA
Mobility Radeon HD 3470	93	2037	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2035	NA	NA
Mobility Radeon HD 3650	129	1920	1.77	\$73.53*
Mobility Radeon HD 3670	232	1780	NA	NA
Mobility Radeon HD 3850	365	1658	NA	NA
Mobility Radeon HD 3870	547	1470	NA	NA
Mobility Radeon HD 3870 X2	477	1548	NA	NA
Mobility Radeon HD 4200	90	2048	NA	NA
Mobility Radeon HD 4225	66	2126	NA	NA
Mobility Radeon HD 4250	98	2022	NA	NA
Mobility Radeon HD 4270	92	2039	NA	NA
Mobility Radeon HD 4300 Serisi	73	2094	NA	NA
Mobility Radeon HD 4330	135	1910	NA	NA
Mobility Radeon HD 4350	148	1880	NA	NA
Mobility Radeon HD 4550	191	1830	NA	NA
Mobility Radeon HD 4570	139	1898	1.83	\$75.90*
Mobility Radeon HD 4650	401	1628	NA	NA
Mobility Radeon HD 4670	463	1572	NA	NA
Mobility Radeon HD 4830	511	1515	NA	NA
Mobility Radeon HD 4850	866	1137	NA	NA
Mobility Radeon HD 4870	719	1271	NA	NA
Mobility Radeon HD 5000	773	1215	NA	NA
Mobility Radeon HD 5000 Serisi	478	1547	NA	NA

<u>Mobility Radeon HD 5165</u>	284	1729	NA	NA
<u>Mobility Radeon HD 5430</u>	181	1837	NA	NA
<u>Mobility Radeon HD 5450</u>	214	1799	NA	NA
<u>Mobility Radeon HD 5470</u>	236	1775	NA	NA
<u>Mobility Radeon HD 5570</u>	538	1485	NA	NA
<u>Mobility Radeon HD 5650</u>	449	1588	NA	NA
<u>Mobility Radeon HD 5730</u>	499	1527	NA	NA
<u>Mobility Radeon HD 5850</u>	763	1227	NA	NA
<u>Mobility Radeon HD 5870</u>	1093	1005	NA	NA
<u>Mobility Radeon HD serie 4200</u>	96	2029	NA	NA
<u>MOBILITY RADEON X300</u>	33	2242	NA	NA
<u>MOBILITY RADEON X600</u>	50	2168	NA	NA
<u>MOBILITY RADEON X600 SE</u>	49	2172	NA	NA
<u>MOBILITY RADEON X700</u>	66	2123	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	2137	NA	NA
<u>Mobility Radeon X1300</u>	39	2212	NA	NA
<u>Mobility Radeon X1350</u>	39	2210	NA	NA
<u>Mobility Radeon X1400</u>	42	2195	NA	NA
<u>Mobility Radeon X1450</u>	33	2246	NA	NA
<u>Mobility Radeon X1600</u>	92	2042	NA	NA
<u>Mobility Radeon X1700</u>	104	2003	NA	NA
<u>MOBILITY RADEON X1800</u>	130	1919	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon X1900</u>	134	1911	NA	NA
<u>Mobility Radeon X2300</u>	48	2177	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	2176	NA	NA
<u>Mobility Radeon X2500</u>	81	2071	NA	NA
<u>MOBILITY RADEON XPRESS 200</u>	27	2271	NA	NA
<u>Mobility Radeon. HD 5470</u>	215	1797	NA	NA
<u>MOBILITY/RADEON 9000</u>	4	2410	NA	NA
<u>MONSTER GeForce GTX 675M</u>	2637	570	NA	NA
<u>MxGPU</u>	1826	760	NA	NA
<u>N16P-GX</u>	1204	956	NA	NA
<u>N18E-Q1</u>	2525	591	NA	NA
<u>nForce 750a SLI</u>	83	2067	NA	NA

nForce 760i SLI	140	1895	NA	NA
nForce 780a SLI	92	2043	NA	NA
nForce 980a/780a SLI	81	2074	NA	NA
NV44	15	2312	NA	NA
NVIDIA A10	22064	32	NA	NA
NVIDIA A10-4Q	3424	485	NA	NA
NVIDIA A10G	18292	62	NA	NA
NVIDIA A40	13370	123	NA	NA
NVIDIA A40-8Q	4220	417	NA	NA
NVIDIA GeForce3 Ti200	5	2365	NA	NA
NVIDIA TITAN X	13659	114	22.46	\$608.10*
NVIDIA TITAN Xp	18653	57	11.34	\$1,645.00*
NVS 300	122	1942	1.95	\$62.97*
NVS 310	249	1766	4.02	\$62.06*
NVS 315	299	1715	4.28	\$69.99*
NVS 510	706	1287	4.93	\$143.26
NVS 810	1161	973	1.86	\$624.99*
NVS 2100M	139	1896	NA	NA
NVS 3100M	114	1969	NA	NA
NVS 4200M	271	1739	0.68	\$399.00*
NVS 5100M	188	1831	NA	NA
NVS 5200M	514	1513	NA	NA
NVS 5400M	631	1357	NA	NA
OPAL XT/GL	1053	1023	NA	NA
P104-100	3807	445	12.69	\$299.99*
P106-090	2342	627	NA	NA
P106-100	6400	289	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	810	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C6 Ryzen	1768	779	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1766	780	NA	NA
PHDGD Ivy 4	374	1650	NA	NA
PHDGD Ivy 5	445	1591	NA	NA
PHDGD Quantic C3	116	1961	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2275	NA	NA
PHDGD Solo 1.2.0 x86	11	2325	NA	NA

PHDGD Solo 2 x64	20	2297	NA	NA
<u>Q12U-1</u>	5164	353	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Quadro2 MXR/EX</u>	4	2400	NA	NA
<u>Quadro2 Pro</u>	1	2483	NA	NA
<u>Quadro4 380 XGL</u>	6	2350	NA	NA
<u>Quadro4 900 XGL</u>	4	2383	NA	NA
<u>Quadro4 980 XGL</u>	5	2381	0.01	\$341.43*
<u>Quadro 280 NVS PCIe</u>	5	2364	NA	NA
<u>Quadro 400</u>	148	1879	0.70	\$211.00*
<u>Quadro 410</u>	441	1595	3.42	\$129.00*
<u>Quadro 500M</u>	570	1445	2.07	\$275.14*
<u>Quadro 600</u>	538	1486	7.08	\$76.00*
<u>Quadro 1000M</u>	571	1444	10.48	\$54.50*
<u>Quadro 1100M</u>	755	1234	NA	NA
<u>Quadro 2000</u>	946	1080	4.44	\$213.23*
<u>Quadro 2000 D</u>	1239	937	NA	NA
<u>Quadro 2000D</u>	974	1064	6.96	\$140.00*
<u>Quadro 2000M</u>	783	1207	3.41	\$229.74*
<u>Quadro 2100M</u>	1100	1001	NA	NA
<u>Quadro 3000M</u>	1018	1039	14.55	\$69.99*
<u>Quadro 4000</u>	1478	873	1.47	\$1,008.09*
<u>Quadro 4000M</u>	1323	911	5.71	\$232.06*
<u>Quadro 5000</u>	1923	733	2.39	\$804.62
<u>Quadro 5000M</u>	2059	692	NA	NA
<u>Quadro 5010M</u>	1771	777	7.51	\$235.95*
<u>Quadro 6000</u>	2701	560	0.66	\$4,092.38*
<u>Quadro 7000</u>	3505	476	NA	NA
<u>Quadro CX</u>	947	1079	6.32	\$149.95*
<u>Quadro FX 350</u>	85	2057	NA	NA
<u>Quadro FX 350M</u>	44	2190	NA	NA
<u>Quadro FX 360M</u>	86	2055	NA	NA
<u>Quadro FX 370</u>	83	2066	0.67	\$125.00*
<u>Quadro FX 370 Low Profile</u>	102	2010	NA	NA
<u>Quadro FX 370 LP</u>	108	1993	NA	NA

Quadro FX 370M	93	2038	NA	NA
Quadro FX 380	162	1862	2.24	\$72.50*
Quadro FX 380 LP	126	1928	NA	NA
Quadro FX 380M	120	1948	NA	NA
Quadro FX 500/600 PCI	14	2314	NA	NA
Quadro FX 500/FX 600	7	2342	NA	NA
Quadro FX 540	80	2079	1.35	\$59.99*
Quadro FX 550	63	2130	0.22	\$287.82*
Quadro FX 560	113	1973	0.76	\$150.25*
Quadro FX 570	232	1779	2.03	\$115.00*
Quadro FX 570M	104	2006	NA	NA
Quadro FX 580	156	1866	1.21	\$130.00*
Quadro FX 770M	170	1852	0.32	\$527.00*
Quadro FX 880M	215	1798	NA	NA
Quadro FX 1000	34	2238	NA	NA
Quadro FX 1100	35	2230	0.17	\$212.99*
Quadro FX 1300	34	2237	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1400	124	1935	0.51	\$245.01*
Quadro FX 1500	197	1823	1.71	\$115.01*
Quadro FX 1500M	171	1849	NA	NA
Quadro FX 1600M	131	1918	0.87	\$149.90*
Quadro FX 1700	128	1924	0.37	\$350.14*
Quadro FX 1700M	172	1848	NA	NA
Quadro FX 1800	398	1631	2.95	\$135.00*
Quadro FX 1800M	466	1563	NA	NA
Quadro FX 2000	18	2305	NA	NA
Quadro FX 2500M	217	1793	12.45	\$17.50*
Quadro FX 2700	543	1479	NA	NA
Quadro FX 2700M	376	1647	3.77	\$99.95*
Quadro FX 2800M	420	1614	2.22	\$190.00*
Quadro FX 3000	69	2113	0.41	\$166.61*
Quadro FX 3400/4400	104	2004	NA	NA
Quadro FX 3450	148	1878	1.24	\$119.99*
Quadro FX 3450/4000 SDI	179	1841	NA	NA

Quadro FX 3500	259	1755	3.77	\$68.98*
Quadro FX 3500M	306	1709	3.06	\$99.99*
Quadro FX 3600M	466	1562	NA	NA
Quadro FX 3700	380	1643	1.79	\$213.27*
Quadro FX 3700M	456	1581	0.49	\$925.00*
Quadro FX 3800	799	1194	3.08	\$259.13*
Quadro FX 3800M	605	1392	NA	NA
Quadro FX 4000	101	2017	NA	NA
Quadro FX 4500	226	1784	1.34	\$169.00*
Quadro FX 4500 X2	236	1776	NA	NA
Quadro FX 4600	430	1602	1.29	\$333.25*
Quadro FX 4700 X2	676	1314	NA	NA
Quadro FX 4800	991	1055	4.86	\$204.00*
Quadro FX 5500	242	1769	0.12	\$1,999.00*
Quadro FX 5600	525	1501	1.78	\$295.00*
Quadro FX 5800	1216	951	4.44	\$274.00*
Quadro FX Go1400	101	2015	NA	NA
Quadro GP100	15607	86	NA	NA
Quadro GV100	20021	43	2.22	\$8,999.00*
Quadro K420	761	1229	2.83	\$269.00*
Quadro K510M	610	1387	NA	NA
Quadro K600	745	1246	12.38	\$60.24*
Quadro K610M	719	1272	3.00	\$240.00*
Quadro K620	2239	658	1.10	\$2,029.99*
Quadro K620M	1162	972	NA	NA
Quadro K1000M	784	1204	11.22	\$69.95*
Quadro K1100M	1085	1007	3.36	\$322.99*
Quadro K1200	2902	530	10.17	\$285.29*
Quadro K2000	1570	843	5.34	\$294.00*
Quadro K2000D	1577	837	4.64	\$339.99*
Quadro K2000M	1016	1041	7.06	\$144.04*
Quadro K2100M	1362	902	3.27	\$415.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K2200	3548	471	13.23	\$268.30*
Quadro K2200M	3440	483	27.54	\$124.95*

Quadro K3000M	1645	812	4.04	\$407.56*
Quadro K3100M	2272	648	5.68	\$399.95*
Quadro K4000	2710	556	10.04	\$270.00*
Quadro K4000M	1908	737	7.52	\$254.00*
Quadro K4100M	2627	572	10.06	\$261.29*
Quadro K4200	4317	411	17.34	\$249.00*
Quadro K5000	3983	430	16.00	\$249.00*
Quadro K5000M	2763	546	5.43	\$508.91*
Quadro K5100M	3188	506	2.88	\$1,108.84*
Quadro K5200	6026	304	14.52	\$415.00*
Quadro K6000	8055	232	38.24	\$210.66*
Quadro M500M	1173	968	NA	NA
Quadro M520	1870	745	NA	NA
Quadro M600M	2145	674	8.52	\$251.99*
Quadro M620	2828	538	NA	NA
Quadro M1000M	2895	531	33.67	\$85.99*
Quadro M1200	3272	495	NA	NA
Quadro M2000	3973	431	15.04	\$264.24*
Quadro M2000M	3448	482	16.18	\$213.16*
Quadro M2200	4299	414	17.20	\$249.99*
Quadro M3000M	5508	325	34.44	\$159.95*
Quadro M4000	6663	278	18.41	\$362.00*
Quadro M4000M	6266	293	24.58	\$254.91*
Quadro M5000	9388	198	18.81	\$499.00*
Quadro M5000M	7024	268	12.84	\$546.92*
Quadro M5500	7915	240	NA	NA
Quadro M6000	11741	154	2.43	\$4,827.53*
Quadro M6000 24GB	11878	152	NA	NA
Quadro NVS 55/280 PCI	6	2358	NA	NA
Quadro NVS 110M	47	2180	NA	NA
Quadro NVS 120M	46	2182	NA	NA
Quadro NVS 130M	97	2028	NA	NA
Quadro NVS 135M	52	2159	NA	NA
Quadro NVS 140M	69	2112	NA	NA
Quadro NVS 150M	70	2104	NA	NA

Quadro NVS 160M	137	1903	NA	NA
Quadro NVS 210S	23	2287	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2296	NA	NA
Quadro NVS 280 PCI	8	2337	0.06	\$130.00*
Quadro NVS 280 SD	2	2467	NA	NA
Quadro NVS 285	42	2199	0.25	\$169.86*
Quadro NVS 285 128MB	38	2218	0.70	\$55.00*
Quadro NVS 290	226	1785	3.83	\$59.00*
Quadro NVS 295	79	2081	1.27	\$63.00*
Quadro NVS 320M	208	1810	NA	NA
Quadro NVS 420	69	2107	0.47	\$150.00*
Quadro NVS 440	37	2222	0.16	\$228.87*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 450	66	2122	0.42	\$159.00*
Quadro NVS 510M	253	1762	NA	NA
Quadro P400	1601	830	7.96	\$201.17*
Quadro P500	1602	828	NA	NA
Quadro P520	2104	682	1.40	\$1,499.00*
Quadro P600	3266	496	15.35	\$212.81
Quadro P620	3593	465	6.25	\$574.55*
Quadro P1000	4436	405	15.30	\$289.99*
Quadro P2000	6900	274	15.70	\$439.60*
Quadro P2000 with Max-Q Design	5131	357	NA	NA
Quadro P2200	9373	199	20.39	\$459.80*
Quadro P3000	6608	280	NA	NA
Quadro P3200	9122	203	23.43	\$389.30*
Quadro P3200 with Max-Q Design	9083	204	NA	NA
Quadro P4000	11644	156	20.94	\$556.19*
Quadro P4000 with Max-Q Design	9082	205	NA	NA
Quadro P4200	10445	172	NA	NA
Quadro P4200 with Max-Q Design	11162	162	NA	NA
Quadro P5000	12294	145	6.58	\$1,868.99*
Quadro P5200	12594	141	NA	NA
Quadro P5200 with Max-Q Design	12608	140	NA	NA
Quadro P6000	15231	93	4.69	\$3,250.00*

Quadro RTX 3000	11134	164	NA	NA
Quadro RTX 3000 with Max-Q Design	8463	221	NA	NA
Quadro RTX 4000	15478	89	17.22	\$899.00*
Quadro RTX 4000 (Mobile)	12672	137	NA	NA
Quadro RTX 4000 with Max-Q Design	12636	139	NA	NA
Quadro RTX 5000	16031	80	NA	NA
Quadro RTX 5000 (Mobile)	14832	98	NA	NA
Quadro RTX 5000 with Max-Q Design	13570	117	NA	NA
Quadro RTX 6000	19256	54	3.06	\$6,300.00*
Quadro RTX 8000	19402	50	4.09	\$4,741.49*
Quadro T1000	6600	281	17.55	\$375.99
Quadro T1000 with Max-Q Design	6662	279	NA	NA
Quadro T2000	7157	265	13.55	\$528.35*
Quadro T2000 with Max-Q Design	6944	273	NA	NA
Qualcomm Adreno 7c+ Gen 3	591	1411	NA	NA
Qualcomm Adreno 8cx Gen 3	1940	726	NA	NA
Qualcomm Adreno 540 GPU	118	1955	NA	NA
Qualcomm Adreno 618 GPU	124	1933	NA	NA
Qualcomm Adreno 630 GPU	282	1730	NA	NA
Qualcomm Adreno 675 GPU	539	1483	NA	NA
Qualcomm Adreno 680 GPU	635	1349	NA	NA
Qualcomm Adreno 685 GPU	892	1121	NA	NA
Qualcomm Adreno 690 GPU	972	1067	NA	NA
QXL KMDOD	18	2300	NA	NA
Radeon 520	858	1140	9.54	\$89.99*
Radeon 530	1007	1046	NA	NA
Radeon 535	1071	1015	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 535DX	806	1187	NA	NA
Radeon 540	1344	908	NA	NA
Radeon 540X	1411	891	NA	NA
Radeon 550	1772	776	23.63	\$74.99
Radeon 550X	1494	865	NA	NA
Radeon 610M	1096	1003	NA	NA
Radeon 620	897	1118	NA	NA

<u>Radeon 625</u>	1119	989	NA	NA
<u>Radeon 630</u>	1244	936	NA	NA
<u>Radeon 680M Ryzen 7 7735HS</u>	6179	298	NA	NA
<u>Radeon 740M</u>	3505	475	NA	NA
<u>Radeon 760M</u>	5482	326	NA	NA
<u>Radeon 780M</u>	7162	264	NA	NA
<u>Radeon 2100</u>	59	2138	0.31	\$190.99*
<u>Radeon 3000</u>	98	2023	0.31	\$319.00*
<u>Radeon 3015e</u>	364	1662	NA	NA
<u>Radeon 3020e</u>	465	1567	NA	NA
<u>Radeon 3100</u>	73	2092	0.41	\$179.13
<u>Radeon 6600M</u>	518	1509	NA	NA
<u>Radeon 6750M</u>	911	1109	NA	NA
<u>Radeon 7000 / Radeon VE</u>	2	2456	NA	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	2419	NA	NA
<u>RADEON 7200</u>	2	2451	0.00	\$599.99*
<u>RADEON 7500</u>	3	2440	0.02	\$177.25*
<u>RADEON 7500 Family</u>	4	2391	NA	NA
<u>RADEON 8500 Family</u>	6	2351	NA	NA
<u>RADEON 9000</u>	4	2395	NA	NA
<u>RADEON 9000 Family</u>	3	2429	NA	NA
<u>RADEON 9100 Family</u>	6	2357	NA	NA
<u>RADEON 9100 IGP</u>	5	2373	NA	NA
<u>RADEON 9200</u>	3	2426	0.02	\$153.63*
<u>RADEON 9200 LE Family</u>	2	2460	NA	NA
<u>RADEON 9200 PRO Family</u>	2	2452	NA	NA
<u>RADEON 9200 SE</u>	2	2463	NA	NA
<u>RADEON 9250</u>	2	2461	0.01	\$194.00*
<u>RADEON 9500</u>	36	2227	0.90	\$40.50*
<u>RADEON 9500 PRO / 9700</u>	41	2200	NA	NA
<u>RADEON 9550</u>	34	2235	0.12	\$291.74*
<u>Radeon 9550 / X1050</u>	29	2265	NA	NA
<u>RADEON 9600 Family</u>	25	2281	NA	NA
<u>RADEON 9600 PRO</u>	42	2196	NA	NA
<u>RADEON 9600 PRO Family</u>	26	2272	NA	NA

<u>RADEON 9600 TX Family</u>	18	2302	NA	NA
<u>RADEON 9600 XT</u>	35	2233	NA	NA
<u>RADEON 9600SE</u>	27	2269	NA	NA
<u>RADEON 9700 PRO</u>	53	2154	NA	NA
<u>Radeon 9700 TX w/TV-Out</u>	44	2193	NA	NA
<u>RADEON 9800</u>	57	2147	0.18	\$325.00*
<u>RADEON 9800 PRO</u>	59	2139	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RADEON 9800 SE</u>	23	2288	NA	NA
<u>RADEON 9800 XT</u>	56	2150	NA	NA
<u>RADEON A9800XT</u>	22	2293	NA	NA
<u>Radeon Athlon Gold 3150U</u>	716	1279	NA	NA
<u>Radeon Athlon Gold PRO 4150GE</u>	1573	840	NA	NA
<u>Radeon Athlon PRO 3045B</u>	555	1463	NA	NA
<u>Radeon Athlon Silver 3050U</u>	686	1300	NA	NA
<u>RADEON E2400</u>	51	2162	NA	NA
<u>RADEON E4690</u>	405	1626	NA	NA
<u>Radeon E6460</u>	323	1696	NA	NA
<u>Radeon E6465</u>	231	1781	NA	NA
<u>Radeon E6760</u>	876	1132	3.65	\$239.99*
<u>Radeon E8860</u>	1686	804	NA	NA
<u>Radeon E8870PCIe</u>	3368	488	NA	NA
<u>Radeon Eng_Sample: 100-000000085-40_35/24_Y</u>	1440	880	NA	NA
<u>Radeon Eng_Sample: 100-000000262-30_Y</u>	2415	608	NA	NA
<u>Radeon Eng_Sample: 100-000000285-40_Y</u>	2365	620	NA	NA
<u>Radeon Eng_Sample: 100-000000287-40_Y</u>	1861	750	NA	NA
<u>Radeon Eng_Sample: 100-000000300-40_Y</u>	2670	567	NA	NA
<u>Radeon Eng_Sample: 100-000000371-40_42/18_Y</u>	2590	581	NA	NA
<u>Radeon HD4650</u>	239	1771	1.57	\$152.90*
<u>Radeon HD4670</u>	365	1657	NA	NA
<u>RADEON HD6370D</u>	320	1699	NA	NA
<u>RADEON HD6410D</u>	422	1611	NA	NA
<u>RADEON HD6530D</u>	531	1496	NA	NA
<u>RADEON HD7450</u>	199	1820	8.95	\$22.25*
<u>Radeon HD8530M</u>	490	1537	NA	NA

Radeon HD8970M	3368	487	NA	NA
Radeon HD 2350	76	2085	NA	NA
Radeon HD 2400	120	1949	1.37	\$88.20*
Radeon HD 2400 PCI	14	2315	NA	NA
Radeon HD 2400 Pro	114	1972	NA	NA
Radeon HD 2400 XT	118	1953	NA	NA
Radeon HD 2600 PRO	211	1803	1.12	\$188.44*
Radeon HD 2600 Pro AGP	110	1987	NA	NA
Radeon HD 2600 XT	282	1731	1.78	\$159.00*
Radeon HD 2900 GT	292	1721	NA	NA
Radeon HD 2900 PRO	627	1366	NA	NA
Radeon HD 2900 XT	659	1325	NA	NA
Radeon HD 3000	95	2030	NA	NA
Radeon HD 3200	82	2068	NA	NA
Radeon HD 3300	126	1930	NA	NA
Radeon HD 3450	158	1863	1.78	\$89.00*
Radeon HD 3470	123	1941	1.12	\$109.65*
Radeon HD 3650 AGP	150	1873	0.81	\$185.00*
Radeon HD 3670	149	1875	NA	NA
Radeon HD 3850	396	1632	NA	NA
Radeon HD 3850 AGP	432	1601	NA	NA
Radeon HD 3850 X2	822	1174	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3870	559	1456	8.00	\$69.99*
Radeon HD 3870 X2	708	1284	NA	NA
Radeon HD 4200	111	1982	NA	NA
Radeon HD 4250	122	1943	NA	NA
Radeon HD 4270	109	1988	NA	NA
Radeon HD 4290	140	1892	NA	NA
Radeon HD 4300/4500 Serisi	155	1868	NA	NA
Radeon HD 4330	113	1974	NA	NA
Radeon HD 4350	120	1947	1.18	\$102.24*
Radeon HD 4550	235	1778	1.51	\$156.00*
Radeon HD 4650	230	1782	3.29	\$69.99*
Radeon HD 4650 AGP	207	1811	NA	NA

Radeon HD 4670	380	1644	2.66	\$142.96*
Radeon HD 4770	894	1119	14.91	\$59.99*
Radeon HD 4810	769	1221	NA	NA
Radeon HD 4830	835	1157	13.93	\$59.99*
Radeon HD 4850	939	1088	2.49	\$378.00*
Radeon HD 4850 X2	1132	983	NA	NA
Radeon HD 4870	1365	900	17.07	\$79.99*
Radeon HD 4870 X2	1309	917	NA	NA
Radeon HD 4890	1514	857	16.82	\$89.99*
Radeon HD 5450	136	1908	1.44	\$94.96*
Radeon HD 5470	268	1744	NA	NA
Radeon HD 5550	370	1652	6.75	\$54.99*
Radeon HD 5570	482	1545	2.68	\$179.99*
Radeon HD 5600/5700	646	1339	NA	NA
Radeon HD 5670	796	1198	11.89	\$67.00*
Radeon HD 5750	1161	974	16.59	\$69.99*
Radeon HD 5770	1343	909	7.07	\$189.99*
Radeon HD 5830	1730	793	6.68	\$258.99*
Radeon HD 5850	1979	715	6.85	\$288.99*
Radeon HD 5870	2215	665	7.51	\$295.00*
Radeon HD 5970	2307	635	12.82	\$179.99*
Radeon HD 6230	179	1842	NA	NA
Radeon HD 6250	93	2036	NA	NA
Radeon HD 6290	105	2001	NA	NA
Radeon HD 6290M	140	1894	NA	NA
Radeon HD 6300M	143	1889	NA	NA
Radeon HD 6310	122	1944	NA	NA
Radeon HD 6320	148	1881	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1796	NA	NA
Radeon HD 6320M	198	1822	NA	NA
RADEON HD 6350	140	1891	2.39	\$59.00*
Radeon HD 6370D	254	1760	NA	NA
Radeon HD 6370M	275	1738	NA	NA
Radeon HD 6380G	200	1818	0.50	\$399.99*
Radeon HD 6410D	238	1773	NA	NA

Radeon HD 6430M	192	1827	NA	NA
Radeon HD 6450	198	1821	2.23	\$89.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6450 + 8470D Dual	762	1228	NA	NA
Radeon HD 6450A	260	1752	NA	NA
Radeon HD 6470M	227	1783	0.40	\$569.99*
Radeon HD 6480G	260	1753	NA	NA
Radeon HD 6480M	353	1668	NA	NA
Radeon HD 6490M	377	1646	0.32	\$1,193.03*
Radeon HD 6520G	298	1716	NA	NA
Radeon HD 6530D	337	1682	NA	NA
Radeon HD 6550A	707	1285	NA	NA
Radeon HD 6550D	401	1627	NA	NA
Radeon HD 6570	559	1458	8.61	\$64.99*
Radeon HD 6610M	565	1452	NA	NA
Radeon HD 6620G	351	1671	NA	NA
Radeon HD 6630M	684	1303	NA	NA
Radeon HD 6650A	835	1158	NA	NA
Radeon HD 6650M	753	1236	NA	NA
Radeon HD 6670	729	1261	10.57	\$68.99*
Radeon HD 6670 + 6670 Dual	646	1338	NA	NA
Radeon HD 6670 + 7660D Dual	1492	867	NA	NA
Radeon HD 6670/7670	945	1082	NA	NA
Radeon HD 6700M	1016	1040	NA	NA
Radeon HD 6750	1035	1031	12.94	\$79.99*
Radeon HD 6750M	937	1090	NA	NA
Radeon HD 6770	1245	935	4.70	\$264.99*
Radeon HD 6770M	964	1071	NA	NA
Radeon HD 6790	1605	824	5.46	\$294.00*
Radeon HD 6800M	798	1195	NA	NA
Radeon HD 6850	1971	717	23.19	\$85.00*
Radeon HD 6850 X2	2534	588	NA	NA
Radeon HD 6870	2216	664	8.06	\$275.00*
Radeon HD 6900M	1702	801	NA	NA
Radeon HD 6950	2627	573	18.77	\$139.99*

Radeon HD 6970	2832	537	18.89	\$149.99*
Radeon HD 6970M	2270	649	10.51	\$215.99*
Radeon HD 6990	3013	522	6.04	\$498.49*
Radeon HD 7290	111	1981	NA	NA
Radeon HD 7290M	123	1938	NA	NA
Radeon HD 7310	128	1923	NA	NA
Radeon HD 7310 - Carte graphique	174	1847	NA	NA
Radeon HD 7310G	180	1838	NA	NA
Radeon HD 7310M	166	1857	NA	NA
Radeon HD 7340	153	1869	0.28	\$552.69*
Radeon HD 7340G	196	1824	NA	NA
Radeon HD 7340M	221	1790	NA	NA
Radeon HD 7350	165	1860	NA	NA
Radeon HD 7400G	267	1745	NA	NA
Radeon HD 7420G	308	1707	NA	NA
Radeon HD 7450	223	1786	4.48	\$49.99*
Radeon HD 7450A	288	1725	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7450M	329	1691	NA	NA
Radeon HD 7470	289	1724	3.55	\$81.37*
Radeon HD 7470M	407	1623	NA	NA
Radeon HD 7480D	282	1733	NA	NA
Radeon HD 7500G	301	1713	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1378	NA	NA
Radeon HD 7500G + 7550M Dual	497	1531	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1667	NA	NA
Radeon HD 7520G	315	1703	NA	NA
Radeon HD 7520G + 7400M Dual	486	1543	NA	NA
Radeon HD 7520G + 7470M Dual	542	1480	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1427	NA	NA
Radeon HD 7520G + 7600M Dual	591	1413	NA	NA
Radeon HD 7520G + 7610M Dual	588	1418	NA	NA
Radeon HD 7520G + 7650M Dual	453	1584	NA	NA
Radeon HD 7520G + 7670M Dual	523	1505	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1020	NA	NA

<u>Radeon HD 7520G + 8600/8700M Dual</u>	311	1705	NA	NA
<u>Radeon HD 7520G + 8750M Dual</u>	376	1648	NA	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1476	NA	NA
<u>Radeon HD 7520G + HD 7500/7600 Dual</u>	832	1164	NA	NA
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1589	NA	NA
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1533	NA	NA
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1438	NA	NA
<u>Radeon HD 7520G + HD 8600/8700M Dual</u>	623	1371	NA	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	1332	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1440	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</u>	364	1660	NA	NA
<u>Radeon HD 7540D</u>	330	1688	NA	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	1273	NA	NA
<u>Radeon HD 7540D + 7500 Dual</u>	821	1175	NA	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	1343	NA	NA
<u>Radeon HD 7550M</u>	464	1568	NA	NA
<u>Radeon HD 7550M/7650M</u>	728	1263	NA	NA
<u>Radeon HD 7560D</u>	461	1574	NA	NA
<u>Radeon HD 7560D + 6450 Dual</u>	568	1449	NA	NA
<u>Radeon HD 7560D + 6570 Dual</u>	833	1161	NA	NA
<u>Radeon HD 7560D + 6670 Dual</u>	1130	984	NA	NA
<u>Radeon HD 7560D + 7560D Dual</u>	982	1061	NA	NA
<u>Radeon HD 7560D + 7570 Dual</u>	985	1056	NA	NA
<u>Radeon HD 7560D + 7670 Dual</u>	1426	888	NA	NA
<u>Radeon HD 7560D + 7700 Dual</u>	1919	735	NA	NA
<u>Radeon HD 7560D + HD 6570 Dual</u>	1237	940	NA	NA
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	845	NA	NA
<u>Radeon HD 7560D + HD 7000 Dual</u>	534	1488	NA	NA
<u>Radeon HD 7560D + HD 7600 Dual</u>	1258	931	NA	NA
<u>Radeon HD 7560D + HD 7670 Dual</u>	1380	898	NA	NA
<u>Radeon HD 7560D + HD 7700 Dual</u>	1346	905	NA	NA
<u>Radeon HD 7560D + HD 8570 Dual</u>	935	1091	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7560D + R5 235 Dual</u>	563	1454	NA	NA
<u>Radeon HD 7570</u>	626	1370	6.11	\$102.49*

<u>Radeon HD 7570M</u>	428	1603	NA	NA
<u>Radeon HD 7570M/HD 7670M</u>	699	1293	NA	NA
<u>Radeon HD 7580D</u>	350	1672	NA	NA
<u>Radeon HD 7600G</u>	309	1706	NA	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1649	NA	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1637	NA	NA
<u>Radeon HD 7600G + 7500M/7600M Dual</u>	405	1625	NA	NA
<u>Radeon HD 7600G + 7550M Dual</u>	423	1610	NA	NA
<u>Radeon HD 7600G + 8500M/8700M Dual</u>	333	1685	NA	NA
<u>Radeon HD 7600G + HD 7400M Dual</u>	328	1692	NA	NA
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	476	1549	NA	NA
<u>Radeon HD 7600G + HD 7550M Dual</u>	509	1517	NA	NA
<u>Radeon HD 7600G + HD 8670M Dual</u>	543	1477	NA	NA
<u>Radeon HD 7600G + HD Dual</u>	435	1599	NA	NA
<u>Radeon HD 7600G N HD 7600G + HD ON HD Dual</u>	526	1500	NA	NA
<u>Radeon HD 7600M + 7600M Dual</u>	773	1213	NA	NA
<u>Radeon HD 7610M</u>	632	1354	NA	NA
<u>Radeon HD 7620G</u>	359	1665	NA	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1518	NA	NA
<u>Radeon HD 7620G + 8670M Dual</u>	577	1433	NA	NA
<u>Radeon HD 7620G + HD 8600M Dual</u>	442	1593	NA	NA
<u>Radeon HD 7620G + HD 8670M Dual</u>	507	1520	NA	NA
<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	451	1587	NA	NA
<u>Radeon HD 7640G</u>	460	1575	NA	NA
<u>Radeon HD 7640G + 6400M Dual</u>	526	1499	NA	NA
<u>Radeon HD 7640G + 7400M Dual</u>	637	1346	NA	NA
<u>Radeon HD 7640G + 7450M Dual</u>	754	1235	NA	NA
<u>Radeon HD 7640G + 7470M Dual</u>	595	1407	NA	NA
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	1367	NA	NA
<u>Radeon HD 7640G + 7500M/7600M Dual</u>	775	1212	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	1288	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1516	NA	NA
<u>Radeon HD 7640G + 7650M Dual</u>	747	1242	NA	NA
<u>Radeon HD 7640G + 7670M Dual</u>	644	1342	NA	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	1083	NA	NA

<u>Radeon HD 7640G + 7700M Dual</u>	690	1297	NA	NA
<u>Radeon HD 7640G + 8500M Dual</u>	585	1424	NA	NA
<u>Radeon HD 7640G + 8570M Dual</u>	558	1461	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1299	NA	NA
<u>Radeon HD 7640G + 8600M Dual</u>	249	1765	NA	NA
<u>Radeon HD 7640G + 8670M Dual</u>	558	1460	NA	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	1329	NA	NA
<u>Radeon HD 7640G + HD 7400M Dual</u>	621	1373	NA	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1609	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	1290	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1624	NA	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1508	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7640G + HD 7700M Dual</u>	589	1416	NA	NA
<u>Radeon HD 7640G + HD 7700M N HD 7700M Dual</u>	630	1358	NA	NA
<u>Radeon HD 7640G + HD 8500M Dual</u>	607	1390	NA	NA
<u>Radeon HD 7640G + HD 8500M N HD 8500M Dual</u>	665	1319	NA	NA
<u>Radeon HD 7640G + HD 8570M Dual</u>	474	1556	NA	NA
<u>Radeon HD 7640G + HD 8600/8700M Dual</u>	586	1421	NA	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1312	NA	NA
<u>Radeon HD 7640G + HD 8750M Dual</u>	996	1052	NA	NA
<u>Radeon HD 7640G + R5 M200 Dual</u>	559	1457	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D</u>	824	1173	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7670M Dual</u>	679	1309	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 8570M Dual</u>	422	1612	NA	NA
<u>Radeon HD 7650A</u>	572	1443	2.19	\$262.00*
<u>Radeon HD 7650M</u>	442	1594	NA	NA
<u>Radeon HD 7660D</u>	502	1526	NA	NA
<u>Radeon HD 7660D + 6570 Dual</u>	1100	1000	NA	NA
<u>Radeon HD 7660D + 6670 Dual</u>	1238	939	NA	NA
<u>Radeon HD 7660D + 7470 Dual</u>	465	1566	NA	NA
<u>Radeon HD 7660D + 7500 Dual</u>	1121	987	NA	NA
<u>Radeon HD 7660D + 7540D Dual</u>	1204	957	NA	NA
<u>Radeon HD 7660D + 7670 Dual</u>	1061	1018	NA	NA
<u>Radeon HD 7660D + HD 6670 Dual</u>	1484	870	NA	NA

Radeon HD 7660D + HD 7000 Dual	633	1353	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1679	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	721	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1502	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1087	NA	NA
Radeon HD 7660G	475	1552	NA	NA
Radeon HD 7660G + 7400M Dual	588	1419	NA	NA
Radeon HD 7660G + 7470M Dual	630	1359	NA	NA
Radeon HD 7660G + 7600M Dual	831	1166	NA	NA
Radeon HD 7660G + 7610M Dual	745	1247	NA	NA
Radeon HD 7660G + 7670M Dual	743	1250	NA	NA
Radeon HD 7660G + 7700M Dual	757	1233	NA	NA
Radeon HD 7660G + 7730M Dual	931	1093	NA	NA
Radeon HD 7660G + 8600M Dual	445	1590	NA	NA
Radeon HD 7660G + 8670M Dual	587	1420	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1049	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1230	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1051	NA	NA
Radeon HD 7660G + HD 7600M Dual	523	1504	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1576	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1286	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1211	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1131	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1231	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1244	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1663	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1283	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1268	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1289	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1070	NA	NA
Radeon HD 7670	820	1177	NA	NA
Radeon HD 7670A	1050	1024	NA	NA
Radeon HD 7670M	473	1557	0.75	\$629.99*
Radeon HD 7670M + 7670M Dual	738	1258	NA	NA

Radeon HD 7690M	1003	1048	NA	NA
Radeon HD 7690M XT	1009	1044	NA	NA
Radeon HD 7700-serie	1899	739	NA	NA
Radeon HD 7730	1208	953	5.19	\$232.70*
Radeon HD 7730M	749	1240	NA	NA
Radeon HD 7750	1698	802	17.54	\$96.82
Radeon HD 7750M	1191	962	NA	NA
Radeon HD 7770	2169	670	7.23	\$300.00*
Radeon HD 7790	3090	515	22.07	\$139.99*
Radeon HD 7800-serie	4029	426	NA	NA
Radeon HD 7850	3855	439	22.68	\$169.99*
Radeon HD 7850M	1372	899	NA	NA
Radeon HD 7870	4640	388	26.37	\$176.00*
Radeon HD 7870 XT	4469	401	NA	NA
Radeon HD 7870M	1507	862	NA	NA
Radeon HD 7950 / R9 280	4764	380	36.04	\$132.20*
Radeon HD 7970 / R9 280X	5247	343	21.25	\$246.99*
Radeon HD 7970M	3846	441	NA	NA
Radeon HD 7990	5565	321	13.91	\$399.99*
Radeon HD 8180	138	1900	NA	NA
Radeon HD 8210	186	1835	NA	NA
Radeon HD 8210E	193	1826	NA	NA
Radeon HD 8240	238	1772	NA	NA
Radeon HD 8250	217	1794	NA	NA
Radeon HD 8280	260	1751	NA	NA
Radeon HD 8280E	236	1774	NA	NA
Radeon HD 8280G	269	1742	NA	NA
Radeon HD 8310E	340	1678	NA	NA
Radeon HD 8330	257	1757	NA	NA
Radeon HD 8330E	266	1746	NA	NA
Radeon HD 8350	162	1861	1.63	\$99.81*
Radeon HD 8350G	304	1711	NA	NA
Radeon HD 8370D	314	1704	NA	NA
Radeon HD 8400	261	1750	NA	NA
Radeon HD 8400E	268	1743	NA	NA

Radeon HD 8410G	435	1600	NA	NA
Radeon HD 8450G	364	1661	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1016	NA	NA
Radeon HD 8450G + 8600M Dual	545	1474	NA	NA
Radeon HD 8450G + 8670M Dual	474	1555	NA	NA
Radeon HD 8450G + 8750M Dual	637	1347	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1585	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8450G + HD 8670M Dual	574	1441	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1525	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1430	NA	NA
Radeon HD 8470	251	1763	NA	NA
Radeon HD 8470D	363	1664	NA	NA
Radeon HD 8470D + 6450 Dual	717	1277	NA	NA
Radeon HD 8470D + 6570 Dual	837	1155	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1138	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	881	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	847	NA	NA
Radeon HD 8490	263	1749	2.92	\$89.99*
Radeon HD 8500M	411	1618	NA	NA
Radeon HD 8500M/8700M	852	1146	NA	NA
Radeon HD 8510G	365	1659	NA	NA
Radeon HD 8510G + 8500M Dual	596	1405	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1362	NA	NA
Radeon HD 8550D	566	1450	NA	NA
Radeon HD 8550G	409	1620	NA	NA
Radeon HD 8550G + 7600M Dual	901	1112	NA	NA
Radeon HD 8550G + 8500M Dual	602	1398	NA	NA
Radeon HD 8550G + 8570M Dual	532	1492	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1190	NA	NA
Radeon HD 8550G + 8600M Dual	617	1377	NA	NA
Radeon HD 8550G + 8670M Dual	579	1429	NA	NA
Radeon HD 8550G + 8690M Dual	664	1322	NA	NA
Radeon HD 8550G + 8750M Dual	795	1199	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	1142	NA	NA

<u>Radeon HD 8550G + HD 8500M Dual</u>	558	1459	NA	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1498	NA	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1330	NA	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1409	NA	NA
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1472	NA	NA
<u>Radeon HD 8550G + HD 8750M Dual</u>	819	1179	NA	NA
<u>Radeon HD 8550G + R5 M200 Dual</u>	619	1375	NA	NA
<u>Radeon HD 8550G + R5 M230 Dual</u>	487	1541	NA	NA
<u>Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D</u>	611	1384	NA	NA
<u>Radeon HD 8570</u>	961	1074	9.74	\$98.68*
<u>Radeon HD 8570 + 8670D Dual</u>	620	1374	NA	NA
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	1078	NA	NA
<u>Radeon HD 8570D</u>	437	1598	NA	NA
<u>Radeon HD 8570D + 6570 Dual</u>	1239	938	NA	NA
<u>Radeon HD 8570D + 6670 Dual</u>	1039	1030	NA	NA
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1651	NA	NA
<u>Radeon HD 8570D + HD 6570 Dual</u>	868	1136	NA	NA
<u>Radeon HD 8570D + HD 6670 Dual</u>	1260	930	NA	NA
<u>Radeon HD 8570D + HD 7000 Dual</u>	753	1238	NA	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	757	NA	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1681	NA	NA
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	1032	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8570D + R5 235 Dual</u>	470	1561	NA	NA
<u>Radeon HD 8570D + R7 200 Dual</u>	999	1050	NA	NA
<u>Radeon HD 8570D + R7 240 Dual</u>	963	1072	NA	NA
<u>Radeon HD 8570M</u>	428	1604	NA	NA
<u>Radeon HD 8600/8700M</u>	1029	1033	NA	NA
<u>Radeon HD 8610G</u>	428	1605	NA	NA
<u>Radeon HD 8610G + 8500M Dual</u>	610	1388	NA	NA
<u>Radeon HD 8610G + 8600M Dual</u>	588	1417	NA	NA
<u>Radeon HD 8610G + 8670M Dual</u>	599	1401	NA	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	1341	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1546	NA	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1431	NA	NA

<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1313	NA	NA
<u>Radeon HD 8650D</u>	396	1633	NA	NA
<u>Radeon HD 8650G</u>	539	1484	NA	NA
<u>Radeon HD 8650G + 7600M Dual</u>	741	1252	NA	NA
<u>Radeon HD 8650G + 7670M Dual</u>	883	1129	NA	NA
<u>Radeon HD 8650G + 7700M Dual</u>	1126	986	NA	NA
<u>Radeon HD 8650G + 8500M Dual</u>	626	1368	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1331	NA	NA
<u>Radeon HD 8650G + 8600/8700M Dual</u>	831	1165	NA	NA
<u>Radeon HD 8650G + 8600M Dual</u>	613	1382	NA	NA
<u>Radeon HD 8650G + 8670M Dual</u>	635	1350	NA	NA
<u>Radeon HD 8650G + 8750M Dual</u>	786	1203	NA	NA
<u>Radeon HD 8650G + HD 7600M Dual</u>	819	1178	NA	NA
<u>Radeon HD 8650G + HD 7670M Dual</u>	634	1352	NA	NA
<u>Radeon HD 8650G + HD 8570M Dual</u>	716	1280	NA	NA
<u>Radeon HD 8650G + HD 8600/8700M Dual</u>	763	1226	NA	NA
<u>Radeon HD 8650G + HD 8600M Dual</u>	606	1391	NA	NA
<u>Radeon HD 8650G + HD 8600M N HD 8600M Dual</u>	757	1232	NA	NA
<u>Radeon HD 8650G + HD 8670M Dual</u>	585	1425	NA	NA
<u>Radeon HD 8650G + HD 8750M Dual</u>	778	1210	NA	NA
<u>Radeon HD 8650G + HD 8790M Dual</u>	799	1193	NA	NA
<u>Radeon HD 8650G + R5 M200 Dual</u>	722	1269	NA	NA
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1302	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u>	773	1214	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</u>	796	1197	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1308	NA	NA
<u>Radeon HD 8670D</u>	532	1491	NA	NA
<u>Radeon HD 8670D + 6670 Dual</u>	1361	903	NA	NA
<u>Radeon HD 8670D + 7000 Dual</u>	811	1184	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	773	NA	NA
<u>Radeon HD 8670D + 8570 Dual</u>	974	1065	NA	NA
<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	950	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	1275	NA	NA
<u>Radeon HD 8670D + HD 7600 Dual</u>	1317	912	NA	NA
<u>Radeon HD 8670D + HD 7700 Dual</u>	1892	740	NA	NA

<u>Radeon HD 8670D + R5 235 Dual</u>	836	1156	NA	NA
<u>Radeon HD 8670D + R5 330 Dual</u>	746	1245	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8670D + R7 200 Dual</u>	949	1077	NA	NA
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	1038	NA	NA
<u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u>	488	1539	NA	NA
<u>Radeon HD 8670M</u>	520	1507	NA	NA
<u>Radeon HD 8690A</u>	489	1538	NA	NA
<u>Radeon HD 8690M</u>	984	1058	NA	NA
<u>Radeon HD 8730M</u>	747	1243	NA	NA
<u>Radeon HD 8750M</u>	962	1073	NA	NA
<u>Radeon HD 8790M</u>	1305	921	NA	NA
<u>Radeon HD 8790M / R9 M290X</u>	1210	952	NA	NA
<u>Radeon HD 8850M</u>	973	1066	NA	NA
<u>Radeon HD 8850M / R9 M265X</u>	1139	980	NA	NA
<u>Radeon HD 8870M</u>	1638	814	NA	NA
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	771	NA	NA
<u>Radeon HD 8950</u>	2696	561	NA	NA
<u>Radeon HD 8970M</u>	3876	436	27.69	\$139.99*
<u>Radeon HD 8990</u>	5214	347	NA	NA
<u>Radeon HD HD7850M</u>	1651	811	NA	NA
<u>Radeon HDG 4670</u>	170	1850	NA	NA
<u>RADEON IGP 34xM</u>	1	2478	NA	NA
<u>RADEON IGP 320</u>	3	2421	NA	NA
<u>Radeon IGP 320M</u>	3	2428	NA	NA
<u>Radeon IGP 340M</u>	2	2466	NA	NA
<u>RADEON IGP 345M</u>	2	2455	NA	NA
<u>RADEON IGP 350M</u>	6	2359	NA	NA
<u>Radeon Infoshock 3000</u>	106	1995	NA	NA
<u>Radeon Instinct MI25 MxGPU</u>	4978	367	NA	NA
<u>Radeon M535DX</u>	749	1241	NA	NA
<u>Radeon Pro</u>	2324	632	4.01	\$579.99
<u>Radeon Pro 450</u>	2722	554	NA	NA
<u>Radeon Pro 455</u>	3112	513	6.93	\$449.00*
<u>Radeon Pro 460</u>	3452	479	NA	NA

Radeon Pro 465	4537	396	NA	NA
Radeon Pro 555	3140	512	2.99	\$1,049.00*
Radeon Pro 560	3475	478	NA	NA
Radeon Pro 560X	3677	459	NA	NA
Radeon Pro 570	6336	290	NA	NA
Radeon Pro 580	7753	246	NA	NA
Radeon Pro 580X	7540	252	NA	NA
Radeon Pro 5300	7229	260	NA	NA
Radeon Pro 5300M	5995	306	NA	NA
Radeon Pro 5500 XT	8330	226	NA	NA
Radeon Pro 5500M	6815	276	NA	NA
Radeon Pro 5600M	9414	195	NA	NA
Radeon Pro 5700	11844	153	NA	NA
Radeon Pro 5700 XT	12708	136	NA	NA
Radeon Pro Duo	8296	228	2.09	\$3,970.36*
Radeon PRO Ryzen 5 PRO 6650U	4066	424	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5691	314	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro SSG	10497	169	4.36	\$2,410.15*
Radeon Pro V340 MxGPU	2853	534	NA	NA
Radeon Pro V520 MxGPU	12257	147	NA	NA
Radeon Pro Vega 16	4682	385	NA	NA
Radeon Pro Vega 20	5299	341	NA	NA
Radeon Pro Vega 48	11299	161	NA	NA
Radeon Pro Vega 56	12353	144	NA	NA
Radeon Pro Vega 64	12984	130	NA	NA
Radeon Pro Vega II	15667	83	NA	NA
Radeon Pro VII	15441	90	NA	NA
Radeon Pro W5500	9133	202	22.28	\$409.99*
Radeon Pro W5500M	2010	701	NA	NA
Radeon Pro W5700	15421	92	23.73	\$649.99*
Radeon PRO W6300	6137	301	NA	NA
Radeon PRO W6400	8008	235	NA	NA
Radeon PRO W6600	16048	79	NA	NA
Radeon PRO W6600X	13113	128	NA	NA

Radeon PRO W6800	19967	44	10.79	\$1,849.99*
Radeon PRO W7600	18227	64	NA	NA
Radeon PRO W7800	29367	7	NA	NA
Radeon PRO W7900	30928	5	NA	NA
Radeon Pro WX 2100	1817	766	NA	NA
Radeon Pro WX 3100	2495	598	NA	NA
Radeon Pro WX 3200	2413	609	13.93	\$173.22
Radeon Pro WX 4100	3760	449	7.52	\$499.99*
Radeon Pro WX 4130	1928	730	NA	NA
Radeon Pro WX 4150	2380	617	3.90	\$610.04*
Radeon Pro WX 4170	1409	894	NA	NA
Radeon Pro WX 5100	5615	315	15.60	\$359.99*
Radeon Pro WX 7100	7927	239	7.56	\$1,047.99*
Radeon Pro WX 7130	6577	282	NA	NA
Radeon Pro WX 8200	13931	107	8.71	\$1,599.39*
Radeon Pro WX 9100	12960	133	NA	NA
Radeon Pro WX Vega M GL	4643	387	NA	NA
Radeon R1E	301	1714	NA	NA
Radeon R2	240	1770	NA	NA
Radeon R2E	212	1802	NA	NA
Radeon R3	303	1712	NA	NA
Radeon R3E	205	1812	NA	NA
Radeon R4	333	1686	0.84	\$396.99*
Radeon R4E	487	1542	NA	NA
Radeon R5 220	133	1915	1.56	\$85.26*
Radeon R5 230	221	1789	2.74	\$81.10*
Radeon R5 235	341	1675	5.68	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	1249	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1259	NA	NA
Radeon R5 235X	277	1737	NA	NA
Radeon R5 240	530	1497	6.24	\$85.00*
Radeon R5 310	331	1687	0.66	\$499.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 330	512	1514	1.51	\$339.99*
Radeon R5 340	984	1060	NA	NA

Radeon R5 420	574	1439	14.39	\$39.95*
Radeon R5 430	937	1089	15.89	\$59.00*
Radeon R5 435	840	1153	NA	NA
Radeon R5 A6-7480	683	1304	NA	NA
Radeon R5 A6-8500P	586	1422	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1394	NA	NA
Radeon R5 A6-9500 2C+6G	853	1144	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	925	1097	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1042	NA	NA
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	712	1282	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1376	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	716	1278	NA	NA
Radeon R5 A10-9620P 4C+6G	731	1260	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	686	1301	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1063	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	825	1172	NA	NA
Radeon R5 A240	576	1435	NA	NA
Radeon R5 M230	413	1617	NA	NA
Radeon R5 M240	424	1607	NA	NA
Radeon R5 M255	532	1493	NA	NA
Radeon R5 M315	473	1558	NA	NA
Radeon R5 M320	439	1596	NA	NA
Radeon R5 M330	595	1406	NA	NA
Radeon R5 M335	548	1469	NA	NA
Radeon R5 M420	488	1540	NA	NA
Radeon R5 M430	648	1336	NA	NA
Radeon R5 M435	801	1191	NA	NA
Radeon R5 Opteron X3216	394	1634	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1519	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	472	1559	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1298	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1151	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1057	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1345	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	799	1192	NA	NA

<u>Radeon R5 PRO A6-9500 2C+6G</u>	1096	1004	NA	NA
<u>Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G</u>	832	1163	NA	NA
<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	1296	NA	NA
<u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u>	408	1621	NA	NA
<u>Radeon R5 PRO A6-9500E 2C+4G</u>	770	1220	NA	NA
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	658	1326	NA	NA
<u>Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G</u>	562	1455	NA	NA
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	695	1294	NA	NA
<u>Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</u>	631	1355	NA	NA
<u>Radeon R5E</u>	296	1718	NA	NA
<u>Radeon R6</u>	613	1381	NA	NA
<u>Radeon R6 + R7 M265DX Dual</u>	570	1447	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R6 A8-8600P</u>	474	1554	NA	NA
<u>Radeon R6 A10-8700P</u>	534	1489	NA	NA
<u>Radeon R6 A10-9600P 4C+6G</u>	970	1068	NA	NA
<u>Radeon R6 M255DX</u>	605	1393	NA	NA
<u>Radeon R6 Opteron X3418</u>	955	1076	NA	NA
<u>Radeon R6 PRO A8-8600B 4C+6G</u>	531	1495	NA	NA
<u>Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G</u>	590	1414	NA	NA
<u>Radeon R6 PRO A10-8700B 4C+6G</u>	538	1487	NA	NA
<u>Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G</u>	531	1494	NA	NA
<u>Radeon R7 240</u>	890	1125	8.10	\$109.99*
<u>Radeon R7 240 + HD 8570D Dual</u>	917	1103	NA	NA
<u>Radeon R7 240 + HD 8670D Dual</u>	930	1094	NA	NA
<u>Radeon R7 250</u>	1082	1009	5.70	\$189.97*
<u>Radeon R7 250X</u>	2268	650	11.70	\$194.00*
<u>Radeon R7 260</u>	2891	532	32.13	\$89.99*
<u>Radeon R7 260X</u>	3174	509	22.68	\$139.99*
<u>Radeon R7 340</u>	1027	1035	NA	NA
<u>Radeon R7 360</u>	3062	517	20.97	\$145.99*
<u>Radeon R7 370</u>	4513	399	NA	NA
<u>Radeon R7 430</u>	1110	995	7.38	\$150.58*
<u>Radeon R7 450</u>	1938	727	6.48	\$299.00*
<u>Radeon R7 7850A10-7850K</u>	551	1467	NA	NA

Radeon R7 +8G	1190	963	NA	NA
Radeon R7 + HD 7700 Dual	1962	719	NA	NA
Radeon R7 + R5 330 Dual	1028	1034	NA	NA
Radeon R7 + R5 340 Dual	1234	941	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1127	NA	NA
Radeon R7 + R5 Dual	897	1116	NA	NA
Radeon R7 + R7 200 Dual	1077	1013	NA	NA
Radeon R7 + R7 240 Dual	1045	1027	NA	NA
Radeon R7 + R7 250 Dual	1232	942	NA	NA
Radeon R7 + R7 350 Dual	1982	712	NA	NA
Radeon R7 A8 PRO-7600B	666	1318	NA	NA
Radeon R7 A8-7500	907	1110	NA	NA
Radeon R7 A8-7500 4C+6G	853	1145	NA	NA
Radeon R7 A8-7600	784	1205	NA	NA
Radeon R7 A8-7650K	725	1266	NA	NA
Radeon R7 A8-7670K	848	1150	NA	NA
Radeon R7 A8-7680	821	1176	NA	NA
Radeon R7 A8-8650	912	1106	NA	NA
Radeon R7 A8-9600 RADEON	833	1162	NA	NA
Radeon R7 A10 Extreme Edition	816	1181	NA	NA
Radeon R7 A10 PRO-7800B	835	1159	NA	NA
Radeon R7 A10 PRO-7850B	882	1130	NA	NA
Radeon R7 A10-7700K	787	1202	NA	NA
Radeon R7 A10-7800	718	1274	NA	NA
Radeon R7 A10-7850K	979	1062	NA	NA
Radeon R7 A10-7860K	923	1101	NA	NA
Radeon R7 A10-7870K	1129	985	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7890K	850	1148	NA	NA
Radeon R7 A10-8750	843	1152	NA	NA
Radeon R7 A10-8850	773	1216	NA	NA
Radeon R7 A10-9700 RADEON	924	1100	NA	NA
Radeon R7 A10-9700E RADEON	1108	997	NA	NA
Radeon R7 A12-9700P RADEON	740	1254	1.70	\$435.92*
Radeon R7 A12-9720P RADEON	741	1253	2.03	\$365.48*

Radeon R7 A12-9730P RADEON	1047	1026	NA	NA
Radeon R7 A12-9800 RADEON	1118	991	NA	NA
Radeon R7 A12-9800E RADEON	891	1124	6.41	\$139.19*
Radeon R7 A265	993	1054	NA	NA
Radeon R7 A360	629	1361	NA	NA
Radeon R7 A365	781	1209	NA	NA
Radeon R7 A370	1281	927	NA	NA
Radeon R7 FX-8800P	829	1169	NA	NA
Radeon R7 FX-9800P RADEON	740	1255	1.40	\$530.00*
Radeon R7 FX-9830P RADEON	1507	861	NA	NA
Radeon R7 G	869	1135	NA	NA
Radeon R7 M260	491	1536	0.61	\$799.00*
Radeon R7 M260DX	816	1180	NA	NA
Radeon R7 M260X	1008	1045	NA	NA
Radeon R7 M265	543	1478	NA	NA
Radeon R7 M265DX	498	1528	NA	NA
Radeon R7 M270	766	1225	NA	NA
Radeon R7 M340	662	1323	NA	NA
Radeon R7 M350	1134	982	NA	NA
Radeon R7 M360	570	1446	NA	NA
Radeon R7 M365X	768	1223	NA	NA
Radeon R7 M370	1417	889	NA	NA
Radeon R7 M380	1668	807	NA	NA
Radeon R7 M440	897	1117	NA	NA
Radeon R7 M445	945	1084	1.27	\$744.00*
Radeon R7 M460	1117	993	NA	NA
Radeon R7 M465	1157	977	NA	NA
Radeon R7 M465X	1623	819	NA	NA
Radeon R7 Opteron X3421	1168	970	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1208	NA	NA
Radeon R7 PRO A8-8650B	728	1262	NA	NA
Radeon R7 PRO A8-8670E	1309	916	NA	NA
Radeon R7 PRO A8-9600	873	1133	NA	NA
Radeon R7 PRO A10-8750B	767	1224	NA	NA
Radeon R7 PRO A10-8770	899	1115	NA	NA

Radeon R7 PRO A10-8770E	826	1171	NA	NA
Radeon R7 PRO A10-8850B	945	1085	NA	NA
Radeon R7 PRO A10-9700	805	1188	NA	NA
Radeon R7 PRO A10-9700B	669	1316	NA	NA
Radeon R7 PRO A10-9700E	967	1069	1.83	\$529.00*
Radeon R7 PRO A12-8800B	597	1403	NA	NA
Radeon R7 PRO A12-8830B	593	1408	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A12-8870	904	1111	NA	NA
Radeon R7 PRO A12-8870E	946	1081	NA	NA
Radeon R7 PRO A12-9800	933	1092	NA	NA
Radeon R7 PRO A12-9800B	702	1291	NA	NA
Radeon R7 PRO A12-9800E	942	1086	NA	NA
Radeon R7E	564	1453	NA	NA
Radeon R8 M365DX	599	1402	NA	NA
Radeon R8 M445DX	795	1200	NA	NA
Radeon R8 M535DX	670	1315	NA	NA
Radeon R9 255	1456	875	4.23	\$344.16*
Radeon R9 260	3181	507	NA	NA
Radeon R9 270	4306	413	NA	NA
Radeon R9 270 / R7 370	4259	416	19.98	\$213.16*
Radeon R9 270X	4913	370	15.05	\$326.50*
Radeon R9 280	5585	317	NA	NA
Radeon R9 280X	6237	294	NA	NA
Radeon R9 285 / 380	5549	322	11.44	\$485.00*
Radeon R9 290	8358	225	NA	NA
Radeon R9 290 / 390	8150	231	21.45	\$380.00*
Radeon R9 290X	8664	216	NA	NA
Radeon R9 290X / 390X	8389	222	26.22	\$319.99*
Radeon R9 295X2	8637	218	17.31	\$499.10*
Radeon R9 350	2018	699	6.75	\$299.00*
Radeon R9 360	3031	519	22.64	\$133.89*
Radeon R9 370	4722	384	29.51	\$159.99*
Radeon R9 380	6207	297	68.98	\$89.99*
Radeon R9 380X	6236	295	17.82	\$349.99*

Radeon R9 390	8987	208	NA	NA
Radeon R9 390X	9452	194	NA	NA
Radeon R9 Fury	9620	188	21.71	\$443.10*
Radeon R9 Fury + Fury X	9741	185	21.65	\$449.99*
Radeon R9 Fury X	10017	180	NA	NA
Radeon R9 M265X	1117	992	NA	NA
Radeon R9 M270X	1204	958	NA	NA
Radeon R9 M275	1114	994	1.59	\$699.99*
Radeon R9 M275X	1537	853	NA	NA
Radeon R9 M275X / M375	1574	838	NA	NA
Radeon R9 M280X	813	1183	NA	NA
Radeon R9 M290X	3233	500	NA	NA
Radeon R9 M295X	5150	354	3.55	\$1,449.00*
Radeon R9 M360	1839	754	NA	NA
Radeon R9 M365X	1481	871	NA	NA
Radeon R9 M370X	1513	858	1.70	\$889.00*
Radeon R9 M375	957	1075	NA	NA
Radeon R9 M375X	1771	778	NA	NA
Radeon R9 M380	2770	543	NA	NA
Radeon R9 M385	2060	691	NA	NA
Radeon R9 M385X	1993	707	NA	NA
Radeon R9 M390X	3346	491	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M395	5023	364	NA	NA
Radeon R9 M395X	5194	350	NA	NA
Radeon R9 M470	2330	631	NA	NA
Radeon R9 M470X	3244	499	NA	NA
Radeon R9 M485X	3660	461	NA	NA
Radeon RX590 GME	8524	219	NA	NA
Radeon RX 460	4110	422	24.64	\$166.81*
Radeon RX 470/570	8043	233	20.68	\$388.99*
Radeon RX 480	8663	217	25.48	\$339.99*
Radeon RX 540	1878	742	NA	NA
Radeon RX 550	2701	559	12.06	\$223.99
Radeon RX 550X	2280	645	NA	NA

Radeon RX 560	3645	462	16.88	\$215.99
Radeon RX 560X	3194	505	NA	NA
Radeon RX 570X	1923	734	8.12	\$236.71*
Radeon RX 580	8900	212	49.45	\$179.99*
Radeon RX 580 2048SP	7736	247	NA	NA
Radeon RX 580X	7798	244	NA	NA
Radeon RX 590	9491	191	17.26	\$549.99*
Radeon RX 640	1951	723	NA	NA
Radeon RX 5300	7687	248	NA	NA
Radeon RX 5300M	4307	412	NA	NA
Radeon RX 5500	8834	213	NA	NA
Radeon RX 5500 XT	9182	201	49.64	\$184.99*
Radeon RX 5500M	5415	332	NA	NA
Radeon RX 5600	11507	158	NA	NA
Radeon RX 5600 OEM	12038	149	NA	NA
Radeon RX 5600 XT	13769	112	25.27	\$545.00*
Radeon RX 5600M	8325	227	NA	NA
Radeon RX 5700	14603	101	47.11	\$309.99*
Radeon RX 5700 XT	16785	71	38.71	\$433.56*
Radeon RX 5700 XT 50th Anniversary	16625	73	NA	NA
Radeon RX 6300	6544	286	NA	NA
Radeon RX 6400	7451	257	46.88	\$158.93
Radeon RX 6500	7469	256	NA	NA
Radeon RX 6500 XT	9479	193	52.67	\$179.99
Radeon RX 6500M	7930	237	NA	NA
Radeon RX 6550M	9668	186	NA	NA
Radeon RX 6600	15131	94	45.99	\$329.00*
Radeon RX 6600 XT	16456	76	52.24	\$314.99
Radeon RX 6600M	13649	115	71.85	\$189.99
Radeon RX 6600S	14896	96	NA	NA
Radeon RX 6650 XT	17470	68	48.89	\$357.33
Radeon RX 6650M	13676	113	NA	NA
Radeon RX 6700	18765	56	NA	NA
Radeon RX 6700 XT	19888	46	64.16	\$309.99
Radeon RX 6700M	13283	125	49.20	\$269.99

Radeon RX 6700S	14875	97	NA	NA
Radeon RX 6750 XT	20889	39	48.32	\$432.27
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6800	22288	31	57.15	\$389.99
Radeon RX 6800 XT	25158	19	51.35	\$489.99
Radeon RX 6800M	13182	126	NA	NA
Radeon RX 6800S	15422	91	NA	NA
Radeon RX 6850M	12274	146	NA	NA
Radeon RX 6850M XT	18417	60	NA	NA
Radeon RX 6900 XT	26964	12	38.41	\$701.99
Radeon RX 6950 XT	28559	10	35.34	\$808.14
Radeon RX 7600	16074	78	64.30	\$249.99
Radeon RX 7600M XT	10629	168	NA	NA
Radeon RX 7600S	13428	120	NA	NA
Radeon RX 7700 XT	21641	35	50.33	\$429.99
Radeon RX 7700S	13485	119	NA	NA
Radeon RX 7800 XT	23662	23	47.33	\$499.99
Radeon RX 7900 GRE	25076	20	NA	NA
Radeon RX 7900 XT	28919	8	31.78	\$909.99
Radeon RX 7900 XTX	31186	4	33.90	\$919.99
Radeon RX 7900M	21231	36	NA	NA
Radeon RX Vega11	1605	825	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1356	904	NA	NA
Radeon RX Vega 8	1487	868	NA	NA
Radeon RX Vega 10	1645	813	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1512	859	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1820	762	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1585	834	NA	NA
Radeon RX Vega 11	2122	677	2.12	\$1,002.00*
Radeon RX Vega 11 PRD	2401	613	NA	NA
Radeon RX Vega 11 Processor	1828	759	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1572	841	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2158	672	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2056	693	NA	NA
Radeon RX Vega 56	13419	121	17.82	\$752.99*

Radeon RX Vega 64	14478	104	19.30	\$749.99*
Radeon RX Vega - Renoir Ryzen 3 5300U	2340	628	NA	NA
Radeon RX Vega M GH	6575	283	NA	NA
Radeon RX Vega M GL	3623	463	NA	NA
Radeon Ryzen 3 3250U	807	1186	NA	NA
Radeon Ryzen 3 5300U	1574	839	NA	NA
Radeon Ryzen 3 5425U	1597	832	NA	NA
Radeon Ryzen 3 7330U	1723	796	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	886	NA	NA
Radeon Ryzen 3 PRO 5450U	1781	775	NA	NA
Radeon Ryzen 3 PRO 7330U	2126	675	NA	NA
Radeon Ryzen 5 3450U	1063	1017	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	772	NA	NA
Radeon Ryzen 5 5500U	2123	676	NA	NA
Radeon Ryzen 5 5560U	2005	705	NA	NA
Radeon Ryzen 5 5600GE	2519	592	NA	NA
Radeon Ryzen 5 5600H	2416	607	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 5600U	2092	684	NA	NA
Radeon Ryzen 5 5625U	2168	671	NA	NA
Radeon Ryzen 5 6600H	4014	427	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3851	440	NA	NA
Radeon Ryzen 5 6600U	3565	469	NA	NA
Radeon Ryzen 5 7530U	2213	666	NA	NA
Radeon Ryzen 5 7535HS	4155	420	NA	NA
Radeon Ryzen 5 7535U	3791	447	NA	NA
Radeon Ryzen 5 7600 6-Core	1988	710	NA	NA
Radeon Ryzen 5 7600X 6-Core	1739	789	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2084	686	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	618	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	621	NA	NA
Radeon Ryzen 5 PRO 5650G	2296	640	NA	NA
Radeon Ryzen 5 PRO 5650GE	2287	642	NA	NA
Radeon Ryzen 5 PRO 5675U	1812	767	NA	NA
Radeon Ryzen 5 PRO 6650U	3674	460	NA	NA

Radeon Ryzen 7 3700U	1400	896	NA	NA
Radeon Ryzen 7 4700G	2596	580	NA	NA
Radeon Ryzen 7 4700GE	2610	574	NA	NA
Radeon Ryzen 7 4700U	2054	694	NA	NA
Radeon Ryzen 7 4800H	3820	444	NA	NA
Radeon Ryzen 7 4800HS	4817	375	NA	NA
Radeon Ryzen 7 4800U	2296	639	NA	NA
Radeon Ryzen 7 5700U	2284	643	NA	NA
Radeon Ryzen 7 5800H	2769	544	NA	NA
Radeon Ryzen 7 5800HS	2693	562	NA	NA
Radeon Ryzen 7 5800U	2409	612	NA	NA
Radeon Ryzen 7 5825U	2385	616	NA	NA
Radeon Ryzen 7 6800H	5440	328	NA	NA
Radeon Ryzen 7 6800HS	6566	284	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5385	333	NA	NA
Radeon Ryzen 7 6800U	4547	394	NA	NA
Radeon Ryzen 7 7700 8-Core	1708	800	NA	NA
Radeon Ryzen 7 7700X 8-Core	2371	619	NA	NA
Radeon Ryzen 7 7730U	2501	595	NA	NA
Radeon Ryzen 7 7735H	5609	316	NA	NA
Radeon Ryzen 7 7735HS	5424	330	NA	NA
Radeon Ryzen 7 7735U	5139	356	NA	NA
Radeon Ryzen 7 7736U	5790	310	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1692	803	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2281	644	NA	NA
Radeon Ryzen 7 PRO 4750G	2607	575	NA	NA
Radeon Ryzen 7 PRO 4750GE	2294	641	NA	NA
Radeon Ryzen 7 PRO 4750U	2041	695	NA	NA
Radeon Ryzen 7 PRO 5875U	1965	718	NA	NA
Radeon Ryzen 7 PRO 6850H	5750	312	NA	NA
Radeon Ryzen 7 PRO 6850HS	5212	348	NA	NA
Radeon Ryzen 7 PRO 6850U	5180	352	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 PRO 6860Z	4636	389	NA	NA
Radeon Ryzen 7 PRO 7730U	2516	594	NA	NA

Radeon Ryzen 7 PRO 7745 8-Core	1486	869	NA	NA
Radeon Ryzen 9 4900H	2558	584	NA	NA
Radeon Ryzen 9 4900HS	7185	263	NA	NA
Radeon Ryzen 9 6900HS	7515	253	NA	NA
Radeon Ryzen 9 6900HX	5272	342	NA	NA
Radeon Ryzen 9 7900 12-Core	2965	525	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1147	979	NA	NA
Radeon Ryzen 9 7900X 12-Core	3197	504	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1604	826	NA	NA
Radeon Ryzen 9 7950X 16-Core	5467	327	NA	NA
Radeon Ryzen 9 PRO 6950HS	4558	392	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1731	792	NA	NA
Radeon Ryzen Embedded R2514	1060	1019	NA	NA
Radeon Ryzen Embedded R2544	1747	785	NA	NA
Radeon Ryzen Embedded V2516	1527	854	NA	NA
Radeon Ryzen Embedded V2718	1981	714	NA	NA
Radeon Ryzen Embedded V2748	1842	752	NA	NA
Radeon Sky 500	4763	381	NA	NA
Radeon TM R9 A360	2105	681	NA	NA
Radeon VE	2	2471	NA	NA
Radeon Vega 2	506	1522	NA	NA
Radeon Vega 3	891	1123	0.33	\$2,677.99*
Radeon Vega 3 3020e	604	1396	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1028	NA	NA
Radeon Vega 3 Athlon 300U	884	1128	NA	NA
Radeon Vega 3 Athlon 320GE	714	1281	NA	NA
Radeon Vega 3 Athlon 3000G	1024	1037	NA	NA
Radeon Vega 3 Athlon Gold 3150U	612	1383	NA	NA
Radeon Vega 3 Athlon Silver 3050e	552	1466	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1141	NA	NA
Radeon Vega 3 Mobile	1025	1036	NA	NA
Radeon Vega 3 Ryzen 3 3200U	850	1147	NA	NA
Radeon Vega 3 Ryzen 3 3250U	805	1189	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1666	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	771	1219	NA	NA

Radeon Vega 6	1309	919	0.73	\$1,799.99*
Radeon Vega 6 Ryzen 3 3300U	1301	922	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1526	855	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1432	883	NA	NA
Radeon Vega 8	1585	835	12.49	\$126.86*
Radeon Vega 8 Mobile	1414	890	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1930	729	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1741	788	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1622	820	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1254	932	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1410	893	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1672	806	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1405	895	NA	NA
Radeon Vega 9	1581	836	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1287	926	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1435	882	NA	NA
Radeon Vega 10	1568	844	NA	NA
Radeon Vega 10 Mobile	1481	872	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1598	831	NA	NA
Radeon Vega 11	1822	761	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	1782	774	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1960	720	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1800	770	NA	NA
Radeon Vega Frontier Edition	13337	124	7.94	\$1,679.99*
Radeon VII	16753	72	8.82	\$1,899.95*
RADEON X300SE	38	2219	NA	NA
RADEON X550	50	2166	NA	NA
RADEON X550XT	56	2153	NA	NA
Radeon X550XTX	70	2102	NA	NA
RADEON X600 256MB HyperMemory	56	2152	NA	NA
RADEON X600 PRO	67	2121	0.42	\$160.49*
RADEON X600 SE	49	2174	0.87	\$56.18*
RADEON X600XT	91	2045	NA	NA
RADEON X700	72	2096	NA	NA

RADEON X700 PRO	75	2087	NA	NA
RADEON X700 SE	71	2100	NA	NA
RADEON X800 GT	84	2064	NA	NA
RADEON X800 GTO	114	1967	NA	NA
RADEON X800 PRO	64	2129	NA	NA
RADEON X800 PRO/GTO	73	2093	NA	NA
RADEON X800 SE	129	1921	NA	NA
RADEON X800 XL	69	2110	NA	NA
RADEON X800 XT	97	2027	NA	NA
RADEON X800 XT Platinum Edition	81	2076	NA	NA
RADEON X800GT	79	2082	NA	NA
RADEON X850 PRO	72	2095	NA	NA
RADEON X850 XT	81	2078	NA	NA
RADEON X850 XT Platinum Edition	81	2070	NA	NA
Radeon X1050	49	2173	NA	NA
Radeon X1200	32	2251	NA	NA
Radeon X1250	37	2223	NA	NA
Radeon X1270	31	2257	NA	NA
Radeon X1300	58	2145	0.61	\$95.78*
Radeon X1300 PRO	84	2062	NA	NA
Radeon X1550	66	2125	0.43	\$155.00*
Radeon X1550 64-bit	47	2179	NA	NA
Radeon X1600	49	2171	NA	NA
Radeon X1600 Pro	98	2019	NA	NA
Radeon X1600 Pro / X1300XT	69	2111	NA	NA
Radeon X1600 XT	115	1964	NA	NA
Radeon X1650 GTO	74	2089	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1650 Pro	84	2059	0.53	\$160.89*
Radeon X1650 SE	71	2101	NA	NA
Radeon X1700 Targa Edition	116	1962	NA	NA
Radeon X1800 GTO	140	1893	NA	NA
Radeon X1900 CrossFire Edition	137	1906	NA	NA
Radeon X1900 GT	145	1886	NA	NA
Radeon X1950 CrossFire Edition	151	1871	NA	NA

Radeon X1950 GT	106	1996	NA	NA
Radeon X1950 Pro	112	1975	NA	NA
RADEON XPRESS 200	29	2264	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2304	NA	NA
RADEON XPRESS 200M	22	2294	NA	NA
Radeon Xpress 1100	34	2241	NA	NA
Radeon Xpress 1150	29	2262	NA	NA
Radeon Xpress 1200	35	2231	NA	NA
Radeon Xpress 1250	42	2197	NA	NA
Radeon Xpress 1270	26	2273	NA	NA
Radeon Xpress 1300	52	2158	NA	NA
Radeon Xpress 1300M	40	2207	NA	NA
RadeonT 610M	1225	948	NA	NA
RadeonT 680M Ryzen 7 7735HS	4158	418	NA	NA
RadeonT 780M	6994	271	NA	NA
RadeonT RX 6850M XT	14122	106	NA	NA
Rage 128 Pro	1	2480	NA	NA
RAGE 128 PRO AGP 4X TMD5	1	2482	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2443	NA	NA
Red Hat QXL controller	31	2255	NA	NA
RGH Drivers v3	11	2324	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2420	NA	NA
RIVA TNT2/TNT2 Pro	3	2432	NA	NA
RTX 2000 Ada Generation Laptop GPU	15610	85	NA	NA
RTX 3000 Ada Generation Laptop GPU	18569	58	NA	NA
RTX 3500 Ada Generation Laptop GPU	20350	41	NA	NA
RTX 4000 Ada Generation	25226	18	NA	NA
RTX 4000 Ada Generation Laptop GPU	24063	21	NA	NA
RTX 4000 SFF Ada Generation	20931	38	NA	NA
RTX 5000 Ada Generation	14505	103	NA	NA
RTX 5000 Ada Generation Laptop GPU	22580	28	NA	NA
RTX 6000 Ada Generation	23103	25	NA	NA
RTX A500 Laptop GPU	7002	270	NA	NA
RTX A1000 6GB Laptop GPU	9925	181	NA	NA
RTX A1000 Laptop GPU	9548	189	NA	NA

RTX A2000	13788	111	17.93	\$768.99*
RTX A2000 8GB Laptop GPU	10929	165	NA	NA
RTX A2000 12GB	13643	116	NA	NA
RTX A2000 Laptop GPU	10034	179	NA	NA
RTX A3000 12GB Laptop GPU	14557	102	NA	NA
RTX A3000 Laptop GPU	12489	142	NA	NA
RTX A4000	19354	53	25.81	\$749.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A4000 Laptop GPU	15619	84	NA	NA
RTX A4500	21688	34	20.08	\$1,079.99*
RTX A4500 Embedded GPU	8372	223	NA	NA
RTX A4500 Laptop GPU	17580	67	NA	NA
RTX A5000	23133	24	10.37	\$2,229.99*
RTX A5000 Laptop GPU	15887	82	NA	NA
RTX A5500	21030	37	9.69	\$2,169.99*
RTX A5500 Laptop GPU	17649	66	NA	NA
RTX A6000	22833	26	5.56	\$4,109.99*
RV530 PRO	118	1954	NA	NA
Ryzen 3 4300G with Radeon Graphics	1950	724	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2251	655	NA	NA
Ryzen 3 4300U with Radeon Graphics	1346	906	NA	NA
Ryzen 3 5300G with Radeon Graphics	1940	725	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2004	706	NA	NA
Ryzen 3 5300U with Radeon Graphics	1545	848	NA	NA
Ryzen 3 5400U with Radeon Graphics	1625	818	NA	NA
Ryzen 3 5425U with Radeon Graphics	1677	805	NA	NA
Ryzen 3 7330U with Radeon Graphics	1758	781	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	784	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	849	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2172	669	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1875	743	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1541	850	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2336	629	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2234	660	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	829	NA	NA

Ryzen 3 PRO 5475U with Radeon Graphics	1431	885	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	711	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	864	NA	NA
Ryzen 5 4500U with Radeon Graphics	1817	765	NA	NA
Ryzen 5 4600G with Radeon Graphics	2395	615	NA	NA
Ryzen 5 4600H with Radeon Graphics	2251	654	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	224	NA	NA
Ryzen 5 4600U with Radeon Graphics	1884	741	NA	NA
Ryzen 5 5500U with Radeon Graphics	2008	702	NA	NA
Ryzen 5 5560U with Radeon Graphics	2114	678	NA	NA
Ryzen 5 5600G with Radeon Graphics	2574	583	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	577	NA	NA
Ryzen 5 5600H with Radeon Graphics	2410	611	NA	NA
Ryzen 5 5600U with Radeon Graphics	2181	668	NA	NA
Ryzen 5 5625U with Radeon Graphics	1990	709	NA	NA
Ryzen 5 6600HS Creator Edition	3685	457	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	501	NA	NA
Ryzen 5 7530U with Radeon Graphics	2355	625	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	472	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	637	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	879	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	703	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 Pro 4650G with Radeon Graphics	2418	606	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2091	685	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1719	797	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	596	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2458	602	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2061	690	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1732	791	NA	NA
Ryzen 5 PRO 6650U	3519	473	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3575	466	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	2307	636	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	821	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	667	NA	NA

Ryzen 7 4700GE with Radeon Graphics	2496	597	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	696	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	679	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	626	NA	NA
Ryzen 7 5700G with Radeon Graphics	2808	541	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2656	568	NA	NA
Ryzen 7 5700U with Radeon Graphics	2247	656	NA	NA
Ryzen 7 5800H with Radeon Graphics	2747	548	NA	NA
Ryzen 7 5800HS with Radeon Graphics	3213	502	NA	NA
Ryzen 7 5800U with Radeon Graphics	2358	624	NA	NA
Ryzen 7 5825U with Radeon Graphics	2318	633	NA	NA
Ryzen 7 6800H	5247	344	NA	NA
Ryzen 7 6800H with Radeon Graphics	4921	369	NA	NA
Ryzen 7 6800HS	5237	345	NA	NA
Ryzen 7 6800HS Creator Edition	5345	336	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6867	275	NA	NA
Ryzen 7 6800U	5006	365	NA	NA
Ryzen 7 6800U with Radeon Graphics	4844	372	NA	NA
Ryzen 7 7730U with Radeon Graphics	2399	614	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5306	340	NA	NA
Ryzen 7 Extreme Edition	2226	662	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	565	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	585	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	697	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2420	605	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2546	586	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2266	651	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	689	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	451	NA	NA
Ryzen 7 PRO 6850U	5580	318	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5042	363	NA	NA
Ryzen 7 PRO 6860Z	5076	358	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4788	376	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2634	571	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	320	NA	NA

<u>Ryzen 9 5900HX with Radeon Graphics</u>	2908	529	NA	NA
<u>Ryzen 9 6900HS</u>	8005	236	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Ryzen 9 6900HS with Radeon Graphics</u>	6331	291	NA	NA
<u>Ryzen 9 6900HX</u>	5415	331	NA	NA
<u>Ryzen 9 6900HX with Radeon Graphics</u>	4679	386	NA	NA
<u>Ryzen 9 PRO 6950H</u>	5758	311	NA	NA
<u>Ryzen 9 PRO 6950HS with Radeon Graphics</u>	5067	359	NA	NA
<u>S3 5400EW</u>	146	1884	NA	NA
<u>S3 Chrome 430 ULP</u>	39	2213	NA	NA
<u>S3 Chrome S25 DDR2</u>	18	2301	NA	NA
<u>S3 Chrome S27 DDR3</u>	33	2244	NA	NA
<u>S3 Inc. Savage4</u>	3	2441	NA	NA
<u>S3 ProSavageDDR</u>	1	2479	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2473	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2377	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	2181	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	1978	NA	NA
<u>SAPPHIRE Radeon X1550</u>	61	2136	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	1932	NA	NA
<u>Seria Radeon HD 7700</u>	1603	827	NA	NA
<u>SUMO 964A</u>	497	1530	NA	NA
<u>SUMO 9640</u>	650	1335	NA	NA
<u>SUMO 9644</u>	465	1565	NA	NA
<u>Surface Duo Adreno 640 GPU</u>	592	1410	NA	NA
<u>T400</u>	3619	464	20.11	\$179.99*
<u>T400 4GB</u>	3681	458	NA	NA
<u>T500</u>	3693	455	NA	NA
<u>T550 Laptop GPU</u>	4836	374	NA	NA
<u>T600</u>	6467	287	26.95	\$239.99*
<u>T600 Laptop GPU</u>	7094	266	NA	NA
<u>T1000</u>	7669	249	19.17	\$399.99
<u>T1000 8GB</u>	7586	250	NA	NA
<u>T1200 Laptop GPU</u>	7841	243	NA	NA
<u>TENSOR 1.0 Driver Intel HD 630</u>	1299	923	NA	NA

Tesla C2050	3175	508	11.76	\$269.99*
Tesla C2050 / C2070	3428	484	NA	NA
Tesla C2070	2839	535	4.70	\$604.00*
Tesla C2075	3016	521	4.67	\$646.00*
Tesla K20m	4330	410	NA	NA
Tesla K20Xm	2917	528	NA	NA
Tesla K40c	4494	400	NA	NA
Tesla K40m	3281	494	NA	NA
Tesla K80	6210	296	10.46	\$593.95*
Tesla M6	7509	254	37.73	\$199.00*
Tesla M10	3490	477	1.30	\$2,695.00*
Tesla M40	10182	174	16.97	\$600.00*
Tesla M40 24GB	10474	170	NA	NA
Tesla M60	7770	245	9.86	\$787.90*
Tesla M2070-Q	1305	920	NA	NA
Tesla P4	8666	215	NA	NA
Tesla P40	11395	159	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla P100-PCIE-16GB	7225	262	NA	NA
Tesla T4	10725	166	2.43	\$4,420.77
Tesla T10	12650	138	NA	NA
Tesla V100-PCIE-16GB	12983	131	NA	NA
TITAN RTX	19912	45	8.27	\$2,409.20*
TITAN V	19888	47	9.94	\$1,999.99*
TITAN V CEO Edition	16987	70	NA	NA
TITAN Xp COLLECTORS EDITION	19355	52	NA	NA
TRINITY DEVASTATOR MOBILE	699	1292	NA	NA
TRINITY SCRAPPER MOBILE	498	1529	NA	NA
V9560XT	6	2353	NA	NA
Vanta/Vanta LT	3	2445	NA	NA
VIA Chrome9 HC3 IGP	2	2457	NA	NA
VIA Chrome9 HC IGP	4	2406	NA	NA
VIA Chrome9 HC IGP Family	3	2418	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2430	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2469	NA	NA

