Video Card

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

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

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
3DP Edition	826	977	0.71	$1,159.99*
9xx Soldiers sans frontiers Sigma 2	21	2072	NA	NA
15FF	8229	167	NA	NA
64MB DDR GeForce3 Ti 200	5	2144	NA	NA
64MB GeForce2 MX with TV Out	2	2241	NA	NA
128 DDR Radeon 9700 TX w/TV-Out	44	1966	NA	NA
128 DDR Radeon 9800 Pro	62	1907	NA	NA
128MB DDR Radeon 9800 Pro	66	1896	NA	NA
128MB RADEON X600 SE	49	1946	0.87	$56.18*
256MB DDR Radeon 9800 XT	37	1993	NA	NA
256MB RADEON X600	67	1890	0.42	$160.49*
7900 MOD - Radeon HD 6520G	610	1176	NA	NA
7900 MOD - Radeon HD 6550D	892	924	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
A10G	18723	30	NA	NA
A16	5797	-1	NA	NA
A40	1625	629	NA	NA
ABIT Siluro T400	3	2196	NA	NA
ALL-IN-WONDER 9000	4	2162	NA	NA
ALL-IN-WONDER 9800	23	2066	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2148	NA	NA
ALL-IN-WONDER X800 GT	84	1828	NA	NA
All-in-Wonder X1800XL	30	2035	NA	NA
All-in-Wonder X1900	127	1694	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2221	NA	NA
ASUS A7000	9	2108	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2182	NA	NA
ASUS EAH4870x2	496	1303	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1067	NA	NA
ASUS V9520-X V62.11	7	2119	NA	NA
B8DKMDAP	4557	273	NA	NA
Barco MXRT 1450	205	1579	NA	NA
Barco MXRT 2600	900	920	4.52	$199.00*
Barco MXRT 5400	1161	769	5.72	$203.00*
Barco MXRT 5450	1079	807	5.40	$199.99*
Barco MXRT 5500	2701	409	9.04	$299.00*
Barco MXRT 5600	2465	452	3.50	$704.00*
Barco MXRT 7100	180	1610	NA	NA
Barco MXRT 7400	900	919	9.10	$99.00*
Barco MXRT 7500	4319	287	14.45	$299.00*
Barco MXRT 7600	4943	260	8.20	$602.59*
BASICDISPLAY	69	1879	NA	NA
CARRIZO 9874	246	-1	NA	NA
Citrix Indirect Display Adapter	4446	281	NA	NA
CONNECT 3D RADEON X300	36	1998	NA	NA
Custom GPU 0405	2541	437	NA	NA
Dell 8100	2	2247	0.00	$999.11*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
EAH5450	134	1680	1.22	$109.99*
EG PARK	141	-1	NA	NA
EIZO Quadro MED-XN51LP	4946	259	NA	NA
Embedded Radeon E9173	1798	595	NA	NA
Extreme AX850 PRO	120	1715	NA	NA
Familia Intel Q33 Express Chipset	10	2105	NA	NA
Famille de jeu de puces Express Intel 946GZ	7	2122	NA	NA
FireGL T2-128	30	2032	NA	NA
FireGL V3100	52	1929	NA	NA
FireGL V3200	84	1825	NA	NA
FireGL V3300	70	1876	NA	NA
FireGL V3350	68	1884	NA	NA
FireGL V3400	103	1776	NA	NA
FireGL V3600	179	1611	1.12	$160.99*
FireGL V5100	92	1806	0.81	$114.96*
FireGL V5200	114	1736	0.86	$133.40*
FireGL V5600	341	1445	1.52	$225.00*
FireGL V7100	71	1869	0.22	$328.67*
FireGL V7200	116	1728	NA	NA
FireGL V7300	128	1690	0.11	$1,189.99*
FireGL V7350	110	1752	0.93	$119.42*
FireGL V7600	615	1171	NA	NA
FireGL V7700	660	1120	9.43	$69.99*
FireGL V8600	838	964	NA	NA
FireGL V8650	550	1245	1.84	$298.99*
FireGL X1	59	1915	NA	NA
FireMV 2200 PCI	1	2264	NA	NA
FireMV 2200 PCIe	36	2000	0.40	$89.99*
FireMV 2250	45	1957	0.44	$104.00*
FireMV 2260	117	1723	1.33	$88.08*
FireMV 2400 PCIe	11	2100	NA	NA
FireMV 2450	73	1862	NA	NA

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

Video Card

FirePro 3D V3800	472	1326	3.15	$149.99*
FirePro 3D V4800	853	955	5.33	$159.99*
FirePro 3D V5700	546	1249	1.71	$319.99*
FirePro 3D V5800	1231	744	6.04	$204.00*
FirePro 3D V7750	545	1253	1.56	$350.00*
FirePro 3D V7800	1867	573	3.11	$599.99*
FirePro 3D V8700	1206	749	7.09	$170.07*
FirePro 3D V8750	1271	725	1.03	$1,230.99*
FirePro 3D V8800	2437	456	5.74	$424.99*
FirePro 3D V9800	2811	394	1.13	$2,499.00*
FirePro 2260	112	1741	NA	NA
FirePro 2270	147	1647	1.10	$134.00*
FirePro 2450	51	1937	0.57	$89.99*
FirePro 2460	170	1624	2.03	$83.99*
FirePro M2000	408	1391	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4000	1601	640	21.99	$72.83*
FirePro M4000 Mobility Pro	1591	642	NA	NA
Firepro M4100	1059	819	NA	NA
FirePro M4150	962	876	NA	NA
FirePro M4170	1067	813	NA	NA
FirePro M5100	2102	517	NA	NA
FirePro M5100 FireGL V	1839	581	NA	NA
FirePro M5950	1314	712	NA	NA
FirePro M6000	1820	586	5.58	$325.99*
FirePro M6000 Mobility Pro	1708	618	NA	NA
FirePro M6100	1863	574	NA	NA
FirePro M6100 FireGL V	2656	418	NA	NA
FirePro M7740	665	1111	NA	NA
FirePro M40003	1364	698	NA	NA
FirePro R5000	2646	419	24.06	$109.99*
FirePro RG220	335	1452	0.52	$650.18*
FirePro S7000	4166	295	16.90	$246.54*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro S9050	4901	262	NA	NA
FirePro S10000	5315	242	NA	NA
FirePro V3800	332	1454	2.66	$124.99*
FirePro V3900	661	1116	2.78	$238.44*
FirePro V4900	976	868	6.51	$149.99*
FirePro V5700	464	1340	2.47	$188.06*
FirePro V5800	1185	760	22.37	$53.00*
FirePro V5900	1264	726	14.71	$86.00*
FirePro V7000	3161	361	NA	NA
FirePro V7800	2033	526	10.70	$190.00*
FirePro V7900	2309	472	12.16	$190.00*
FirePro V8700	1538	659	9.75	$157.88*
FirePro V8800	2223	495	11.23	$198.00*
FirePro V9800	2726	404	5.75	$474.00*
FirePro W600	1751	609	4.22	$414.99*
FirePro W2100	891	925	15.10	$59.00*
FirePro W4100	1530	663	8.32	$184.00*
FirePro W4170M	956	879	NA	NA
Firepro W4190M	1096	799	NA	NA
FirePro W4300	2803	396	11.68	$239.99*
FirePro W5000	3055	373	16.61	$184.00*
FirePro W5100	2953	383	23.45	$125.99*
FirePro W5130M	1360	700	NA	NA
Firepro W5170M	1620	631	NA	NA
FirePro W6150M	1515	664	NA	NA
FirePro W7000	4278	290	15.39	$278.05*
FirePro W7000 Adapter	4339	285	NA	NA
FirePro W7100	5175	249	13.29	$389.30*
FirePro W7170M	3161	362	NA	NA
FirePro W8000	4137	297	7.22	$573.00*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
FirePro W8100	7313	193	10.39	$704.00*
FirePro W9000	6138	218	7.26	$845.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
FireStream 9250	1164	767	NA	NA
FireStream 9270	1341	705	NA	NA
FireStream 9370	2528	444	NA	NA
GeCube RADEON 7000	8	2110	NA	NA
GeForce2 Go	4	2188	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2193	NA	NA
GeForce2 Integrated GPU	4	2183	NA	NA
GeForce2 MX	2	2233	NA	NA
GeForce2 MX 100/200	3	2217	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2166	NA	NA
GeForce2 MX/MX 400	3	2195	NA	NA
GeForce2 Ti	4	2175	NA	NA
GeForce2 Ultra	6	2133	NA	NA
GeForce3	4	2163	NA	NA
GeForce3 Ti 200	4	2190	NA	NA
GeForce3 Ti 500	2	2243	NA	NA
GeForce4 420 Go	3	2214	NA	NA
GeForce4 420 Go 32M	5	2153	NA	NA
GeForce4 440	4	2160	NA	NA
GeForce4 440 Go	3	2201	NA	NA
GeForce4 440 Go 64M	5	2139	NA	NA
GeForce4 448 Go	5	2150	NA	NA
GeForce4 4200 Go	3	2194	NA	NA
GeForce4 MX 420	4	2167	NA	NA
GeForce4 MX 440	4	2178	NA	NA
GeForce4 MX 440 with AGP8X	4	2164	NA	NA
GeForce4 MX 440SE	4	2177	NA	NA
GeForce4 MX 460	4	2187	NA	NA
GeForce4 MX 4000	4	2181	NA	NA
GeForce4 MX Integrated GPU	6	2131	NA	NA
GeForce4 Ti 4200	5	2149	NA	NA
GeForce4 Ti 4400	7	2124	NA	NA
GeForce4 Ti 4600	5	2151	0.10	$53.99*

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

Video Card

GeForce9400M	105	1766	NA	NA
GeForce 205	126	1698	NA	NA
GeForce 210	97	1794	1.77	$54.92*
GeForce 240M GT	319	1470	NA	NA
GeForce 256	5	2158	0.12	$42.04*
GeForce 305M	150	1641	NA	NA
GeForce 310	120	1712	1.12	$108.35*
GeForce 310M	111	1748	NA	NA
GeForce 315	159	1630	4.83	$32.99*
GeForce 315M	116	1729	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 320M	218	1561	NA	NA
GeForce 405	120	1713	4.90	$24.64*
GeForce 410M	247	1533	NA	NA
GeForce 505	147	1648	1.28	$115.06*
GeForce 510	256	1525	3.67	$69.99*
GeForce 605	304	1479	2.23	$136.83*
GeForce 610M	293	1491	NA	NA
GeForce 615	551	1243	NA	NA
GeForce 705M	455	1347	NA	NA
GeForce 710A	486	1312	NA	NA
GeForce 710M	449	1356	NA	NA
GeForce 720A	662	1115	NA	NA
GeForce 730A	769	1021	NA	NA
GeForce 770M	3245	353	18.34	$176.99*
GeForce 800A	428	1377	NA	NA
GeForce 800M	468	1333	NA	NA
GeForce 810A	622	1159	NA	NA
GeForce 810M	409	1390	NA	NA
GeForce 820A	568	1227	NA	NA
GeForce 820M	509	1289	NA	NA
GeForce 825M	768	1023	NA	NA
GeForce 830A	1004	849	NA	NA

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

Video Card

GeForce 840M	1064	815	NA	NA
GeForce 845M	1429	681	NA	NA
GeForce 910M	578	1210	NA	NA
GeForce 920A	871	940	NA	NA
GeForce 920M	726	1062	NA	NA
GeForce 920MX	1086	804	NA	NA
GeForce 930A	1081	805	NA	NA
GeForce 930M	1006	847	NA	NA
GeForce 930MX	1299	721	NA	NA
GeForce 940A	1144	774	NA	NA
GeForce 940M	1106	791	NA	NA
GeForce 940MX	1506	667	NA	NA
GeForce 945A	1852	576	NA	NA
GeForce 945M	1944	558	NA	NA
GeForce 999 GTX	83	1833	NA	NA
GeForce 6100	27	2044	NA	NA
GeForce 6100 nForce 400	25	2053	NA	NA
GeForce 6100 nForce 405	24	2055	NA	NA
GeForce 6100 nForce 420	25	2052	NA	NA
GeForce 6100 nForce 430	23	2068	NA	NA
GeForce 6150	21	2071	0.07	$329.00*
GeForce 6150 LE	33	2019	NA	NA
GeForce 6150SE	24	2058	NA	NA
GeForce 6150SE nForce 430	29	2037	NA	NA
GeForce 6200	35	2004	0.35	$99.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6200 A-LE	32	2027	NA	NA
GeForce 6200 LE	28	2040	0.69	$41.24*
GeForce 6200 TurboCache	49	1944	NA	NA
GeForce 6200A	3	2204	0.07	$54.99*
GeForce 6200SE TurboCache	37	1996	NA	NA
GeForce 6500	38	1989	NA	NA
GeForce 6600	87	1821	0.33	$264.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
GeForce 6610 XL	88	1820	NA	NA
GeForce 6700 XL	95	1798	NA	NA
GeForce 6800	112	1742	0.20	$559.29*
GeForce 6800 GS	195	1592	NA	NA
GeForce 6800 GS/XT	102	1778	NA	NA
GeForce 6800 GT	142	1655	NA	NA
GeForce 6800 LE	109	1756	NA	NA
GeForce 6800 Ultra	138	1665	NA	NA
GeForce 6800 XE	58	1916	NA	NA
GeForce 6800 XT	128	1691	NA	NA
GeForce 7000M	13	2094	NA	NA
GeForce 7000M / nForce 610M	12	2095	NA	NA
GeForce 7025 / nForce 630a	34	2015	NA	NA
GeForce 7050 / nForce 610i	24	2060	NA	NA
GeForce 7050 / nForce 620i	39	1986	NA	NA
GeForce 7050 / nForce 630i	37	1992	NA	NA
GeForce 7050 PV / nForce 630a	30	2033	NA	NA
GeForce 7100 / nForce 620i	26	2048	NA	NA
GeForce 7100 / nForce 630i	35	2005	NA	NA
GeForce 7100 GS	51	1933	NA	NA
GeForce 7150 / nForce 630i	33	2022	NA	NA
GeForce 7150M / nForce 630M	18	2080	NA	NA
GeForce 7200 GS	23	2067	NA	NA
GeForce 7300 GS	81	1842	NA	NA
GeForce 7300 GT	135	1674	0.90	$149.99*
GeForce 7300 LE	81	1849	2.53	$32.00*
GeForce 7300 SE	39	1985	NA	NA
GeForce 7300 SE/7200 GS	48	1950	NA	NA
GeForce 7350 LE	74	1861	NA	NA
GeForce 7500 LE	89	1818	NA	NA
GeForce 7600 GS	157	1631	0.90	$175.00*
GeForce 7600 GT	203	1583	1.02	$199.00*
GeForce 7650 GS	134	1682	NA	NA

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

Video Card

GeForce 7800 GTX	290	1496	4.06	$71.60*
GeForce 7900 GS	253	1528	NA	NA
GeForce 7900 GT	258	1522	1.30	$199.00*
GeForce 7900 GT/GTO	247	1534	NA	NA
GeForce 7900 GTX	387	1409	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7950 GT	344	1443	1.69	$203.99*
GeForce 7950 GX2	201	1584	3.67	$54.99*
GeForce 7950 Xtreme	287	1498	NA	NA
GeForce 8100 / nForce 720a	79	1852	NA	NA
GeForce 8200	153	1638	NA	NA
GeForce 8200M G	71	1870	NA	NA
GeForce 8300	101	1782	4.48	$22.68*
GeForce 8300 GS	66	1892	NA	NA
GeForce 8400	81	1845	0.14	$589.99*
GeForce 8400 GS	126	1697	1.47	$85.97*
GeForce 8400 SE	68	1886	NA	NA
GeForce 8400M G	58	1917	NA	NA
GeForce 8400M GS	98	1789	1.25	$78.20*
GeForce 8400M GT	63	1901	NA	NA
GeForce 8500 GT	115	1731	NA	NA
GeForce 8600 GS	91	1811	NA	NA
GeForce 8600 GT	117	1722	0.60	$196.00*
GeForce 8600 GTS	161	1629	0.67	$241.99*
GeForce 8600M GS	73	1864	NA	NA
GeForce 8600M GT	89	1819	0.82	$108.10*
GeForce 8700M GT	124	1701	NA	NA
GeForce 8800 GS	332	1455	NA	NA
GeForce 8800 GT	519	1277	7.42	$69.99*
GeForce 8800 GTS	440	1366	5.50	$79.99*
GeForce 8800 GTS 512	591	1195	NA	NA
GeForce 8800 GTX	597	1188	4.98	$119.99*
GeForce 8800 Ultra	642	1137	NA	NA

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

Video Card

GeForce 9100	81	1838	NA	NA
GeForce 9100M G	74	1860	NA	NA
GeForce 9200	170	1622	NA	NA
GeForce 9200M GE	156	1633	NA	NA
GeForce 9200M GS	111	1747	NA	NA
GeForce 9300	126	1695	2.15	$59.00*
GeForce 9300 / nForce 730i	128	1689	NA	NA
GeForce 9300 GE	84	1831	3.66	$22.99*
GeForce 9300 GS	111	1751	1.85	$59.95*
GeForce 9300 SE	81	1843	NA	NA
GeForce 9300GE	97	1791	1.01	$97.20*
GeForce 9300M G	84	1827	NA	NA
GeForce 9300M GS	92	1810	2.12	$43.42*
GeForce 9400	111	1746	NA	NA
GeForce 9400 GT	104	1768	0.65	$159.99*
GeForce 9400M	74	1858	NA	NA
GeForce 9400M G	67	1889	NA	NA
GeForce 9450	104	1767	NA	NA
GeForce 9500 GS	157	1632	NA	NA
GeForce 9500 GT	134	1681	1.56	$85.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9500M	103	1774	1.02	$101.20*
GeForce 9500M G	121	1710	NA	NA
GeForce 9500M GS	103	1773	NA	NA
GeForce 9600 GS	281	1505	NA	NA
GeForce 9600 GSO	349	1441	6.99	$49.99*
GeForce 9600 GSO 512	345	1442	NA	NA
GeForce 9600 GT	503	1295	7.75	$64.99*
GeForce 9600M GS	119	1718	NA	NA
GeForce 9600M GT	131	1684	1.68	$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1490	NA	NA
GeForce 9650M GS	270	1510	NA	NA
GeForce 9650M GT	137	1672	1.17	$117.30*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
GeForce 9800 GT	479	1317	6.39	$74.99*
GeForce 9800 GT 1024MB	134	1679	NA	NA
GeForce 9800 GTX	769	1022	10.26	$74.99*
GeForce 9800 GTX+	510	1288	NA	NA
GeForce 9800 GTX/9800 GTX+	617	1167	6.86	$89.99*
GeForce 9800 GX2	797	998	4.09	$195.00*
GeForce 9800 S	635	1141	NA	NA
GeForce 9800M GS	460	1345	NA	NA
GeForce 9800M GT	381	1413	NA	NA
GeForce 9800M GTS	378	1415	NA	NA
GeForce 9800M GTX	461	1344	1.41	$328.50*
GeForce FX 5100	7	2118	NA	NA
GeForce FX 5200	7	2121	0.06	$129.00*
GeForce FX 5200 Ultra	12	2098	NA	NA
GeForce FX 5200LE	7	2125	0.16	$42.99*
GeForce FX 5200SE	11	2099	NA	NA
GeForce FX 5500	8	2113	0.05	$153.97*
GeForce FX 5600	12	2096	NA	NA
GeForce FX 5600 Ultra	17	2086	NA	NA
GeForce FX 5600XT	9	2109	NA	NA
GeForce FX 5700	40	1974	NA	NA
GeForce FX 5700 Ultra	34	2012	NA	NA
GeForce FX 5700LE	24	2059	NA	NA
GeForce FX 5700VE	33	2021	NA	NA
GeForce FX 5900	34	2009	NA	NA
GeForce FX 5900 Ultra	41	1972	NA	NA
GeForce FX 5900XT	40	1978	NA	NA
GeForce FX 5900ZT	32	2024	NA	NA
GeForce FX 5950 Ultra	59	1914	NA	NA
GeForce FX Go5300	12	2097	NA	NA
GeForce FX Go5650	16	2087	NA	NA
GeForce FX Go5700	51	1935	NA	NA
GeForce FX Go 5200	8	2111	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
GeForce G102M	133	1683	NA	NA
GeForce G105M	107	1761	NA	NA
GeForce G200	199	1586	NA	NA
GeForce G205M	91	1813	NA	NA
GeForce G210	102	1779	0.84	$122.12*
GeForce G210M	121	1709	NA	NA
GeForce G 103M	61	1908	NA	NA
GeForce G 105M	65	1898	NA	NA
GeForce Go 6100	17	2083	NA	NA
GeForce Go 6150	19	2076	NA	NA
GeForce Go 6200	15	2090	NA	NA
GeForce Go 6400	24	2061	NA	NA
GeForce Go 6600	69	1880	NA	NA
GeForce Go 6600 TE/6200 TE	44	1962	NA	NA
GeForce Go 6800	106	1765	NA	NA
GeForce Go 6800 Ultra	137	1668	NA	NA
GeForce Go 7200	45	1959	NA	NA
GeForce Go 7300	52	1931	NA	NA
GeForce Go 7400	65	1897	NA	NA
GeForce Go 7600	127	1692	NA	NA
GeForce Go 7600 GT	210	1572	NA	NA
GeForce Go 7700	147	1646	NA	NA
GeForce Go 7800	114	1734	NA	NA
GeForce Go 7800 GTX	209	1573	NA	NA
GeForce Go 7900 GS	176	1615	NA	NA
GeForce Go 7900 GTX	270	1509	NA	NA
GeForce Go 7950 GTX	263	1518	NA	NA
GeForce GPU	1233	741	NA	NA
GeForce GT625M	493	1305	NA	NA
GeForce GT 120	174	1617	5.82	$29.99*
GeForce GT 120 / 9500 GT	324	1464	NA	NA
GeForce GT 120M	265	1516	NA	NA

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

Video Card

GeForce GT 140	657	1123	NA	NA
GeForce GT 220	211	1571	5.28	$39.99*
GeForce GT 220M	121	1711	NA	NA
GeForce GT 230	321	1467	7.32	$43.99*
GeForce GT 230M	201	1585	NA	NA
GeForce GT 240	547	1248	3.40	$160.97*
GeForce GT 240M	205	1580	NA	NA
GeForce GT 320	448	1357	13.73	$32.69*
GeForce GT 320M	106	1762	NA	NA
GeForce GT 325M	170	1621	NA	NA
GeForce GT 330	421	1382	10.55	$39.99*
GeForce GT 330M	209	1574	NA	NA
GeForce GT 335M	399	1402	NA	NA
GeForce GT 340	774	1016	14.62	$52.99*
GeForce GT 415	247	1532	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 415M	286	1500	NA	NA
GeForce GT 420	410	1389	2.65	$155.00*
GeForce GT 420M	418	1385	NA	NA
GeForce GT 425M	516	1282	NA	NA
GeForce GT 430	604	1183	4.32	$139.99*
GeForce GT 435M	521	1275	NA	NA
GeForce GT 440	775	1015	3.45	$225.00*
GeForce GT 445M	880	934	NA	NA
GeForce GT 520	298	1487	0.98	$304.00*
GeForce GT 520M	287	1499	9.60	$29.95*
GeForce GT 520MX	290	1495	NA	NA
GeForce GT 525M	462	1342	NA	NA
GeForce GT 530	678	1099	13.85	$49.00*
GeForce GT 540M	491	1306	5.58	$87.95*
GeForce GT 545	1095	801	19.71	$55.59*
GeForce GT 550M	580	1208	NA	NA
GeForce GT 555M	669	1109	3.78	$177.20*

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

Video Card

GeForce GT 620	362	1430	2.36	$154.00*
GeForce GT 620M	432	1374	NA	NA
GeForce GT 625	340	1446	NA	NA
GeForce GT 625M	435	1371	NA	NA
GeForce GT 630	686	1089	4.67	$147.01*
GeForce GT 630M	544	1254	NA	NA
GeForce GT 635	843	961	12.59	$66.94*
GeForce GT 635M	562	1233	NA	NA
GeForce GT 640	1190	759	10.82	$109.99*
GeForce GT 640M	912	912	NA	NA
GeForce GT 640M LE	673	1106	0.79	$849.99*
GeForce GT 645	2005	540	NA	NA
GeForce GT 645M	949	888	NA	NA
GeForce GT 650M	1199	755	NA	NA
GeForce GT 705	354	1437	1.20	$296.76*
GeForce GT 710	637	1139	6.19	$102.99*
GeForce GT 710M	443	1364	NA	NA
GeForce GT 720	611	1173	6.12	$99.99*
GeForce GT 720A	600	1186	NA	NA
GeForce GT 720M	465	1336	NA	NA
GeForce GT 730	816	987	7.42	$109.99*
GeForce GT 730A	742	1053	NA	NA
GeForce GT 730M	817	986	NA	NA
GeForce GT 735M	591	1194	NA	NA
GeForce GT 740	1537	661	6.49	$236.99*
GeForce GT 740A	701	1082	NA	NA
GeForce GT 740M	780	1006	NA	NA
GeForce GT 745A	1144	775	NA	NA
GeForce GT 745M	1055	820	NA	NA
GeForce GT 750M	1311	713	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 755M	1602	639	NA	NA
GeForce GT 820M	603	1184	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
GeForce GTS 160M	678	1098	NA	NA
GeForce GTS 240	621	1160	9.57	$64.99*
GeForce GTS 250	620	1163	8.87	$69.99*
GeForce GTS 250M	569	1225	NA	NA
GeForce GTS 350M	407	1392	NA	NA
GeForce GTS 360M	664	1113	NA	NA
GeForce GTS 450	1321	708	16.53	$79.99*
GeForce GTX 260	1221	746	15.27	$79.99*
GeForce GTX 260M	411	1388	NA	NA
GeForce GTX 275	1400	689	3.24	$431.72*
GeForce GTX 280	1181	761	2.26	$522.78*
GeForce GTX 280M	621	1162	NA	NA
GeForce GTX 285	1539	658	12.83	$119.99*
GeForce GTX 285M	675	1104	NA	NA
GeForce GTX 295	1170	763	7.32	$159.99*
GeForce GTX 460	2295	479	25.51	$89.99*
GeForce GTX 460 SE	1973	549	12.34	$159.99*
GeForce GTX 460 v2	2004	541	10.02	$199.99*
GeForce GTX 460M	1201	754	NA	NA
GeForce GTX 465	2681	415	13.75	$195.00*
GeForce GTX 470	3151	363	52.54	$59.99*
GeForce GTX 470M	1953	556	NA	NA
GeForce GTX 480	4116	299	24.22	$169.99*
GeForce GTX 480M	2050	524	NA	NA
GeForce GTX 485M	2359	466	NA	NA
GeForce GTX 550 Ti	1552	653	15.53	$99.99*
GeForce GTX 555	1807	590	NA	NA
GeForce GTX 560	2708	408	13.21	$205.00*
GeForce GTX 560 SE	2006	539	22.29	$89.99*
GeForce GTX 560 Ti	3060	372	23.55	$129.99*
GeForce GTX 560M	1256	731	NA	NA
GeForce GTX 570	3902	306	26.02	$149.99*
GeForce GTX 570M	1909	564	NA	NA

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

Video Card

GeForce GTX 590	3366	345	7.74	$435.00*
GeForce GTX 645	1855	575	NA	NA
GeForce GTX 650	1762	605	16.02	$109.98*
GeForce GTX 650 Ti	2537	440	27.27	$93.05*
GeForce GTX 650 Ti BOOST	3335	350	NA	NA
GeForce GTX 660	4000	302	23.82	$167.95*
GeForce GTX 660 Ti	4369	283	30.34	$144.00*
GeForce GTX 660M	1422	685	18.01	$78.99*
GeForce GTX 670	5301	243	27.33	$193.98*
GeForce GTX 670M	1769	602	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 670MX	1869	572	NA	NA
GeForce GTX 675M	1934	560	NA	NA
GeForce GTX 675MX	2338	471	NA	NA
GeForce GTX 680	5563	235	13.94	$399.00*
GeForce GTX 680M	3076	371	22.62	$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	328	NA	NA
GeForce GTX 680MX	4270	291	NA	NA
GeForce GTX 690	5619	233	20.00	$280.99*
GeForce GTX 745	2170	506	7.62	$284.95*
GeForce GTX 750	3390	341	42.38	$79.99*
GeForce GTX 750 Ti	3917	304	44.46	$88.11*
GeForce GTX 760	4766	265	31.99	$149.00*
GeForce GTX 760 Ti	5205	248	17.50	$297.50*
GeForce GTX 760 Ti OEM	5427	239	NA	NA
GeForce GTX 760A	1059	818	NA	NA
GeForce GTX 760M	1676	622	NA	NA
GeForce GTX 765M	1970	550	10.58	$186.30*
GeForce GTX 770	5897	224	23.69	$249.00*
GeForce GTX 770M	2778	399	20.14	$138.00*
GeForce GTX 775M	4179	294	NA	NA
GeForce GTX 780	8039	172	28.71	$279.99*
GeForce GTX 780 Ti	9341	139	27.48	$339.99*

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

Video Card

GeForce GTX 850M	2557	433	NA	NA
GeForce GTX 850M - MODDED	1091	802	NA	NA
GeForce GTX 860M	3029	375	26.58	$114.00*
GeForce GTX 870M	3343	349	NA	NA
GeForce GTX 880M	3888	308	NA	NA
GeForce GTX 950	5390	241	37.96	$141.99*
GeForce GTX 950A	2483	449	NA	NA
GeForce GTX 950M	2596	429	4.58	$567.00*
GeForce GTX 960	6033	220	35.08	$172.00*
GeForce GTX 960A	2410	459	NA	NA
GeForce GTX 960M	3417	338	2.92	$1,169.00*
GeForce GTX 965M	3811	316	NA	NA
GeForce GTX 970	9673	129	40.65	$237.99*
GeForce GTX 970M	5766	228	27.46	$209.99*
GeForce GTX 970XM FORCE	6706	204	NA	NA
GeForce GTX 980	11243	104	45.45	$247.35*
GeForce GTX 980 Ti	13858	71	26.25	$527.93
GeForce GTX 980M	7302	194	25.18	$289.99*
GeForce GTX 1050	5082	253	25.91	$196.14
GeForce GTX 1050 (Mobile)	4461	279	NA	NA
GeForce GTX 1050 Ti	6307	212	33.20	$189.99
GeForce GTX 1050 Ti (Mobile)	5918	223	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5781	227	NA	NA
GeForce GTX 1050 with Max-Q Design	3866	312	NA	NA
GeForce GTX 1060	10063	121	35.94	$279.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1060 3GB	9737	128	36.07	$269.99*
GeForce GTX 1060 5GB	8967	149	18.38	$487.99*
GeForce GTX 1060 (Mobile)	8160	168	NA	NA
GeForce GTX 1060 with Max-Q Design	7855	176	NA	NA
GeForce GTX 1070	13484	76	39.37	$342.55*
GeForce GTX 1070 (Mobile)	10465	113	NA	NA
GeForce GTX 1070 Ti	14522	64	37.33	$389.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
GeForce GTX 1080 Ti	18327	32	37.88	$483.82*
GeForce GTX 1080 with Max-Q Design	10174	116	NA	NA
GeForce GTX 1650	7812	179	39.15	$199.54
GeForce GTX 1650 (Mobile)	6968	199	NA	NA
GeForce GTX 1650 SUPER	10048	122	22.78	$441.05*
GeForce GTX 1650 Ti	7509	187	NA	NA
GeForce GTX 1650 with Max-Q Design	5923	222	NA	NA
GeForce GTX 1660	11706	98	29.27	$399.99*
GeForce GTX 1660 SUPER	12750	85	42.50	$299.99
GeForce GTX 1660 Ti	11807	97	34.73	$339.99
GeForce GTX 1660 Ti (Mobile)	10176	115	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8619	158	NA	NA
GeForce GTX Titan	8380	164	11.25	$745.00*
GeForce GTX TITAN Black	9140	145	17.41	$524.99*
GeForce GTX TITAN X	13261	78	12.09	$1,096.99*
GeForce GTX TITAN Z	9188	144	6.07	$1,515.00*
GeForce MX110	1469	675	NA	NA
GeForce MX130	1887	570	NA	NA
GeForce MX150	2308	475	38.93	$59.29*
GeForce MX230	1879	571	NA	NA
GeForce MX250	2505	447	NA	NA
GeForce MX330	2538	439	NA	NA
GeForce MX350	2863	388	NA	NA
GeForce MX450	3757	320	NA	NA
GeForce MX550	4950	258	NA	NA
GeForce MX570	7060	198	NA	NA
GeForce PCX 5300	6	2135	NA	NA
GeForce PCX 5750	34	2007	NA	NA
GeForce PCX 5900	34	2013	NA	NA
GeForce RTX 2050	5749	229	NA	NA
GeForce RTX 2060	13968	69	41.08	$339.99
GeForce RTX 2060 (Mobile)	11354	103	NA	NA
GeForce RTX 2060 SUPER	16513	44	42.34	$389.99

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

Video Card

GeForce RTX 2070 SUPER	18195	34	36.39	$499.99*
GeForce RTX 2070 with Max-Q Design	11178	106	NA	NA
GeForce RTX 2080	18731	29	29.59	$633.03*
GeForce RTX 2080 (Mobile)	15107	57	NA	NA
GeForce RTX 2080 SUPER	19492	21	28.50	$683.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 Ti	21803	13	21.83	$998.59*
GeForce RTX 2080 with Max-Q Design	12321	89	5.87	$2,099.99*
GeForce RTX 3050	12827	83	NA	NA
GeForce RTX 3050 Laptop GPU	9052	147	27.43	$329.99
GeForce RTX 3050 Ti Laptop GPU	9602	132	NA	NA
GeForce RTX 3060	16998	36	51.67	$329.00*
GeForce RTX 3060 Laptop GPU	12776	84	31.94	$399.99
GeForce RTX 3060 Ti	20323	16	38.35	$529.99
GeForce RTX 3070	22164	11	38.21	$579.99
GeForce RTX 3070 Laptop GPU	15228	56	NA	NA
GeForce RTX 3070 Ti	23549	9	35.15	$669.99
GeForce RTX 3070 Ti Laptop GPU	18918	27	NA	NA
GeForce RTX 3080	25052	6	32.54	$769.99
GeForce RTX 3080 Laptop GPU	16585	43	NA	NA
GeForce RTX 3080 Ti	27120	3	25.11	$1,079.99
GeForce RTX 3080 Ti Laptop GPU	20019	18	NA	NA
GeForce RTX 3090	26519	4	17.91	$1,480.92
GeForce RTX 3090 Ti	30166	1	16.31	$1,849.99
GF117	554	1241	NA	NA
GIGABYTE RADEON 9600 PRO	39	1984	NA	NA
Gigabyte RADEON X300	40	1973	NA	NA
GRID K1	810	992	2.05	$395.00*
GRID K2	2736	403	0.61	$4,449.99
GRID K120Q	293	1489	NA	NA
GRID K140Q	727	1061	NA	NA
GRID K160Q	628	1151	NA	NA
GRID K180Q	533	1263	NA	NA

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

Video Card

GRID K260Q	2949	384	NA	NA
GRID K280Q	2839	392	NA	NA
GRID K520	3399	340	22.66	$149.99*
GRID M6-0B	911	915	NA	NA
GRID M6-1Q	2069	521	NA	NA
GRID M6-8Q	3568	329	NA	NA
GRID M10-0Q	913	911	NA	NA
GRID M10-1B	2309	473	NA	NA
GRID M10-1Q	3351	347	NA	NA
GRID M10-2B	2416	458	NA	NA
GRID M10-4Q	3223	355	NA	NA
GRID M10-8Q	2606	426	NA	NA
GRID M60-0B	1838	582	NA	NA
GRID M60-0Q	827	976	NA	NA
GRID M60-1B	4456	280	NA	NA
GRID M60-1Q	4680	271	NA	NA
GRID M60-2Q	5291	244	NA	NA
GRID M60-4Q	3188	357	NA	NA
GRID M60-8A	5523	237	NA	NA
GRID M60-8Q	3883	309	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P6-2Q	4000	301	NA	NA
GRID P6-4Q	4429	282	NA	NA
GRID P40-2B	3354	346	NA	NA
GRID P40-2Q	4287	289	NA	NA
GRID P40-3Q	681	1093	NA	NA
GRID P40-4Q	777	1009	NA	NA
GRID P40-24Q	4727	268	NA	NA
GRID P100-1B	2223	496	NA	NA
GRID P100-8Q	3841	314	NA	NA
GRID P100-16Q	5944	221	NA	NA
GRID V100-8Q	16	2088	NA	NA
GRID V100D-8Q	4155	296	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
HIS DIGITAL HD 4650 AGP	452	1351	NA	NA
IGP 340M	1	2258	NA	NA
IncrediblE HD	389	1408	NA	NA
IncrediblE HD 3000	291	-1	NA	NA
IncrediblE HD 4000	517	1281	NA	NA
IncrediblE HD 4600	749	1042	NA	NA
Intel 2nd Generation SandyBridge HD	212	1568	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1581	NA	NA
Intel 4th Generation Haswell HD	419	1384	NA	NA
Intel 865 Embedded Controller	3	2203	NA	NA
Intel 915G,910G Express	4	2192	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2173	NA	NA
Intel 945G Embedded Chipset Function 0	4	2180	NA	NA
Intel 946GZ Embedded Chipset Function 0	3	2218	NA	NA
Intel 946GZ Express	3	2213	NA	NA
Intel 82845G Controller	2	2249	NA	NA
Intel 82845G/GL Controller	2	2238	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2228	NA	NA
Intel 82852/82855 GM/GME Controller	1	2261	NA	NA
Intel 82865G Controller	4	2171	NA	NA
Intel 82915G Express	5	2145	NA	NA
Intel 82915G/915GV/910GL	3	2202	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2237	NA	NA
Intel 82915G/GV/910GL Express	3	2223	NA	NA
Intel 82945G Express	14	2092	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2116	NA	NA
Intel - Express Chipset G41	56	1924	NA	NA
Intel - Express Chipset Q45/Q43	57	1919	NA	NA
Intel B43 Express Chipset	68	1885	NA	NA
Intel Coffee Lake UHD	1158	771	NA	NA
Intel Extreme Controller	1	2252	NA	NA
Intel G33/G31 Express	84	1830	NA	NA
Intel G35 Express	3090	369	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel G45/G43 Express Chipset	74	1859	NA	NA
Intel G45/G43/G41 Express Chipset	67	1887	NA	NA
Intel G965 Express	24	2056	NA	NA
Intel GMA 3150 Express	2	2244	NA	NA
Intel Haswell HD - GT1	123	1707	NA	NA
Intel Haswell HD - GT2	139	1663	NA	NA
Intel HD 500	292	1492	NA	NA
Intel HD 505	339	1449	NA	NA
Intel HD 510	616	1169	NA	NA
Intel HD 515	627	1155	NA	NA
Intel HD 520	865	945	NA	NA
Intel HD 530	982	862	NA	NA
Intel HD 610	672	1107	NA	NA
Intel HD 615	724	1063	NA	NA
Intel HD 630	1116	788	NA	NA
Intel HD 2000	213	1567	NA	NA
Intel HD 3000	256	1526	0.27	$945.00*
Intel HD 4000	334	1453	0.21	$1,592.95*
Intel HD 4400	522	1274	NA	NA
Intel HD 4600	628	1150	NA	NA
Intel HD 5000	564	1231	0.90	$625.00*
Intel HD 5200	830	974	NA	NA
Intel HD 5300	387	1410	NA	NA
Intel HD 5500	582	1207	NA	NA
Intel HD 5600	712	1073	NA	NA
Intel HD 6000	853	954	NA	NA
Intel HD Family	451	1354	NA	NA
Intel HD Graphics 620	923	905	NA	NA
Intel HD manual-15.28-1861	62	1905	NA	NA
Intel HD manual-gen9_2015-133271	165	1627	NA	NA
Intel HD Modded	112	1744	NA	NA
Intel HD P530	1196	756	NA	NA

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

Video Card

Intel HD P4000	516	1283	NA	NA
Intel HD P4600	604	1182	NA	NA
Intel HD P4600/P4700	628	1152	NA	NA
Intel Infoshock HD	193	1593	NA	NA
Intel Iris 540	1258	729	NA	NA
Intel Iris 550	1365	697	NA	NA
Intel Iris 650	1794	596	NA	NA
Intel Iris 5100	765	1025	NA	NA
Intel Iris 6100	914	910	NA	NA
Intel Iris Plus	1846	578	NA	NA
Intel Iris Plus 640	1325	707	NA	NA
Intel Iris Plus 645	1731	613	NA	NA
Intel Iris Plus 650	1574	647	NA	NA
Intel Iris Plus 655	1770	601	NA	NA
Intel Iris Pro 580	1975	548	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro 5200	1020	838	NA	NA
Intel Iris Pro 6100	925	904	NA	NA
Intel Iris Pro Graphics 6200	1429	683	NA	NA
Intel Iris Pro P580	2168	507	NA	NA
Intel Iris Pro P6300	1625	628	NA	NA
Intel Iris Xe	2764	400	NA	NA
Intel Iris Xe MAX	1980	546	NA	NA
Intel Media Accelerator	32	2023	NA	NA
Intel Media Accelerator 500	3	2210	NA	NA
Intel Media Accelerator 600	6	2126	NA	NA
Intel Media Accelerator 3150	2	2227	NA	NA
Intel Media Accelerator HD	98	1788	NA	NA
Intel Poison Ivy	738	1056	NA	NA
Intel Q33 Express	4	2172	NA	NA
Intel Q35 Embedded	8	2112	NA	NA
Intel Q35 Express	140	1659	NA	NA
Intel Q45/Q43 Express Chipset	144	1654	NA	NA

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

Video Card

Intel Skylake HD DT GT2	576	1214	NA	NA
Intel UHD	1563	650	NA	NA
Intel UHD 600	328	1462	NA	NA
Intel UHD 605	366	1423	NA	NA
Intel UHD 610	730	1059	NA	NA
Intel UHD 615	761	1030	NA	NA
Intel UHD 617	862	950	NA	NA
Intel UHD 620	888	927	NA	NA
Intel UHD 630	1288	723	NA	NA
Intel UHD 710	1101	793	NA	NA
Intel UHD 730	1581	645	NA	NA
Intel UHD 750	1762	604	NA	NA
Intel UHD 770	2752	402	NA	NA
Intel UHD Graphics 620	1035	829	NA	NA
Intel UHD P630	2454	454	NA	NA
Intel UHD P750	1754	608	NA	NA
Intel UHD ReleaseInternal	1959	-1	NA	NA
Intel US15 Embedded Media and Controller	7	2123	NA	NA
ION	85	1824	0.37	$229.99*
ION LE	97	1790	NA	NA
KV SPECTRE LITE MOBILE 25W	538	1261	NA	NA
LMIMIRR	874	939	NA	NA
M71-M	64	1900	NA	NA
M76M	124	1700	NA	NA
M860G with Mobility Radeon 4100	75	1855	NA	NA
M880G with Mobility Radeon HD 4200	92	1805	NA	NA
M880G with Mobility Radeon HD 4225	71	1872	NA	NA
M880G with Mobility Radeon HD 4250	104	1771	NA	NA
Master X3100 Driver	10	2103	NA	NA
Matrox C420 LP PCIe x16	607	1179	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox C680 PCIe x16	1903	565	NA	NA
Matrox C900 PCIe x16	1812	588	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Matrox G200eH	40	1976	NA	NA
Matrox G200eh WDDM 1.2	51	1932	NA	NA
Matrox G200eh WDDM 2.0	45	1960	NA	NA
Matrox G200eR	36	1997	NA	NA
Matrox G200eR WDDM 1.2	45	1958	NA	NA
Matrox G200eR WDDM 2.0	67	1888	NA	NA
Matrox G200eW	39	1980	NA	NA
Matrox G200eW3 WDDM 2.0	94	1800	NA	NA
Matrox G200eW WDDM 1.2	50	1941	NA	NA
Matrox M9120 PCIe x16	19	2075	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2050	NA	NA
Matrox M9125 PCIe x16	25	2051	NA	NA
Matrox M9128 LP PCIe x16	31	2028	NA	NA
Matrox M9138 LP PCIe x16	42	1970	NA	NA
Matrox M9140 LP PCIe x16	23	2065	NA	NA
Matrox M9148 LP PCIe x16	32	2026	NA	NA
Matrox Millennium P650 PCIe 128	5	2154	NA	NA
Matrox Millennium P690 PCIe x16	366	1424	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2128	NA	NA
Matrox Parhelia 128MB	3	2212	0.01	$393.99*
Matrox Parhelia 256MB	9	2106	NA	NA
Matrox Parhelia APVe	5	2147	NA	NA
MCT USB3.0 External Device	520	-1	NA	NA
MEDION RADEON 9800 XXL	71	1871	NA	NA
MEDION RADEON X740XL	94	1799	NA	NA
Miracast display port driver V3	15909	-1	NA	NA
MIRRORV3	1080	806	NA	NA
Mobile Intel965 Express	17	2085	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	1965	NA	NA
Mobile Intel 45 Express	46	1956	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	1724	NA	NA
Mobile Intel 915GM/GMS/910GML Express	2	2250	NA	NA
Mobile Intel 945 Express	1	2256	NA	NA

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

Video Card

Mobile Intel 965 Express	56	1927	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2114	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2062	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	1988	NA	NA
Mobile Intel HD	284	1501	0.59	$479.98*
Mobile Intel serie 4 Express	44	1964	NA	NA
MOBILITY FIREGL 7800	4	2168	NA	NA
MOBILITY FIREGL T2	40	1975	NA	NA
MOBILITY FIREGL T2/T2e	33	2017	NA	NA
MOBILITY FireGL V3200	62	1906	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY FireGL V5000	81	1841	NA	NA
MOBILITY FireGL V5200	44	1961	NA	NA
MOBILITY FireGL V5250	27	2042	NA	NA
Mobility FireGL V5725	219	1559	NA	NA
MOBILITY IGP 9000/9100	10	2104	NA	NA
Mobility Radeon 4100	81	1847	NA	NA
MOBILITY RADEON 7000 IGP	6	2134	NA	NA
MOBILITY RADEON 7500	3	2206	NA	NA
MOBILITY RADEON 9000	3	2216	NA	NA
MOBILITY RADEON 9000 IGP	7	2117	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2146	NA	NA
MOBILITY RADEON 9100 IGP	2	2226	NA	NA
MOBILITY RADEON 9200	3	2225	NA	NA
MOBILITY RADEON 9550	30	2034	NA	NA
MOBILITY RADEON 9600	36	2001	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2057	NA	NA
MOBILITY RADEON 9600/9700	39	1983	NA	NA
MOBILITY RADEON 9700	27	2041	NA	NA
MOBILITY RADEON 9800	46	1955	NA	NA
Mobility Radeon HD 530v	174	1616	NA	NA
Mobility Radeon HD 540v	188	1602	NA	NA
Mobility Radeon HD 545v	199	1587	NA	NA

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

Video Card

Mobility Radeon HD 565v	353	1439	NA	NA
Mobility Radeon HD 2300	50	1939	NA	NA
Mobility Radeon HD 2400	89	1817	NA	NA
Mobility Radeon HD 2400 XT	102	1780	NA	NA
Mobility Radeon HD 2600	167	1625	NA	NA
Mobility Radeon HD 2600 XT	191	1597	NA	NA
Mobility Radeon HD 3400 Serisi	111	1749	NA	NA
Mobility Radeon HD 3410	62	1904	NA	NA
Mobility Radeon HD 3430	98	1787	NA	NA
Mobility Radeon HD 3450	91	1814	NA	NA
Mobility Radeon HD 3470	93	1802	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	1801	NA	NA
Mobility Radeon HD 3650	129	1686	1.77	$73.53*
Mobility Radeon HD 3670	232	1547	NA	NA
Mobility Radeon HD 3850	365	1427	NA	NA
Mobility Radeon HD 3870	547	1247	NA	NA
Mobility Radeon HD 3870 X2	477	1319	NA	NA
Mobility Radeon HD 4200	90	1815	NA	NA
Mobility Radeon HD 4225	66	1895	NA	NA
Mobility Radeon HD 4250	98	1785	NA	NA
Mobility Radeon HD 4270	92	1804	NA	NA
Mobility Radeon HD 4300 Serisi	73	1866	NA	NA
Mobility Radeon HD 4330	135	1675	NA	NA
Mobility Radeon HD 4350	148	1644	NA	NA
Mobility Radeon HD 4550	191	1598	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4570	134	1678	1.77	$75.90*
Mobility Radeon HD 4650	401	1400	NA	NA
Mobility Radeon HD 4670	463	1341	NA	NA
Mobility Radeon HD 4830	511	1286	NA	NA
Mobility Radeon HD 4850	866	944	NA	NA
Mobility Radeon HD 4870	719	1068	NA	NA
Mobility Radeon HD 5000	773	1019	NA	NA

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

Video Card

Mobility Radeon HD 5430	181	1608	NA	NA
Mobility Radeon HD 5450	214	1566	NA	NA
Mobility Radeon HD 5470	236	1544	NA	NA
Mobility Radeon HD 5570	544	1256	NA	NA
Mobility Radeon HD 5650	444	1363	NA	NA
Mobility Radeon HD 5730	485	1313	NA	NA
Mobility Radeon HD 5850	763	1027	NA	NA
Mobility Radeon HD 5870	1076	809	NA	NA
Mobility Radeon HD serie 4200	96	1795	NA	NA
MOBILITY RADEON X300	33	2016	NA	NA
MOBILITY RADEON X600	50	1940	NA	NA
MOBILITY RADEON X600 SE	49	1943	NA	NA
MOBILITY RADEON X700	66	1891	NA	NA
MOBILITY RADEON X700 XL	59	1910	NA	NA
Mobility Radeon X1300	39	1981	NA	NA
Mobility Radeon X1350	39	1979	NA	NA
Mobility Radeon X1400	42	1967	NA	NA
Mobility Radeon X1450	33	2020	NA	NA
Mobility Radeon X1600	92	1808	NA	NA
Mobility Radeon X1700	104	1769	NA	NA
MOBILITY RADEON X1800	130	1685	NA	NA
Mobility Radeon X1900	134	1676	NA	NA
Mobility Radeon X2300	48	1949	NA	NA
Mobility Radeon X2300 HD	48	1947	NA	NA
Mobility Radeon X2500	81	1840	NA	NA
MOBILITY RADEON XPRESS 200	27	2045	NA	NA
Mobility Radeon. HD 5470	215	1565	NA	NA
MOBILITY/RADEON 9000	4	2189	NA	NA
MONSTER GeForce GTX 675M	2637	422	NA	NA
MxGPU	1826	584	NA	NA
N16P-GX	1204	750	NA	NA
N18E-Q1	2525	445	NA	NA
nForce 750a SLI	83	1835	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
nForce 980a/780a SLI	81	1844	NA	NA
NV44	15	2089	NA	NA
NVIDIA TITAN X	13659	74	22.46	$608.10*
NVIDIA TITAN Xp	18280	33	11.11	$1,645.00*
NVS 300	114	1738	1.81	$62.97*
NVS 310	243	1537	3.92	$62.06*
NVS 315	9612	131	137.34	$69.99*
NVS 510	721	1066	2.07	$348.30
NVS 810	1141	778	1.83	$624.99*
NVS 2100M	139	1664	NA	NA
NVS 3100M	114	1735	NA	NA
NVS 4200M	258	1521	0.65	$399.00*
NVS 5100M	190	1599	NA	NA
NVS 5200M	528	1267	NA	NA
NVS 5400M	635	1143	NA	NA
OPAL XT/GL	1053	821	NA	NA
OpenXT Display Driver	30	2031	NA	NA
P106-100	3801	317	NA	NA
PHDGD Ivy 4	374	1420	NA	NA
PHDGD Ivy 5	445	1362	NA	NA
PHDGD Quantic C3	116	1725	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2049	NA	NA
PHDGD Solo 1.2.0 x86	11	2102	NA	NA
PHDGD Solo 2 x64	20	2074	NA	NA
Professional HD Driver	653	1127	NA	NA
Q12U-1	5164	250	NA	NA
Quadro2 MXR/EX	4	2179	NA	NA
Quadro2 Pro	1	2263	NA	NA
Quadro4 380 XGL	6	2129	NA	NA
Quadro4 900 XGL	4	2161	NA	NA
Quadro4 980 XGL	5	2159	0.01	$341.43*
Quadro 280 NVS PCIe	5	2143	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 500M	664	1114	2.41	$275.14*
Quadro 600	546	1250	7.19	$76.00*
Quadro 1000M	586	1203	10.76	$54.50*
Quadro 1100M	755	1037	NA	NA
Quadro 2000	943	894	4.43	$213.23*
Quadro 2000 D	1239	735	NA	NA
Quadro 2000D	990	857	7.08	$140.00*
Quadro 2000M	767	1024	3.34	$229.74*
Quadro 2100M	1100	796	NA	NA
Quadro 3000M	1005	848	14.37	$69.99*
Quadro 4000	1488	670	1.52	$978.99
Quadro 4000M	1306	716	5.63	$232.06*
Quadro 5000	1982	545	0.84	$2,368.90
Quadro 5000M	2059	523	NA	NA
Quadro 5010M	1891	569	8.02	$235.95*
Quadro 6000	2688	412	0.66	$4,092.38*
Quadro 7000	3505	333	NA	NA
Quadro CX	947	890	6.32	$149.95*
Quadro FX 350	85	1823	NA	NA
Quadro FX 350M	44	1963	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 360M	86	1822	NA	NA
Quadro FX 370	83	1834	0.67	$125.00*
Quadro FX 370 Low Profile	102	1777	NA	NA
Quadro FX 370 LP	108	1760	NA	NA
Quadro FX 370M	93	1803	NA	NA
Quadro FX 380	185	1605	2.56	$72.50*
Quadro FX 380 LP	135	1673	NA	NA
Quadro FX 380M	124	1703	NA	NA
Quadro FX 500/600 PCI	14	2091	NA	NA
Quadro FX 500/FX 600	7	2120	NA	NA
Quadro FX 540	80	1850	1.35	$59.99*
Quadro FX 550	63	1902	0.22	$287.82*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Quadro FX 570M	111	1750	NA	NA
Quadro FX 580	154	1637	1.19	$130.00*
Quadro FX 770M	186	1603	0.35	$527.00*
Quadro FX 880M	219	1560	NA	NA
Quadro FX 1000	34	2011	NA	NA
Quadro FX 1100	35	2002	0.17	$212.99*
Quadro FX 1300	34	2010	NA	NA
Quadro FX 1400	124	1702	0.51	$245.01*
Quadro FX 1500	189	1600	1.65	$115.01*
Quadro FX 1500M	171	1620	NA	NA
Quadro FX 1600M	185	1606	1.24	$149.90*
Quadro FX 1700	116	1726	0.33	$350.14*
Quadro FX 1700M	172	1619	NA	NA
Quadro FX 1800	404	1398	3.00	$135.00*
Quadro FX 1800M	469	1332	NA	NA
Quadro FX 2000	18	2082	NA	NA
Quadro FX 2500M	217	1562	12.45	$17.50*
Quadro FX 2700	543	1258	NA	NA
Quadro FX 2700M	354	1436	3.55	$99.95*
Quadro FX 2800M	432	1372	2.28	$190.00*
Quadro FX 3000	69	1883	0.41	$166.61*
Quadro FX 3400/4400	104	1770	NA	NA
Quadro FX 3450	148	1643	1.24	$119.99*
Quadro FX 3450/4000 SDI	185	1604	NA	NA
Quadro FX 3500	291	1494	4.23	$68.98*
Quadro FX 3500M	306	1478	3.06	$99.99*
Quadro FX 3600M	466	1334	NA	NA
Quadro FX 3700	390	1406	1.83	$213.27*
Quadro FX 3700M	477	1320	0.52	$925.00*
Quadro FX 3800	779	1007	3.01	$259.13*
Quadro FX 3800M	628	1153	NA	NA
Quadro FX 4000	101	1783	NA	NA
Quadro FX 4500	226	1550	1.34	$169.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Quadro FX 4700 X2	676	1103	NA	NA
Quadro FX 4800	977	866	4.79	$204.00*
Quadro FX 5500	242	1538	0.12	$1,999.00*
Quadro FX 5600	561	1234	1.90	$295.00*
Quadro FX 5800	1247	733	4.55	$274.00*
Quadro FX Go1400	101	1781	NA	NA
Quadro GP100	16203	46	NA	NA
Quadro GV100	17675	35	1.96	$8,999.00*
Quadro K420	775	1014	2.88	$269.00*
Quadro K500M	480	-1	NA	NA
Quadro K510M	610	1177	NA	NA
Quadro K600	762	1028	12.66	$60.24*
Quadro K610M	711	1075	2.96	$240.00*
Quadro K620	2244	491	1.11	$2,029.99*
Quadro K620M	1156	772	NA	NA
Quadro K1000M	776	1011	11.11	$69.95*
Quadro K1100M	1090	803	3.38	$322.99*
Quadro K1200	2878	387	9.00	$319.95*
Quadro K2000	1566	649	5.33	$294.00*
Quadro K2000D	1613	634	4.75	$339.99*
Quadro K2000M	1028	833	7.14	$144.04*
Quadro K2100M	1347	702	3.24	$415.99*
Quadro K2200	3546	330	13.22	$268.30*
Quadro K2200M	3876	310	31.02	$124.95*
Quadro K3000M	1612	635	3.96	$407.56*
Quadro K3100M	2262	489	5.66	$399.95*
Quadro K4000	2699	411	10.00	$270.00*
Quadro K4000M	2009	536	7.91	$254.00*
Quadro K4100M	2756	401	10.55	$261.29*
Quadro K4200	4330	286	17.39	$249.00*
Quadro K5000	3904	305	15.68	$249.00*
Quadro K5000M	2805	395	5.51	$508.91*

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

Video Card

Quadro K6000	8091	170	30.78	$262.85
Quadro M500M	1097	798	NA	NA
Quadro M520	1842	580	NA	NA
Quadro M600M	2007	538	7.97	$251.99*
Quadro M620	2830	393	NA	NA
Quadro M1000M	2968	381	34.52	$85.99*
Quadro M1200	3343	348	NA	NA
Quadro M2000	3943	303	14.92	$264.24*
Quadro M2000M	3519	331	16.51	$213.16*
Quadro M2200	4363	284	17.46	$249.99*
Quadro M3000M	5668	231	35.44	$159.95*
Quadro M4000	6618	205	18.28	$362.00*
Quadro M4000M	6434	210	25.24	$254.91*
Quadro M5000	9237	142	18.51	$499.00*
Quadro M5000M	6840	201	12.51	$546.92*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M5500	7915	173	NA	NA
Quadro M6000	11512	100	10.47	$1,099.98*
Quadro M6000 24GB	12320	90	NA	NA
Quadro NVS 55/280 PCI	6	2137	NA	NA
Quadro NVS 110M	47	1952	NA	NA
Quadro NVS 120M	46	1954	NA	NA
Quadro NVS 130M	97	1793	NA	NA
Quadro NVS 135M	66	1893	NA	NA
Quadro NVS 140M	48	1948	NA	NA
Quadro NVS 150M	92	1807	NA	NA
Quadro NVS 160M	103	1772	NA	NA
Quadro NVS 210S	23	2063	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2073	NA	NA
Quadro NVS 280 PCI	8	2115	0.06	$130.00*
Quadro NVS 280 SD	2	2246	NA	NA
Quadro NVS 285	38	1987	0.23	$169.86*
Quadro NVS 285 128MB	38	1990	0.70	$55.00*

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

Video Card

Quadro NVS 320M	127	1693	NA	NA
Quadro NVS 420	69	1878	0.47	$150.00*
Quadro NVS 440	37	1994	0.16	$228.87*
Quadro NVS 450	63	1903	0.40	$159.00*
Quadro NVS 510M	253	1529	NA	NA
Quadro P400	1603	638	7.97	$201.17*
Quadro P500	1487	671	NA	NA
Quadro P520	2099	518	1.40	$1,499.00*
Quadro P600	3293	352	10.10	$325.99*
Quadro P620	3630	324	6.15	$590.39
Quadro P1000	4471	277	12.78	$349.95
Quadro P2000	7085	197	13.07	$542.00*
Quadro P2000 with Max-Q Design	5392	240	NA	NA
Quadro P2200	9461	136	16.39	$577.17*
Quadro P3000	6610	206	NA	NA
Quadro P3200	8735	154	22.44	$389.30*
Quadro P3200 with Max-Q Design	8656	156	NA	NA
Quadro P4000	11357	102	20.42	$556.19*
Quadro P4000 with Max-Q Design	9082	146	NA	NA
Quadro P4200	9827	124	NA	NA
Quadro P4200 with Max-Q Design	10323	114	NA	NA
Quadro P5000	11965	94	6.40	$1,868.99*
Quadro P5200	12200	93	NA	NA
Quadro P5200 with Max-Q Design	9796	125	NA	NA
Quadro P6000	15763	53	4.85	$3,250.00*
Quadro RTX 3000	11099	107	NA	NA
Quadro RTX 3000 with Max-Q Design	7428	190	NA	NA
Quadro RTX 4000	15531	54	17.28	$899.00*
Quadro RTX 4000 (Mobile)	12948	81	NA	NA
Quadro RTX 4000 with Max-Q Design	11185	105	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 5000	16275	45	NA	NA
Quadro RTX 5000 (Mobile)	14832	59	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Quadro RTX 8000	19126	25	4.03	$4,741.49*
Quadro T1000	6520	209	14.75	$441.99*
Quadro T2000	7197	196	13.62	$528.35*
Qualcomm Adreno 8cx Gen 3	1744	610	NA	NA
Qualcomm Adreno 540 GPU	120	1716	NA	NA
Qualcomm Adreno 618 GPU	119	1717	NA	NA
Qualcomm Adreno 630 GPU	267	1513	NA	NA
Qualcomm Adreno 680 GPU	472	1325	NA	NA
Qualcomm Adreno 690 GPU	951	884	NA	NA
QXL KMDOD	18	2077	NA	NA
Radeon 520	837	966	9.31	$89.99*
Radeon 530	958	878	NA	NA
Radeon 535	1048	825	NA	NA
Radeon 535DX	813	989	NA	NA
Radeon 540	1300	719	NA	NA
Radeon 540X	1397	690	NA	NA
Radeon 550	1958	-1	19.59	$99.99
Radeon 550X	1429	682	NA	NA
Radeon 620	870	941	NA	NA
Radeon 625	1097	797	NA	NA
Radeon 630	1244	734	NA	NA
Radeon 2100	59	1911	0.34	$174.29*
Radeon 3000	98	1786	0.31	$319.00*
Radeon 3100	73	1863	0.33	$225.99*
Radeon 6600M	523	1272	NA	NA
Radeon 6750M	911	916	NA	NA
Radeon 7000 / Radeon VE	2	2235	NA	NA
RADEON 7000 / RADEON VE Family	3	2198	NA	NA
RADEON 7200	2	2229	0.00	$599.99*
RADEON 7500	3	2219	0.02	$177.25*
RADEON 7500 Family	4	2169	NA	NA
RADEON 8500 Family	6	2130	NA	NA
RADEON 9000	4	2174	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9100 IGP	5	2152	NA	NA
RADEON 9200	3	2205	0.02	$153.63*
RADEON 9200 LE Family	2	2239	NA	NA
RADEON 9200 PRO Family	2	2230	NA	NA
RADEON 9200 SE	2	2242	NA	NA
RADEON 9250	2	2240	0.01	$194.00*
RADEON 9500	36	1999	0.90	$40.50*
RADEON 9500 PRO / 9700	41	1971	NA	NA
RADEON 9550	34	2008	0.12	$291.74*
Radeon 9550 / X1050	29	2039	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
RADEON 9600 Family	25	2054	NA	NA
RADEON 9600 PRO	42	1968	NA	NA
RADEON 9600 PRO Family	26	2046	NA	NA
RADEON 9600 TX Family	18	2079	NA	NA
RADEON 9600 XT	35	2006	NA	NA
RADEON 9600SE	27	2043	NA	NA
RADEON 9700 PRO	53	1928	NA	NA
RADEON 9800	57	1920	0.18	$325.00*
RADEON 9800 PRO	59	1912	NA	NA
RADEON 9800 SE	23	2064	NA	NA
RADEON 9800 XT	56	1923	NA	NA
RADEON A9800XT	22	2069	NA	NA
RADEON E2400	51	1934	NA	NA
RADEON E4690	405	1397	NA	NA
Radeon E6460	323	1466	NA	NA
Radeon E6465	231	1548	NA	NA
Radeon E6760	876	938	3.65	$239.99*
Radeon E8860	1625	627	NA	NA
Radeon E8870PCIe	3368	343	NA	NA
Radeon HD4650	239	1543	1.57	$152.90*
Radeon HD4670	365	1426	NA	NA
RADEON HD6370D	320	1468	NA	NA

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

Video Card

RADEON HD7450	199	1589	8.95	$22.25*
Radeon HD8530M	490	1307	NA	NA
Radeon HD8970M	3368	342	NA	NA
Radeon HD 2350	76	1853	NA	NA
Radeon HD 2400	120	1714	1.37	$88.20*
Radeon HD 2400 PCI	14	2093	NA	NA
Radeon HD 2400 Pro	114	1737	NA	NA
Radeon HD 2400 XT	118	1719	NA	NA
Radeon HD 2600 PRO	211	1570	1.12	$188.44*
Radeon HD 2600 Pro AGP	110	1753	NA	NA
Radeon HD 2600 XT	282	1504	1.78	$159.00*
Radeon HD 2900 GT	292	1493	NA	NA
Radeon HD 2900 PRO	627	1154	NA	NA
Radeon HD 2900 XT	659	1122	NA	NA
Radeon HD 3000	95	1796	NA	NA
Radeon HD 3200	82	1836	NA	NA
Radeon HD 3300	126	1696	NA	NA
Radeon HD 3450	118	1721	1.33	$89.00*
Radeon HD 3470	89	1816	0.82	$109.65*
Radeon HD 3650 AGP	150	1642	0.81	$185.00*
Radeon HD 3670	151	1639	NA	NA
Radeon HD 3850	400	1401	NA	NA
Radeon HD 3850 AGP	432	1375	NA	NA
Radeon HD 3850 X2	822	980	NA	NA
Radeon HD 3870	576	1215	8.24	$69.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3870 X2	708	1076	NA	NA
Radeon HD 4200	111	1745	NA	NA
Radeon HD 4250	122	1708	NA	NA
Radeon HD 4270	109	1754	NA	NA
Radeon HD 4290	140	1658	NA	NA
Radeon HD 4300/4500 Serisi	155	1635	NA	NA
Radeon HD 4330	109	1759	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon HD 4650	219	1558	3.13	$69.99*
Radeon HD 4650 AGP	207	1576	NA	NA
Radeon HD 4670	382	1411	2.68	$142.96*
Radeon HD 4770	905	917	15.10	$59.99*
Radeon HD 4810	769	1020	NA	NA
Radeon HD 4830	860	952	14.34	$59.99*
Radeon HD 4850	950	885	2.51	$378.00*
Radeon HD 4850 X2	1132	781	NA	NA
Radeon HD 4870	1389	691	17.37	$79.99*
Radeon HD 4870 X2	1309	715	NA	NA
Radeon HD 4890	1532	662	17.04	$89.99*
Radeon HD 5450	137	1667	1.45	$94.96*
Radeon HD 5470	268	1512	NA	NA
Radeon HD 5550	376	1419	6.84	$54.99*
Radeon HD 5570	474	1324	2.58	$183.47
Radeon HD 5600/5700	660	1118	NA	NA
Radeon HD 5670	783	1003	11.70	$67.00*
Radeon HD 5750	1166	766	16.67	$69.99*
Radeon HD 5770	1343	704	7.07	$189.99*
Radeon HD 5830	1733	612	6.69	$258.99*
Radeon HD 5850	1958	554	6.78	$288.99*
Radeon HD 5870	2273	484	7.71	$295.00*
Radeon HD 5970	2243	492	12.46	$179.99*
Radeon HD 6230	179	1612	NA	NA
Radeon HD 6250	95	1797	NA	NA
Radeon HD 6290	109	1758	NA	NA
Radeon HD 6290M	140	1661	NA	NA
Radeon HD 6300M	141	1656	NA	NA
Radeon HD 6310	123	1704	NA	NA
Radeon HD 6320	148	1645	0.27	$554.99*
Radeon HD 6320 Graphic	216	1564	NA	NA
Radeon HD 6320M	198	1590	NA	NA
RADEON HD 6350	140	1657	2.39	$59.00*

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

Video Card

Radeon HD 6380G	207	1577	0.52	$399.99*
Radeon HD 6410D	243	1536	NA	NA
Radeon HD 6430M	192	1596	NA	NA
Radeon HD 6450	199	1588	2.24	$89.00*
Radeon HD 6450 + 8470D Dual	762	1029	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6450A	260	1519	NA	NA
Radeon HD 6470M	228	1549	0.40	$569.99*
Radeon HD 6480G	259	1520	NA	NA
Radeon HD 6480M	353	1438	NA	NA
Radeon HD 6490M	377	1416	0.32	$1,193.03*
Radeon HD 6520G	298	1486	NA	NA
Radeon HD 6530D	323	1465	NA	NA
Radeon HD 6550A	707	1077	NA	NA
Radeon HD 6550D	405	1396	NA	NA
Radeon HD 6570	500	1298	7.85	$63.81*
Radeon HD 6610M	565	1229	NA	NA
Radeon HD 6620G	355	1434	NA	NA
Radeon HD 6630M	684	1092	NA	NA
Radeon HD 6650A	835	968	NA	NA
Radeon HD 6650M	755	1036	NA	NA
Radeon HD 6670	745	1048	10.80	$68.99*
Radeon HD 6670 + 6670 Dual	646	1133	NA	NA
Radeon HD 6670 + 7660D Dual	1492	669	NA	NA
Radeon HD 6670/7670	945	891	NA	NA
Radeon HD 6700M	1016	840	NA	NA
Radeon HD 6750	981	863	12.27	$79.99*
Radeon HD 6750M	937	897	NA	NA
Radeon HD 6770	1232	742	4.65	$264.99*
Radeon HD 6770M	964	874	NA	NA
Radeon HD 6790	1617	632	5.50	$294.00*
Radeon HD 6800M	849	958	NA	NA
Radeon HD 6850	1982	543	23.33	$85.00*

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

Video Card

Radeon HD 6900M	1709	617	NA	NA
Radeon HD 6950	2646	420	18.90	$139.99*
Radeon HD 6970	2842	391	18.95	$149.99*
Radeon HD 6970M	2270	485	10.51	$215.99*
Radeon HD 6990	3013	379	6.04	$498.49*
Radeon HD 7290	115	1732	NA	NA
Radeon HD 7290M	123	1706	NA	NA
Radeon HD 7310	129	1688	NA	NA
Radeon HD 7310 - Carte graphique	174	1618	NA	NA
Radeon HD 7310G	180	1609	NA	NA
Radeon HD 7310M	166	1626	NA	NA
Radeon HD 7340	156	1634	0.28	$552.69*
Radeon HD 7340G	196	1591	NA	NA
Radeon HD 7340M	221	1555	NA	NA
Radeon HD 7350	193	1595	NA	NA
Radeon HD 7400G	267	1514	NA	NA
Radeon HD 7420G	311	1476	NA	NA
Radeon HD 7450	225	1551	4.51	$49.99*
Radeon HD 7450A	288	1497	NA	NA
Radeon HD 7450M	329	1459	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7470	316	1474	3.89	$81.37*
Radeon HD 7470M	407	1393	NA	NA
Radeon HD 7480D	283	1503	NA	NA
Radeon HD 7500G	330	1458	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1168	NA	NA
Radeon HD 7500G + 7550M Dual	497	1302	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1433	NA	NA
Radeon HD 7520G	317	1473	NA	NA
Radeon HD 7520G + 7400M Dual	486	1311	NA	NA
Radeon HD 7520G + 7470M Dual	542	1259	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1206	NA	NA
Radeon HD 7520G + 7600M Dual	591	1196	NA	NA

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

Video Card

Radeon HD 7520G + 7670M Dual	523	1273	NA	NA
Radeon HD 7520G + 7700M Dual	1060	817	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1477	NA	NA
Radeon HD 7520G + 8750M Dual	376	1417	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1255	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	970	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1358	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1304	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1218	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1158	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1129	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1220	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1428	NA	NA
Radeon HD 7540D	335	1451	NA	NA
Radeon HD 7540D + 6570 Dual	719	1069	NA	NA
Radeon HD 7540D + 7500 Dual	821	982	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1136	NA	NA
Radeon HD 7550M	464	1339	NA	NA
Radeon HD 7550M/7650M	728	1060	NA	NA
Radeon HD 7560D	469	1331	NA	NA
Radeon HD 7560D + 6450 Dual	568	1226	NA	NA
Radeon HD 7560D + 6570 Dual	833	969	NA	NA
Radeon HD 7560D + 6670 Dual	1130	782	NA	NA
Radeon HD 7560D + 7560D Dual	982	861	NA	NA
Radeon HD 7560D + 7570 Dual	985	859	NA	NA
Radeon HD 7560D + 7670 Dual	1426	684	NA	NA
Radeon HD 7560D + 7700 Dual	1919	563	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	738	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	652	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1262	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	730	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	693	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + R5 235 Dual	563	1232	NA	NA
Radeon HD 7570	611	1175	5.97	$102.49*
Radeon HD 7570M	445	1361	NA	NA
Radeon HD 7570M/HD 7670M	699	1084	NA	NA
Radeon HD 7580D	350	1440	NA	NA
Radeon HD 7600G	320	1469	NA	NA
Radeon HD 7600G + 6400M Dual	376	1418	NA	NA
Radeon HD 7600G + 7450M Dual	389	1407	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1395	NA	NA
Radeon HD 7600G + 7550M Dual	423	1379	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	469	1330	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1461	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	555	1240	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1290	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1257	NA	NA
Radeon HD 7600G + HD Dual	435	1369	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1269	NA	NA
Radeon HD 7600M + 7600M Dual	773	1017	NA	NA
Radeon HD 7610M	632	1146	NA	NA
Radeon HD 7620G	355	1435	NA	NA
Radeon HD 7620G + 8600M Dual	508	1291	NA	NA
Radeon HD 7620G + 8670M Dual	577	1213	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1365	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1293	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1353	NA	NA
Radeon HD 7640G	451	1352	NA	NA
Radeon HD 7640G + 6400M Dual	526	1268	NA	NA
Radeon HD 7640G + 7400M Dual	637	1138	NA	NA
Radeon HD 7640G + 7450M Dual	754	1039	NA	NA
Radeon HD 7640G + 7470M Dual	595	1191	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1156	NA	NA

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

Video Card

Radeon HD 7640G + 7610M Dual	510	1287	NA	NA
Radeon HD 7640G + 7650M Dual	747	1044	NA	NA
Radeon HD 7640G + 7670M Dual	644	1135	NA	NA
Radeon HD 7640G + 7690M Dual	945	892	NA	NA
Radeon HD 7640G + 7700M Dual	690	1086	NA	NA
Radeon HD 7640G + 8500M Dual	585	1204	NA	NA
Radeon HD 7640G + 8570M Dual	558	1239	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1088	NA	NA
Radeon HD 7640G + 8600M Dual	249	1531	NA	NA
Radeon HD 7640G + 8670M Dual	558	1238	NA	NA
Radeon HD 7640G + 8750M Dual	654	1124	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1161	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1378	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1081	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1394	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1279	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1197	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1147	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1180	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1110	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1323	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1202	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1100	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	854	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1236	NA	NA
Radeon HD 7640G + R5 M230 Dual	238	-1	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	978	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1097	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1381	NA	NA
Radeon HD 7650A	566	1228	2.16	$262.00*
Radeon HD 7650M	450	1355	NA	NA

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

Video Card

Radeon HD 7660D + 6670 Dual	1238	737	NA	NA
Radeon HD 7660D + 7470 Dual	465	1338	NA	NA
Radeon HD 7660D + 7500 Dual	1121	786	NA	NA
Radeon HD 7660D + 7540D Dual	1204	751	NA	NA
Radeon HD 7660D + 7670 Dual	1061	816	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	672	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1145	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1448	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	555	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1271	NA	NA
Radeon HD 7660D + R7 240 Dual	941	896	NA	NA
Radeon HD 7660G	476	1321	NA	NA
Radeon HD 7660G + 7400M Dual	588	1200	NA	NA
Radeon HD 7660G + 7470M Dual	630	1148	NA	NA
Radeon HD 7660G + 7600M Dual	831	973	NA	NA
Radeon HD 7660G + 7610M Dual	745	1047	NA	NA
Radeon HD 7660G + 7670M Dual	743	1052	NA	NA
Radeon HD 7660G + 7700M Dual	757	1034	NA	NA
Radeon HD 7660G + 7730M Dual	931	899	NA	NA
Radeon HD 7660G + 8600M Dual	445	1360	NA	NA
Radeon HD 7660G + 8670M Dual	587	1201	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	851	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1031	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	853	NA	NA
Radeon HD 7660G + HD 7600M Dual	615	1170	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1346	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1078	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1010	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	933	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1032	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1045	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1429	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1074	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1080	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	873	NA	NA
Radeon HD 7670	812	990	NA	NA
Radeon HD 7670A	1050	822	NA	NA
Radeon HD 7670M	484	1314	0.77	$629.99*
Radeon HD 7670M + 7670M Dual	738	1057	NA	NA
Radeon HD 7690M	1003	850	NA	NA
Radeon HD 7690M XT	1009	846	NA	NA
Radeon HD 7700-serie	1899	567	NA	NA
Radeon HD 7730	1229	745	5.28	$232.70*
Radeon HD 7730M	660	1119	NA	NA
Radeon HD 7750	1710	616	17.11	$99.99*
Radeon HD 7750M	1191	757	NA	NA
Radeon HD 7770	2200	498	7.33	$300.00*
Radeon HD 7790	3090	370	22.07	$139.99*
Radeon HD 7800-serie	4029	300	NA	NA
Radeon HD 7850	3824	315	22.50	$169.99*
Radeon HD 7850M	1372	695	NA	NA
Radeon HD 7870	4666	272	26.51	$176.00*
Radeon HD 7870 XT	4469	278	NA	NA
Radeon HD 7870M	1507	666	NA	NA
Radeon HD 7950 / R9 280	4764	266	36.04	$132.20*
Radeon HD 7970 / R9 280X	5247	245	21.25	$246.99*
Radeon HD 7970M	3774	318	NA	NA
Radeon HD 7990	5565	234	13.91	$399.99*
Radeon HD 8180	138	1666	NA	NA
Radeon HD 8210	189	1601	NA	NA
Radeon HD 8210E	193	1594	NA	NA
Radeon HD 8240	240	1542	NA	NA
Radeon HD 8250	207	1575	NA	NA
Radeon HD 8280	319	1471	NA	NA
Radeon HD 8280E	241	1541	NA	NA

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

Video Card

Radeon HD 8330	251	1530	NA	NA
Radeon HD 8330E	242	1540	NA	NA
Radeon HD 8350	164	1628	1.65	$99.81*
Radeon HD 8350G	304	1480	NA	NA
Radeon HD 8370D	312	1475	NA	NA
Radeon HD 8400	258	1523	NA	NA
Radeon HD 8400E	272	1508	NA	NA
Radeon HD 8410G	435	1370	NA	NA
Radeon HD 8450G	360	1432	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	811	NA	NA
Radeon HD 8450G + 8600M Dual	545	1252	NA	NA
Radeon HD 8450G + 8670M Dual	474	1322	NA	NA
Radeon HD 8450G + 8750M Dual	637	1140	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1350	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	1221	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1297	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1211	NA	NA
Radeon HD 8470	256	1524	NA	NA
Radeon HD 8470D	362	1431	NA	NA
Radeon HD 8470D + 6450 Dual	717	1071	NA	NA
Radeon HD 8470D + 6570 Dual	837	965	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	949	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	680	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	656	NA	NA
Radeon HD 8490	264	1517	2.94	$89.99*
Radeon HD 8500M	399	1403	NA	NA
Radeon HD 8500M/8700M	852	957	NA	NA
Radeon HD 8510G	365	1425	NA	NA
Radeon HD 8510G + 8500M Dual	596	1189	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1149	NA	NA
Radeon HD 8550D	685	1091	NA	NA
Radeon HD 8550G	401	1399	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + 8570M Dual	532	1264	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	996	NA	NA
Radeon HD 8550G + 8600M Dual	617	1166	NA	NA
Radeon HD 8550G + 8670M Dual	579	1209	NA	NA
Radeon HD 8550G + 8690M Dual	664	1112	NA	NA
Radeon HD 8550G + 8750M Dual	795	1001	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	953	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1237	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1266	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1125	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1193	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1251	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	984	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1165	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1309	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1174	NA	NA
Radeon HD 8570	980	864	9.93	$98.68*
Radeon HD 8570 + 8670D Dual	620	1164	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	887	NA	NA
Radeon HD 8570D	430	1376	NA	NA
Radeon HD 8570D + 6570 Dual	1239	736	NA	NA
Radeon HD 8570D + 6670 Dual	1039	828	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1421	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	943	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	728	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1040	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	583	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1450	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	830	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 8570D + R5 235 Dual	470	1327	NA	NA
Radeon HD 8570D + R7 200 Dual	999	852	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon HD 8600/8700M	1029	831	NA	NA
Radeon HD 8610G	414	1387	NA	NA
Radeon HD 8610G + 8500M Dual	610	1178	NA	NA
Radeon HD 8610G + 8600M Dual	588	1198	NA	NA
Radeon HD 8610G + 8670M Dual	599	1187	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1134	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1315	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1212	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1102	NA	NA
Radeon HD 8650D	525	1270	NA	NA
Radeon HD 8650G	480	1316	NA	NA
Radeon HD 8650G + 7600M Dual	741	1054	NA	NA
Radeon HD 8650G + 7670M Dual	883	930	NA	NA
Radeon HD 8650G + 7700M Dual	1126	784	NA	NA
Radeon HD 8650G + 8500M Dual	626	1157	NA	NA
Radeon HD 8650G + 8570M Dual	654	1126	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	972	NA	NA
Radeon HD 8650G + 8600M Dual	613	1172	NA	NA
Radeon HD 8650G + 8670M Dual	635	1142	NA	NA
Radeon HD 8650G + 8750M Dual	786	1002	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	983	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1144	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1072	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1026	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1181	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1033	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1205	NA	NA
Radeon HD 8650G + HD 8750M Dual	778	1008	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	997	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1065	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1090	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1018	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1000	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon HD 8670D	540	1260	NA	NA
Radeon HD 8670D + 6670 Dual	1361	699	NA	NA
Radeon HD 8670D + 7000 Dual	811	991	NA	NA
Radeon HD 8670D + 7700 Dual	1788	599	NA	NA
Radeon HD 8670D + 8570 Dual	974	870	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	747	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1070	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	710	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	568	NA	NA
Radeon HD 8670D + R5 235 Dual	836	967	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1046	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 8670D + R7 200 Dual	949	886	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	839	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1308	NA	NA
Radeon HD 8670M	520	1276	NA	NA
Radeon HD 8690A	465	1335	NA	NA
Radeon HD 8690M	984	860	NA	NA
Radeon HD 8730M	661	1117	NA	NA
Radeon HD 8750M	879	935	NA	NA
Radeon HD 8790M	1305	718	NA	NA
Radeon HD 8790M / R9 M290X	1210	748	NA	NA
Radeon HD 8850M	973	871	NA	NA
Radeon HD 8850M / R9 M265X	1139	779	NA	NA
Radeon HD 8870M	1638	626	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	593	NA	NA
Radeon HD 8950	2267	487	NA	NA
Radeon HD 8970M	3876	311	27.69	$139.99*
Radeon HD 8990	5214	247	NA	NA
Radeon HD HD7850M	1651	625	NA	NA
Radeon HDG 4670	170	1623	NA	NA
RADEON IGP 34xM	1	2257	NA	NA

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

Video Card

Radeon IGP 340M	2	2245	NA	NA
RADEON IGP 345M	2	2234	NA	NA
RADEON IGP 350M	6	2138	NA	NA
Radeon Infoshock 3000	106	1763	NA	NA
Radeon Instinct MI25 MxGPU	10466	112	NA	NA
Radeon M535DX	749	1043	NA	NA
Radeon Pro	3017	378	7.54	$399.99*
Radeon Pro 450	2722	405	NA	NA
Radeon Pro 455	3112	367	6.93	$449.00*
Radeon Pro 460	3452	336	NA	NA
Radeon Pro 465	4537	274	NA	NA
Radeon Pro 555	3140	365	2.99	$1,049.00*
Radeon Pro 560	3475	335	NA	NA
Radeon Pro 560X	3677	322	NA	NA
Radeon Pro 570	6336	211	NA	NA
Radeon Pro 580	7753	182	NA	NA
Radeon Pro 580X	7540	186	NA	NA
Radeon Pro 5300	7491	189	NA	NA
Radeon Pro 5300M	5839	226	NA	NA
Radeon Pro 5500 XT	8298	166	NA	NA
Radeon Pro 5500M	6781	202	NA	NA
Radeon Pro 5600M	9564	133	NA	NA
Radeon Pro 5700	11844	96	NA	NA
Radeon Pro 5700 XT	12551	86	NA	NA
Radeon Pro Duo	8323	165	6.94	$1,199.06*
Radeon Pro Ryzen 5 PRO 5650U	2480	450	NA	NA
Radeon Pro Ryzen 7 PRO 5850U	2306	476	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	111	4.36	$2,410.15*
Radeon Pro V340 MxGPU	2853	389	NA	NA
Radeon Pro V520 MxGPU	12852	82	NA	NA
Radeon Pro Vega 16	4682	270	NA	NA
Radeon Pro Vega 20	5116	252	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon Pro Vega 64	9795	126	NA	NA
Radeon Pro Vega 64X	14630	-1	NA	NA
Radeon Pro Vega II	14737	60	NA	NA
Radeon Pro VII	16853	40	NA	NA
Radeon Pro W5500	9261	141	19.26	$480.99*
Radeon Pro W5500M	2010	535	NA	NA
Radeon Pro W5700	15039	58	9.11	$1,649.99*
Radeon PRO W6400	5232	246	NA	NA
Radeon PRO W6600	14435	65	NA	NA
Radeon PRO W6800	19283	24	8.79	$2,194.99*
Radeon Pro WX 2100	1758	607	NA	NA
Radeon Pro WX 3100	2634	423	NA	NA
Radeon Pro WX 3200	2455	453	10.42	$235.62
Radeon Pro WX 4100	3755	321	7.51	$499.99*
Radeon Pro WX 4130	1798	594	NA	NA
Radeon Pro WX 4150	2021	532	3.31	$610.04*
Radeon Pro WX 4170	1409	687	NA	NA
Radeon Pro WX 5100	5498	238	9.98	$550.95*
Radeon Pro WX 7100	7905	174	7.54	$1,047.99*
Radeon Pro WX 7130	5721	230	NA	NA
Radeon Pro WX 8200	14051	67	8.79	$1,599.39*
Radeon Pro WX 9100	13189	80	NA	NA
Radeon Pro WX Vega M GL	6049	219	NA	NA
Radeon R1E	301	1483	NA	NA
Radeon R2	242	1539	NA	NA
Radeon R2E	221	1554	NA	NA
Radeon R3	302	1481	NA	NA
Radeon R3E	205	1578	NA	NA
Radeon R4	331	1457	0.83	$396.99*
Radeon R4E	487	1310	NA	NA
Radeon R5 220	134	1677	1.58	$85.26*
Radeon R5 230	221	1553	2.74	$81.10*
Radeon R5 235	329	1460	5.47	$60.13*

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

Video Card

Radeon R5 235X	277	1506	NA	NA
Radeon R5 240	518	1278	6.10	$85.00*
Radeon R5 310	331	1456	0.66	$499.00*
Radeon R5 330	513	1285	1.51	$339.99*
Radeon R5 340	996	855	NA	NA
Radeon R5 420	574	1219	14.39	$39.95*
Radeon R5 430	941	895	15.97	$59.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 435	840	962	NA	NA
Radeon R5 A6-7480	675	1105	NA	NA
Radeon R5 A6-8500P	776	1012	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	680	1094	NA	NA
Radeon R5 A6-9500 2C+6G	1040	827	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	843	NA	NA
Radeon R5 A10-9600P 4C+6G	805	995	NA	NA
Radeon R5 A10-9620P 4C+6G	796	999	NA	NA
Radeon R5 A10-9630P 4C+6G	1366	696	NA	NA
Radeon R5 A240	576	1217	NA	NA
Radeon R5 M230	393	1405	NA	NA
Radeon R5 M240	432	1373	NA	NA
Radeon R5 M255	517	1280	NA	NA
Radeon R5 M315	455	1348	NA	NA
Radeon R5 M320	418	1386	NA	NA
Radeon R5 M330	595	1190	NA	NA
Radeon R5 M335	548	1246	NA	NA
Radeon R5 M420	470	1328	NA	NA
Radeon R5 M430	648	1131	NA	NA
Radeon R5 M435	806	993	NA	NA
Radeon R5 Opteron X3216	394	1404	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1292	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1087	NA	NA
Radeon R5 PRO A6-8570 2C+6G	1079	808	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 PRO A6-9500B 2C+4G	693	1085	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	877	936	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	845	960	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	822	979	NA	NA
Radeon R5E	300	1484	NA	NA
Radeon R6	659	1121	NA	NA
Radeon R6 + R7 M265DX Dual	570	1224	NA	NA
Radeon R6 A8-8600P	560	1235	NA	NA
Radeon R6 A10-8700P	680	1095	NA	NA
Radeon R6 A10-9600P 4C+6G	970	872	NA	NA
Radeon R6 M255DX	572	1222	NA	NA
Radeon R6 Opteron X3418	955	880	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	593	1192	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	572	1223	NA	NA
Radeon R7 240	862	947	7.85	$109.99*
Radeon R7 240 + HD 8570D Dual	917	909	NA	NA
Radeon R7 240 + HD 8670D Dual	930	901	NA	NA
Radeon R7 250	1118	787	5.89	$189.97*
Radeon R7 250X	2268	486	11.70	$194.00*
Radeon R7 260	2891	386	32.13	$89.99*
Radeon R7 260X	3147	364	22.48	$139.99*
Radeon R7 340	930	900	NA	NA
Radeon R7 360	3023	376	20.71	$145.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 370	4493	276	NA	NA
Radeon R7 430	1096	800	5.48	$199.99*
Radeon R7 450	1965	551	6.57	$299.00*
Radeon R7 7850A10-7850K	551	1244	NA	NA
Radeon R7 +8G	1190	758	NA	NA
Radeon R7 + HD 7700 Dual	1962	553	NA	NA
Radeon R7 + R5 330 Dual	1028	834	NA	NA
Radeon R7 + R5 340 Dual	1234	740	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	929	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon R7 + R7 240 Dual	1045	826	NA	NA
Radeon R7 + R7 250 Dual	1232	743	NA	NA
Radeon R7 + R7 350 Dual	1982	544	NA	NA
Radeon R7 A8 PRO-7600B	743	1051	NA	NA
Radeon R7 A8-7500	1027	835	NA	NA
Radeon R7 A8-7500 4C+6G	853	956	NA	NA
Radeon R7 A8-7600	922	906	NA	NA
Radeon R7 A8-7650K	862	948	NA	NA
Radeon R7 A8-7670K	876	937	NA	NA
Radeon R7 A8-7680	948	889	NA	NA
Radeon R7 A8-8650	912	913	NA	NA
Radeon R7 A8-9600 RADEON	1068	812	NA	NA
Radeon R7 A10 Extreme Edition	816	988	NA	NA
Radeon R7 A10 PRO-7800B	756	1035	NA	NA
Radeon R7 A10 PRO-7850B	962	877	NA	NA
Radeon R7 A10-7700K	896	922	NA	NA
Radeon R7 A10-7800	889	926	NA	NA
Radeon R7 A10-7850K	1021	837	NA	NA
Radeon R7 A10-7860K	974	869	NA	NA
Radeon R7 A10-7870K	1122	785	NA	NA
Radeon R7 A10-7890K	1152	773	NA	NA
Radeon R7 A10-8750	976	867	NA	NA
Radeon R7 A10-8850	1114	790	NA	NA
Radeon R7 A10-9700 RADEON	1166	765	NA	NA
Radeon R7 A10-9700E RADEON	1100	794	NA	NA
Radeon R7 A12-9700P RADEON	754	1038	1.73	$435.92*
Radeon R7 A12-9720P RADEON	921	908	2.52	$365.48*
Radeon R7 A12-9730P RADEON	861	951	NA	NA
Radeon R7 A12-9800 RADEON	1248	732	NA	NA
Radeon R7 A12-9800E RADEON	1105	792	7.94	$139.19*
Radeon R7 A265	954	881	NA	NA
Radeon R7 A360	676	1101	NA	NA
Radeon R7 A365	781	1005	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 FX-9800P RADEON	848	959	1.60	$530.00*
Radeon R7 FX-9830P RADEON	1790	598	NA	NA
Radeon R7 G	869	942	NA	NA
Radeon R7 M260	446	1359	0.56	$799.00*
Radeon R7 M260DX	822	981	NA	NA
Radeon R7 M260X	954	882	NA	NA
Radeon R7 M265	576	1216	NA	NA
Radeon R7 M265DX	498	1299	NA	NA
Radeon R7 M270	750	1041	NA	NA
Radeon R7 M270DX	961	-1	NA	NA
Radeon R7 M340	651	1128	NA	NA
Radeon R7 M350	1027	836	NA	NA
Radeon R7 M360	551	1242	NA	NA
Radeon R7 M365X	883	931	NA	NA
Radeon R7 M370	1417	686	NA	NA
Radeon R7 M380	1668	623	NA	NA
Radeon R7 M440	863	946	NA	NA
Radeon R7 M445	926	903	1.25	$744.00*
Radeon R7 M460	1074	810	NA	NA
Radeon R7 M465	995	856	NA	NA
Radeon R7 M465X	1623	630	NA	NA
Radeon R7 Opteron X3421	1168	764	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1004	NA	NA
Radeon R7 PRO A8-8650B	832	971	NA	NA
Radeon R7 PRO A8-8670E	1309	714	NA	NA
Radeon R7 PRO A8-9600	1049	824	NA	NA
Radeon R7 PRO A10-8750B	954	883	NA	NA
Radeon R7 PRO A10-8770	1319	709	NA	NA
Radeon R7 PRO A10-8770E	1134	780	NA	NA
Radeon R7 PRO A10-8850B	945	893	NA	NA
Radeon R7 PRO A10-9700	1263	727	NA	NA
Radeon R7 PRO A10-9700B	1066	814	NA	NA

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

Video Card

Radeon R7 PRO A12-8830B	882	932	NA	NA
Radeon R7 PRO A12-8870	1375	694	NA	NA
Radeon R7 PRO A12-8870E	1160	770	NA	NA
Radeon R7 PRO A12-9800	1340	706	NA	NA
Radeon R7 PRO A12-9800B	829	975	NA	NA
Radeon R7 PRO A12-9800E	1014	842	NA	NA
Radeon R7E	564	1230	NA	NA
Radeon R8 M365DX	740	1055	NA	NA
Radeon R8 M445DX	806	994	NA	NA
Radeon R8 M535DX	670	1108	NA	NA
Radeon R9 255	1484	673	4.31	$344.16*
Radeon R9 260	3181	358	NA	NA
Radeon R9 270	4306	288	NA	NA
Radeon R9 270 / R7 370	4259	292	19.98	$213.16*
Radeon R9 270X	4923	261	15.08	$326.50*
Radeon R9 280	5666	232	NA	NA
Radeon R9 280X	6288	213	NA	NA
Radeon R9 285	6680	-1	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 285 / 380	5549	236	11.44	$485.00*
Radeon R9 290	8401	162	NA	NA
Radeon R9 290 / 390	8150	169	21.45	$380.00*
Radeon R9 290X	8819	153	NA	NA
Radeon R9 290X / 390X	8389	163	26.22	$319.99*
Radeon R9 295X2	8619	159	17.27	$499.10*
Radeon R9 350	2026	531	6.78	$299.00*
Radeon R9 360	3031	374	22.64	$133.89*
Radeon R9 370	4722	269	29.51	$159.99*
Radeon R9 380	6270	215	69.68	$89.99*
Radeon R9 380X	6198	217	17.71	$349.99*
Radeon R9 390	9045	148	NA	NA
Radeon R9 390X	9482	135	NA	NA
Radeon R9 A375	1024	-1	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon R9 Fury X	10118	119	NA	NA
Radeon R9 M265X	986	858	NA	NA
Radeon R9 M270X	1204	752	NA	NA
Radeon R9 M275	1114	789	1.59	$699.99*
Radeon R9 M275X	1962	552	NA	NA
Radeon R9 M275X / M375	1574	646	NA	NA
Radeon R9 M280X	922	907	NA	NA
Radeon R9 M290X	3235	354	NA	NA
Radeon R9 M295X	5150	251	3.55	$1,449.00*
Radeon R9 M360	1760	606	NA	NA
Radeon R9 M365X	1481	674	NA	NA
Radeon R9 M370X	1382	692	1.55	$889.00*
Radeon R9 M375	818	985	NA	NA
Radeon R9 M375X	1842	579	NA	NA
Radeon R9 M380	2930	385	NA	NA
Radeon R9 M385	2017	533	NA	NA
Radeon R9 M385X	1929	561	NA	NA
Radeon R9 M390X	3020	377	NA	NA
Radeon R9 M395	4991	257	NA	NA
Radeon R9 M395X	4775	264	NA	NA
Radeon R9 M470	2288	482	NA	NA
Radeon R9 M470X	3400	339	NA	NA
Radeon R9 M485X	3204	356	NA	NA
Radeon RX590 GME	8627	157	NA	NA
Radeon RX 460	4124	298	24.72	$166.81*
Radeon RX 470/570	8083	171	20.78	$388.99*
Radeon RX 480	8671	155	25.51	$339.99*
Radeon RX 540	1794	597	NA	NA
Radeon RX 550	2719	406	14.75	$184.41
Radeon RX 550X	2303	478	NA	NA
Radeon RX 560	3591	326	15.90	$225.91
Radeon RX 560X	3181	359	NA	NA
Radeon RX 570X	1923	562	6.87	$279.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon RX 580 2048SP	7818	178	NA	NA
Radeon RX 580X	7798	180	NA	NA
Radeon RX 590	9658	130	17.56	$549.99*
Radeon RX 640	1655	624	NA	NA
Radeon RX 5300	7610	185	NA	NA
Radeon RX 5300M	3854	313	NA	NA
Radeon RX 5500	8826	152	NA	NA
Radeon RX 5500 XT	9189	143	49.67	$184.99*
Radeon RX 5500M	4247	293	NA	NA
Radeon RX 5600	11029	108	NA	NA
Radeon RX 5600 XT	13836	72	25.39	$545.00*
Radeon RX 5600M	7345	191	NA	NA
Radeon RX 5700	14698	62	16.33	$899.95*
Radeon RX 5700 XT	16897	38	24.31	$694.94*
Radeon RX 5700 XT 50th Anniversary	16634	42	NA	NA
Radeon RX 6400	6528	208	40.81	$159.99
Radeon RX 6500 XT	9411	138	49.54	$189.99
Radeon RX 6600	13972	68	42.47	$329.00*
Radeon RX 6600 XT	15874	52	44.10	$359.99
Radeon RX 6600M	10165	117	33.89	$299.99
Radeon RX 6650 XT	16152	47	40.38	$399.99
Radeon RX 6650M	6212	216	NA	NA
Radeon RX 6700 XT	18875	28	44.94	$419.99
Radeon RX 6700M	11965	95	NA	NA
Radeon RX 6700S	12235	91	NA	NA
Radeon RX 6750 XT	19513	20	33.64	$579.99
Radeon RX 6800	20708	15	36.33	$569.99
Radeon RX 6800 XT	23586	8	31.04	$759.99
Radeon RX 6800M	9270	140	NA	NA
Radeon RX 6800S	13895	70	NA	NA
Radeon RX 6900 XT	25721	5	28.90	$889.99
Radeon RX 6950 XT	28062	2	25.51	$1,099.99
Radeon RX Vega11	1717	614	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 10	1678	621	NA	NA
Radeon RX Vega 11	2132	512	2.13	$1,002.00*
Radeon RX Vega 11 PRD	2401	460	NA	NA
Radeon RX Vega 11 Processor	1821	585	NA	NA
Radeon RX Vega 56	13637	75	18.11	$752.99*
Radeon RX Vega 64	14649	63	18.31	$799.99*
Radeon RX Vega M GH	6738	203	NA	NA
Radeon RX Vega M GL	3367	344	NA	NA
Radeon Ryzen 3 4300G	1595	641	NA	NA
Radeon Ryzen 3 4300GE	2294	480	NA	NA
Radeon Ryzen 3 4300U	1315	711	NA	NA
Radeon Ryzen 3 5300G	1405	688	NA	NA
Radeon Ryzen 3 5300GE	1418	-1	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 3 5400U	1202	753	NA	NA
Radeon Ryzen 3 PRO 4200GE	1712	615	NA	NA
Radeon Ryzen 3 PRO 4350G	2175	505	NA	NA
Radeon Ryzen 3 PRO 4350GE	1463	677	NA	NA
Radeon Ryzen 3 PRO 4450U	1513	665	NA	NA
Radeon Ryzen 3 PRO 5350G	1407	-1	NA	NA
Radeon Ryzen 3 PRO 5350GE	2535	442	NA	NA
Radeon Ryzen 3 PRO 5450U	1143	776	NA	NA
Radeon Ryzen 5 4500U	1801	592	NA	NA
Radeon Ryzen 5 4600G	2152	509	NA	NA
Radeon Ryzen 5 4600GE	1411	-1	NA	NA
Radeon Ryzen 5 4600H	2684	413	NA	NA
Radeon Ryzen 5 4600HS	7942	-1	NA	NA
Radeon Ryzen 5 4600U	1768	603	NA	NA
Radeon Ryzen 5 5560U	2083	519	NA	NA
Radeon Ryzen 5 5600G	2545	436	NA	NA
Radeon Ryzen 5 5600H	2559	432	NA	NA
Radeon Ryzen 5 5600U	2044	525	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2102	516	NA	NA

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

Video Card

Radeon Ryzen 5 PRO 4650U	1697	620	NA	NA
Radeon Ryzen 5 PRO 5650G	2250	490	NA	NA
Radeon Ryzen 5 PRO 5650GE	2308	474	NA	NA
Radeon Ryzen 5 PRO 5650U	2112	514	NA	NA
Radeon Ryzen 7 4700G	2546	435	NA	NA
Radeon Ryzen 7 4700GE	2579	431	NA	NA
Radeon Ryzen 7 4700U	2029	530	NA	NA
Radeon Ryzen 7 4800H	5016	256	NA	NA
Radeon Ryzen 7 4800HS	8841	151	NA	NA
Radeon Ryzen 7 4800U	2265	488	NA	NA
Radeon Ryzen 7 4850U Mobile	2137	-1	NA	NA
Radeon Ryzen 7 5700G	2802	397	NA	NA
Radeon Ryzen 7 5700GE	2964	382	NA	NA
Radeon Ryzen 7 5800H	2701	410	NA	NA
Radeon Ryzen 7 5800U	2349	467	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2288	481	NA	NA
Radeon Ryzen 7 PRO 4750G	2603	427	NA	NA
Radeon Ryzen 7 PRO 4750GE	2192	500	NA	NA
Radeon Ryzen 7 PRO 4750U	2033	528	NA	NA
Radeon Ryzen 7 PRO 5750G	2375	465	NA	NA
Radeon Ryzen 7 PRO 5750GE	2642	421	NA	NA
Radeon Ryzen 7 PRO 5850U	2235	493	NA	NA
Radeon Ryzen 9 4900H	2611	425	NA	NA
Radeon Ryzen 9 4900HS	8572	160	NA	NA
Radeon Ryzen 9 4900HSS	9460	-1	NA	NA
Radeon Ryzen 9 5900H	2754	-1	NA	NA
Radeon Ryzen 9 5900HS	8428	161	NA	NA
Radeon Ryzen 9 5900HX	2972	380	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen Embedded V2516	1163	768	NA	NA
Radeon Ryzen Embedded V2718	2134	511	NA	NA
Radeon Ryzen Embedded V2748	1296	-1	NA	NA
Radeon Sky 500	4736	267	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Radeon Vega 2	470	1329	NA	NA
Radeon Vega 3	886	928	0.33	$2,677.99*
Radeon Vega 3 Mobile	1009	845	NA	NA
Radeon Vega 6	1296	722	0.72	$1,799.99*
Radeon Vega 8	1590	644	12.54	$126.86*
Radeon Vega 8 Mobile	1438	679	NA	NA
Radeon Vega 9	1591	643	NA	NA
Radeon Vega 10	1550	655	NA	NA
Radeon Vega 10 Mobile	1465	676	NA	NA
Radeon Vega 11	1846	577	NA	NA
Radeon Vega Frontier Edition	13810	73	8.22	$1,679.99*
Radeon VII	16790	41	8.84	$1,899.95*
RADEON X300SE	38	1991	NA	NA
RADEON X550	50	1938	NA	NA
RADEON X550XT	56	1926	NA	NA
Radeon X550XTX	70	1875	NA	NA
RADEON X600 256MB HyperMemory	56	1925	NA	NA
RADEON X600XT	91	1812	NA	NA
RADEON X700	72	1868	NA	NA
RADEON X700 PRO	75	1854	NA	NA
RADEON X700 SE	71	1873	NA	NA
RADEON X800 GT	84	1832	NA	NA
RADEON X800 GTO	114	1733	NA	NA
RADEON X800 PRO	64	1899	NA	NA
RADEON X800 PRO/GTO	73	1865	NA	NA
RADEON X800 SE	129	1687	NA	NA
RADEON X800 XL	69	1881	NA	NA
RADEON X800 XT	97	1792	NA	NA
RADEON X800 XT Platinum Edition	81	1846	NA	NA
RADEON X800GT	79	1851	NA	NA
RADEON X850 PRO	72	1867	NA	NA
RADEON X850 XT	81	1848	NA	NA
RADEON X850 XT Platinum Edition	81	1839	NA	NA

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

Video Card

Radeon X1250	37	1995	NA	NA
Radeon X1270	31	2030	NA	NA
Radeon X1300	58	1918	0.61	$95.78*
Radeon X1300 PRO	84	1829	NA	NA
Radeon X1550	66	1894	0.43	$155.00*
Radeon X1550 64-bit	47	1951	NA	NA
Radeon X1600	49	1942	NA	NA
Radeon X1600 Pro	98	1784	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1600 Pro / X1300XT	69	1882	NA	NA
Radeon X1600 XT	115	1730	NA	NA
Radeon X1650 GTO	74	1857	NA	NA
Radeon X1650 Pro	84	1826	0.53	$160.89*
Radeon X1650 SE	71	1874	NA	NA
Radeon X1700 Targa Edition	116	1727	NA	NA
Radeon X1800 GTO	140	1660	NA	NA
Radeon X1900 CrossFire Edition	137	1671	NA	NA
Radeon X1900 GT	145	1653	NA	NA
Radeon X1950 CrossFire Edition	151	1640	NA	NA
Radeon X1950 GT	106	1764	NA	NA
Radeon X1950 Pro	112	1740	NA	NA
RADEON XPRESS 200	29	2038	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2081	NA	NA
RADEON XPRESS 200M	22	2070	NA	NA
Radeon Xpress 1100	34	2014	NA	NA
Radeon Xpress 1150	29	2036	NA	NA
Radeon Xpress 1200	35	2003	NA	NA
Radeon Xpress 1250	42	1969	NA	NA
Radeon Xpress 1270	26	2047	NA	NA
Radeon Xpress 1300	52	1930	NA	NA
Radeon Xpress 1300M	40	1977	NA	NA
Radeon. HD 7730M	928	902	NA	NA
RadeonT	132	-1	NA	NA

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

Video Card

RadeonT R7 450	2184	503	NA	NA
RadeonT RX 560X	1809	589	NA	NA
RadeonT RX 640	1572	648	NA	NA
RadeonT RX 5300	7321	192	NA	NA
RadeonT RX 5500M	3165	360	NA	NA
RadeonT RX 6850M	15899	51	NA	NA
RadeonT Vega 3	774	-1	NA	NA
Rage 128 Pro	1	2260	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2262	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2222	NA	NA
Red Hat QXL controller	31	2029	NA	NA
RGH Drivers v3	11	2101	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2199	NA	NA
RIVA TNT2/TNT2 Pro	3	2211	NA	NA
RTX A1000 Laptop GPU	10802	110	NA	NA
RTX A2000	13196	79	15.60	$845.99*
RTX A2000 8GB Laptop GPU	9830	123	NA	NA
RTX A2000 12GB	14424	66	NA	NA
RTX A2000 Laptop GPU	10144	118	NA	NA
RTX A3000 12GB Laptop GPU	12217	92	NA	NA
RTX A3000 Laptop GPU	13283	77	NA	NA
RTX A4000	18936	26	15.35	$1,233.98*
RTX A4000 Laptop GPU	16029	50	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A4500	21388	14	12.20	$1,752.60*
RTX A5000	23512	10	8.94	$2,631.20*
RTX A5000 Laptop GPU	16103	48	NA	NA
RTX A5500	23977	7	NA	NA
RTX A6000	21964	12	4.39	$4,999.99
RV530 PRO	118	1720	NA	NA
Ryzen 3 4300G with Radeon Graphics	1902	566	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2402	-1	NA	NA
Ryzen 3 4300U with Radeon Graphics	1348	701	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Ryzen 3 5300U with Radeon Graphics	1609	636	NA	NA
Ryzen 3 5400U with Radeon Graphics	1734	611	NA	NA
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	600	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	657	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2190	501	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	2180	504	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1538	660	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2341	469	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2340	470	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1555	651	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	668	NA	NA
Ryzen 5 4500U with Radeon Graphics	1812	587	NA	NA
Ryzen 5 4600G with Radeon Graphics	2061	522	NA	NA
Ryzen 5 4600H with Radeon Graphics	1938	559	NA	NA
Ryzen 5 4600U with Radeon Graphics	1951	557	NA	NA
Ryzen 5 5500U with Radeon Graphics	2000	542	NA	NA
Ryzen 5 5600G with Radeon Graphics	2678	416	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	428	NA	NA
Ryzen 5 5600H with Radeon Graphics	2386	463	NA	NA
Ryzen 5 5600U with Radeon Graphics	2147	510	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	477	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	678	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	537	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2395	461	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	1976	547	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1698	619	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2522	446	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2470	451	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2199	499	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	633	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	502	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	448	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 4800HS with Radeon Graphics	6999	-1	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	468	NA	NA
Ryzen 7 5700G with Radeon Graphics	2717	407	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2675	417	NA	NA
Ryzen 7 5700U with Radeon Graphics	2285	483	NA	NA
Ryzen 7 5800H with Radeon Graphics	2798	398	NA	NA
Ryzen 7 5800HS with Radeon Graphics	7391	-1	NA	NA
Ryzen 7 5800U with Radeon Graphics	2434	457	NA	NA
Ryzen 7 Extreme Edition	2157	508	NA	NA
Ryzen 7 PRO 4700G with Radeon Graphics	2879	-1	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	414	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	434	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	529	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2590	430	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2622	424	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2444	455	NA	NA
Ryzen 9 4900H with Radeon Graphics	2713	-1	NA	NA

Software
BurnInTest
PerformanceTest
OSForensics
MemTest86
WirelessMon
Zoom Search Engine
Free Software

Hardware
USB3.0 Loopback Plugs
USB2.0 Loopback Plugs
PCIe Test Cards
USB Power Delivery Tester
Serial and Parallel Loopback Plugs
USB Short Circuit Testers

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