

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)
128 DDR Radeon 9700 TX w/TV-Out	44	1871	NA	NA
128 DDR Radeon 9800 Pro	62	1813	NA	NA
128MB DDR Radeon 9800 Pro	66	1801	NA	NA
128MB RADEON X600 SE	49	1855	0.87	\$56.18*
15FF	8229	135	NA	NA
256MB DDR Radeon 9800 XT	37	1896	NA	NA
256MB RADEON X600	67	1795	NA	NA
3DP Edition	826	856	NA	NA
64MB DDR GeForce3 Ti 200	5	2048	NA	NA
64MB GeForce2 MX with TV Out	2	2145	NA	NA
7900 MOD - Radeon HD 6520G	610	1076	NA	NA
7900 MOD - Radeon HD 6550D	892	810	NA	NA
9xx Soldiers sans frontiers Sigma 2	21	1974	NA	NA
A10-8700P	513	1191	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1463	NA	NA
ABIT Siluro T400	3	2101	NA	NA
ALL-IN-WONDER 9000	4	2067	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
All-in-wonder X1900	127	1090	NA	NA
ALL-IN-WONDER X800 GT	84	1728	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2125	NA	NA
ASUS A7000	9	2011	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2086	NA	NA
ASUS EAH4870x2	496	1208	NA	NA
Asus GTX 650 FML II EC-EGPU	720	958	NA	NA
ASUS V9520-X V62.11	7	2022	NA	NA
B8DKMDAP	4557	233	NA	NA
Barco MXRT 1450	205	1486	NA	NA
Barco MXRT 2600	900	807	NA	NA
Barco MXRT 5400	1161	667	NA	NA
Barco MXRT 5450	1079	697	NA	NA
Barco MXRT 5500	2701	362	NA	NA
Barco MXRT 7100	180	1518	NA	NA
Barco MXRT 7400	900	806	NA	NA
Barco MXRT 7500	4319	249	NA	NA
Barco MXRT 7600	4943	219	NA	NA
BASICDISPLAY	69	1779	NA	NA
CARRIZO 9874	246	-1	NA	NA
Citrix Indirect Display Adapter	4446	242	NA	NA
CONNECT 3D RADEON X300	36	1900	NA	NA
Dell 8100	2	2152	0.00	\$999.11*
Dell 8200	4	2088	NA	NA
Diamond X1300-PCIE 256MB	70	1777	NA	NA
EAH5450	134	1581	1.22	\$109.99*
EG PARK	141	-1	NA	NA
EIZO Quadro MED-XN51LP	4955	218	NA	NA
Embedded Radeon E9173	1484	572	NA	NA
Extreme AX850 PRO	120	1617	NA	NA
Familia Intel Q33 Express Chipset	10	2007	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V3100	52	1637	NA	NA
FireGL V3200	84	1725	NA	NA
FireGL V3300	70	1776	NA	NA
FireGL V3350	68	1788	NA	NA
FireGL V3400	103	1673	NA	NA
FireGL V3600	179	1519	1.12	\$160.99*
FireGL V5100	92	1706	NA	NA
FireGL V5200	114	1637	NA	NA
FireGL V5600	341	1354	NA	NA
FireGL V7100	71	1768	NA	NA
FireGL V7200	116	1629	NA	NA
FireGL V7300	128	1594	0.11	\$1,189.99*
FireGL V7350	110	1651	5.55	\$19.99*
FireGL V7600	615	1072	NA	NA
FireGL V7700	660	1012	3.77	\$174.99*
FireGL V8600	838	844	NA	NA
FireGL V8650	550	1149	1.67	\$329.99*
FireGL X1	59	1822	NA	NA
FireMV 2200 PCI	1	2168	NA	NA
FireMV 2200 PCIe	36	1902	0.40	\$89.99*
FireMV 2250	45	1863	0.43	\$105.99*
FireMV 2260	117	1625	1.12	\$104.99*
FireMV 2400 PCIe	11	2002	NA	NA
FireMV 2450	73	1762	NA	NA
FirePro 2260	112	1643	NA	NA
FirePro 2270	154	1544	1.07	\$144.90*
FirePro 2450	51	1846	0.18	\$278.00*
FirePro 2460	215	1471	2.57	\$83.99*
FirePro 3D V3700	178	1521	2.10	\$84.99*
FirePro 3D V3750	341	1353	6.71	\$50.88*
FirePro 3D V3800	472	1231	3.15	\$149.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V5800	1231	545	3.33	\$309.99
FirePro 3D V7750	545	1156	1.56	\$350.00*
FirePro 3D V7800	1867	487	3.11	\$599.99*
FirePro 3D V8700	1206	655	6.03	\$199.99*
FirePro 3D V8750	1271	627	1.03	\$1,230.99*
FirePro 3D V8800	2437	392	5.74	\$424.99*
FirePro 3D V9800	2811	353	1.13	\$2,499.00*
FirePro M2000	413	1294	NA	NA
FirePro M4000	1586	547	NA	NA
FirePro M4000 Mobility Pro	1653	534	NA	NA
FirePro M40003	1364	598	NA	NA
Firepro M4100	1059	706	NA	NA
FirePro M4150	977	751	NA	NA
FirePro M4170	1091	694	NA	NA
FirePro M5100	2102	436	NA	NA
FirePro M5100 FireGL V	1839	494	NA	NA
FirePro M5950	1314	612	NA	NA
FirePro M6000	1820	499	NA	NA
FirePro M6000 Mobility Pro	1269	629	NA	NA
FirePro M6100	2054	443	NA	NA
FirePro M6100 FireGL V	2656	368	NA	NA
FirePro M7740	665	1008	NA	NA
FirePro R5000	2646	370	24.06	\$109.99*
FirePro RG220	335	1359	0.52	\$650.18*
FirePro S10000	5235	209	NA	NA
FirePro S7000	4166	256	NA	NA
FirePro S7150	6276	179	2.13	\$2,940.21*
FirePro S9000	5059	215	NA	NA
FirePro S9050	3911	-1	NA	NA
FirePro V3800	324	1374	NA	NA
FirePro V3900	673	1005	5.18	\$129.99*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V3800	1271	626	23.12	\$24.99
FirePro V5900	1293	622	4.04	\$319.99*
FirePro V7000	3161	324	NA	NA
FirePro V7800	2030	449	NA	NA
FirePro V7900	2296	411	15.95	\$144.04*
FirePro V8700	1538	561	NA	NA
FirePro V8800	2267	-1	NA	NA
FirePro V9800	2726	359	NA	NA
FirePro W2100	868	826	7.62	\$113.99*
FirePro W4100	1524	564	10.18	\$149.86*
FirePro W4170M	907	801	NA	NA
Firepro W4190M	1092	692	NA	NA
FirePro W4300	2734	357	11.39	\$239.99*
FirePro W5000	2973	340	17.50	\$169.89*
FirePro W5100	2865	349	10.27	\$279.13*
FirePro W5130M	1496	569	NA	NA
Firepro W5170M	1673	530	NA	NA
FirePro W600	1751	521	4.37	\$400.99*
FirePro W6150M	1586	-1	NA	NA
FirePro W7000	4339	246	29.72	\$146.02*
FirePro W7000 Adapter	4339	247	NA	NA
FirePro W7100	4917	220	16.96	\$289.99*
FirePro W7170M	3849	278	NA	NA
FirePro W8000	3453	301	3.29	\$1,048.99*
FirePro W8100	7234	158	6.50	\$1,112.18*
FirePro W9000	6045	186	1.76	\$3,443.99*
FirePro W9100	7750	149	2.16	\$3,593.10*
FireStream 9170	647	1028	NA	NA
FireStream 9250	1164	665	NA	NA
FireStream 9270	1341	607	NA	NA
FireStream 9370	2528	386	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 210	90	1092	1.03	\$52.03
GeForce 240M GT	319	1377	NA	NA
GeForce 256	5	2063	0.12	\$42.04*
GeForce 305M	190	1510	NA	NA
GeForce 310	123	1605	1.14	\$108.35*
GeForce 310M	112	1647	NA	NA
GeForce 315	163	1536	4.95	\$32.99*
GeForce 315M	119	1619	NA	NA
GeForce 320M	202	1491	NA	NA
GeForce 405	124	1604	5.04	\$24.64*
GeForce 410M	247	1440	NA	NA
GeForce 505	186	1512	1.62	\$115.06
GeForce 510	252	1434	3.61	\$69.99*
GeForce 605	309	1386	2.26	\$136.83
GeForce 6100	24	1959	NA	NA
GeForce 6100 nForce 400	25	1954	NA	NA
GeForce 6100 nForce 405	22	1972	NA	NA
GeForce 6100 nForce 420	25	1953	NA	NA
GeForce 6100 nForce 430	23	1969	NA	NA
GeForce 610M	288	1409	NA	NA
GeForce 615	551	1144	NA	NA
GeForce 6150	21	1973	0.07	\$329.00*
GeForce 6150 LE	34	1914	NA	NA
GeForce 6150SE	24	1957	NA	NA
GeForce 6150SE nForce 430	30	1933	NA	NA
GeForce 6200	35	1907	0.35	\$99.99
GeForce 6200 A-LE	32	1928	NA	NA
GeForce 6200 LE	31	1930	0.75	\$41.24*
GeForce 6200 TurboCache	45	1864	NA	NA
GeForce 6200A	3	2109	0.07	\$54.99*
GeForce 6200SE TurboCache	28	1941	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6600 GT	122	1011	1.88	\$94.95
GeForce 6600 LE	51	1845	NA	NA
GeForce 6610 XL	88	1719	NA	NA
GeForce 6700 XL	95	1695	NA	NA
GeForce 6800	112	1645	0.20	\$559.29*
GeForce 6800 GS	195	1504	NA	NA
GeForce 6800 GS/XT	102	1675	NA	NA
GeForce 6800 GT	142	1561	NA	NA
GeForce 6800 LE	109	1655	NA	NA
GeForce 6800 Ultra	138	1571	NA	NA
GeForce 6800 XE	58	1823	NA	NA
GeForce 6800 XT	135	1576	NA	NA
GeForce 7000M	13	1996	NA	NA
GeForce 7000M / nForce 610M	12	1997	NA	NA
GeForce 7025 / nForce 630a	34	1911	NA	NA
GeForce 7050 / nForce 610i	24	1961	NA	NA
GeForce 7050 / nForce 620i	39	1891	NA	NA
GeForce 7050 / nForce 630i	27	1947	NA	NA
GeForce 7050 PV / nForce 630a	30	1935	NA	NA
GeForce 705M	455	1252	NA	NA
GeForce 7100 / nForce 620i	26	1950	NA	NA
GeForce 7100 / nForce 630i	35	1905	NA	NA
GeForce 7100 GS	51	1842	NA	NA
GeForce 710A	486	1219	NA	NA
GeForce 710M	444	1267	NA	NA
GeForce 7150 / nForce 630i	33	1924	NA	NA
GeForce 7150M / nForce 630M	18	1983	NA	NA
GeForce 7200 GS	23	1968	NA	NA
GeForce 720A	724	952	NA	NA
GeForce 7300 GS	74	1760	NA	NA
GeForce 7300 GT	132	1585	0.88	\$149.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 SE / 7200 GS	51	1840	NA	NA
GeForce 730A	776	893	NA	NA
GeForce 7350 LE	74	1761	NA	NA
GeForce 7500 LE	65	1802	NA	NA
GeForce 7600 GS	197	1500	1.13	\$175.00*
GeForce 7600 GT	196	1502	0.99	\$199.00
GeForce 7650 GS	134	1582	NA	NA
GeForce 770M	3245	317	18.34	\$176.99*
GeForce 7800 GS	177	1522	NA	NA
GeForce 7800 GT	244	1443	3.05	\$80.00*
GeForce 7800 GTX	290	1408	NA	NA
GeForce 7900 GS	291	1406	NA	NA
GeForce 7900 GT	258	1430	NA	NA
GeForce 7900 GT/GTO	247	1442	NA	NA
GeForce 7900 GTX	387	1316	NA	NA
GeForce 7950 GT	344	1352	1.15	\$299.99*
GeForce 7950 GX2	201	1492	3.67	\$54.99*
GeForce 7950 Xtreme	287	1411	NA	NA
GeForce 800A	428	1285	NA	NA
GeForce 800M	468	1236	NA	NA
GeForce 8100 / nForce 720a	79	1750	NA	NA
GeForce 810A	627	1057	NA	NA
GeForce 810M	397	1307	NA	NA
GeForce 8200	153	1545	NA	NA
GeForce 8200M G	71	1769	NA	NA
GeForce 820A	566	1125	NA	NA
GeForce 820M	513	1192	NA	NA
GeForce 825M	768	904	NA	NA
GeForce 8300	91	1712	4.04	\$22.68*
GeForce 8300 GS	66	1797	NA	NA
GeForce 830A	1004	735	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8400 GS	119	1018	2.13	\$50.03
GeForce 8400 SE	68	1790	NA	NA
GeForce 8400M G	58	1824	NA	NA
GeForce 8400M GS	98	1684	1.25	\$78.20
GeForce 8400M GT	69	1778	NA	NA
GeForce 840A	1179	663	NA	NA
GeForce 840M	1062	702	NA	NA
GeForce 845M	1432	583	NA	NA
GeForce 8500 GT	108	1658	NA	NA
GeForce 8600 GS	93	1701	NA	NA
GeForce 8600 GT	115	1634	0.73	\$159.00
GeForce 8600 GTS	158	1539	0.66	\$239.00
GeForce 8600M GS	77	1752	NA	NA
GeForce 8600M GT	84	1731	0.78	\$108.10
GeForce 8700M GT	125	1601	NA	NA
GeForce 8800 GS	394	1308	NA	NA
GeForce 8800 GT	517	1187	3.14	\$165.00
GeForce 8800 GTS	444	1268	3.19	\$139.00
GeForce 8800 GTS 512	607	1081	NA	NA
GeForce 8800 GTX	603	1086	3.02	\$199.99*
GeForce 8800 Ultra	638	1037	NA	NA
GeForce 8800M GTS	382	1321	NA	NA
GeForce 8800M GTX	462	1244	NA	NA
GeForce 9100	81	1736	NA	NA
GeForce 9100M G	78	1751	NA	NA
GeForce 910M	556	1139	NA	NA
GeForce 9200	132	1584	NA	NA
GeForce 9200M GE	156	1541	NA	NA
GeForce 9200M GS	60	1816	NA	NA
GeForce 920A	879	820	NA	NA
GeForce 920M	727	949	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300 / nForce 7301	128	1592	NA	NA
GeForce 9300 GE	69	1783	3.02	\$22.99*
GeForce 9300 GS	71	1773	1.19	\$59.95*
GeForce 9300 SE	81	1740	NA	NA
GeForce 9300GE	97	1686	5.43	\$18.00*
GeForce 9300M G	84	1727	NA	NA
GeForce 9300M GS	90	1715	2.09	\$43.42*
GeForce 930A	1227	647	NA	NA
GeForce 930M	1021	725	NA	NA
GeForce 930MX	1331	608	NA	NA
GeForce 9400	86	1723	NA	NA
GeForce 9400 GT	90	1717	0.49	\$185.00
GeForce 9400M	87	1721	NA	NA
GeForce 9400M G	69	1780	NA	NA
GeForce 940A	1144	671	NA	NA
GeForce 940M	1105	686	NA	NA
GeForce 940MX	1536	563	NA	NA
GeForce 9450	104	1665	NA	NA
GeForce 945A	1852	490	NA	NA
GeForce 945M	2004	457	NA	NA
GeForce 9500 GS	157	1540	NA	NA
GeForce 9500 GT	135	1574	1.58	\$85.99*
GeForce 9500M	103	1671	1.02	\$101.20
GeForce 9500M G	121	1613	NA	NA
GeForce 9500M GS	104	1670	NA	NA
GeForce 9600 GS	329	1366	NA	NA
GeForce 9600 GSO	359	1341	7.18	\$49.99*
GeForce 9600 GSO 512	347	1350	NA	NA
GeForce 9600 GT	495	1209	3.33	\$149.00
GeForce 9600M GS	118	1620	NA	NA
GeForce 9600M GT	130	1588	1.67	\$78.20

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600M G1	140	1009	1.24	\$117.50
GeForce 9700M GT	216	1468	NA	NA
GeForce 9700M GTS	368	1333	NA	NA
GeForce 9800 GT	474	1230	4.74	\$99.99
GeForce 9800 GT 1024MB	134	1580	NA	NA
GeForce 9800 GTX	769	903	7.69	\$99.99*
GeForce 9800 GTX+	510	1194	NA	NA
GeForce 9800 GTX/9800 GTX+	630	1051	7.01	\$89.99*
GeForce 9800 GX2	797	877	4.09	\$195.00
GeForce 9800 S	635	1042	NA	NA
GeForce 9800M GS	457	1250	NA	NA
GeForce 9800M GT	424	1286	NA	NA
GeForce 9800M GTS	378	1322	NA	NA
GeForce 9800M GTX	461	1246	1.41	\$328.50*
GeForce 999 GTX	83	1732	NA	NA
GeForce FX 5100	7	2021	NA	NA
GeForce FX 5200	7	2024	0.08	\$89.00
GeForce FX 5200 Ultra	12	2000	NA	NA
GeForce FX 5200LE	7	2028	0.16	\$42.99*
GeForce FX 5200SE	11	2001	NA	NA
GeForce FX 5500	8	2016	0.05	\$156.97
GeForce FX 5600	12	1998	NA	NA
GeForce FX 5600 Ultra	17	1989	NA	NA
GeForce FX 5600XT	9	2012	NA	NA
GeForce FX 5700	40	1879	NA	NA
GeForce FX 5700 Ultra	34	1917	NA	NA
GeForce FX 5700LE	24	1958	NA	NA
GeForce FX 5700VE	33	1923	NA	NA
GeForce FX 5900	34	1913	NA	NA
GeForce FX 5900 Ultra	41	1877	NA	NA
GeForce FX 5900XT	40	1883	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card 				
<u>GeForce FX Go 5200</u>	8	2014	NA	NA
<u>GeForce FX Go 5600</u>	17	1987	NA	NA
<u>GeForce FX Go5300</u>	12	1999	NA	NA
<u>GeForce FX Go5650</u>	16	1990	NA	NA
<u>GeForce FX Go5700</u>	51	1844	NA	NA
<u>GeForce G 103M</u>	61	1814	NA	NA
<u>GeForce G 105M</u>	67	1793	NA	NA
<u>GeForce G100</u>	146	1557	<u>7.32</u>	<u>\$19.99*</u>
<u>GeForce G102M</u>	93	1699	NA	NA
<u>GeForce G105M</u>	112	1644	NA	NA
<u>GeForce G200</u>	199	1493	NA	NA
<u>GeForce G205M</u>	91	1711	NA	NA
<u>GeForce G210</u>	104	1666	<u>1.66</u>	<u>\$63.13*</u>
<u>GeForce G210M</u>	126	1599	NA	NA
<u>GeForce Go 6100</u>	17	1986	NA	NA
<u>GeForce Go 6150</u>	19	1979	NA	NA
<u>GeForce Go 6200</u>	15	1993	NA	NA
<u>GeForce Go 6400</u>	24	1962	NA	NA
<u>GeForce Go 6600</u>	69	1781	NA	NA
<u>GeForce Go 6600 TE/6200 TE</u>	44	1868	NA	NA
<u>GeForce Go 6800</u>	106	1663	NA	NA
<u>GeForce Go 6800 Ultra</u>	137	1572	NA	NA
<u>GeForce Go 7200</u>	45	1865	NA	NA
<u>GeForce Go 7300</u>	52	1839	NA	NA
<u>GeForce Go 7400</u>	65	1803	NA	NA
<u>GeForce Go 7600</u>	127	1595	NA	NA
<u>GeForce Go 7600 GT</u>	210	1481	NA	NA
<u>GeForce Go 7700</u>	147	1554	NA	NA
<u>GeForce Go 7800</u>	114	1636	NA	NA
<u>GeForce Go 7800 GTX</u>	209	1482	NA	NA
<u>GeForce Go 7900 GS</u>	176	1523	NA	NA

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


<u>GeForce GPU</u>	1237	541	NA	NA
<u>GeForce GT 1030</u>	2616	376	21.64	\$120.89
<u>GeForce GT 120</u>	182	1514	6.07	\$29.99*
<u>GeForce GT 120 / 9500 GT</u>	324	1373	NA	NA
<u>GeForce GT 120M</u>	265	1424	NA	NA
<u>GeForce GT 130</u>	376	1326	2.49	\$151.34
<u>GeForce GT 130M</u>	152	1546	NA	NA
<u>GeForce GT 140</u>	657	1016	NA	NA
<u>GeForce GT 220</u>	206	1485	5.17	\$39.99*
<u>GeForce GT 220M</u>	121	1614	NA	NA
<u>GeForce GT 230</u>	325	1370	7.41	\$43.99*
<u>GeForce GT 230M</u>	199	1494	NA	NA
<u>GeForce GT 240</u>	552	1143	3.12	\$176.80
<u>GeForce GT 240M</u>	211	1478	NA	NA
<u>GeForce GT 320</u>	437	1276	13.37	\$32.69*
<u>GeForce GT 320M</u>	107	1660	NA	NA
<u>GeForce GT 325M</u>	169	1530	NA	NA
<u>GeForce GT 330</u>	391	1311	9.78	\$39.99*
<u>GeForce GT 330M</u>	215	1473	NA	NA
<u>GeForce GT 335M</u>	394	1309	NA	NA
<u>GeForce GT 340</u>	774	896	14.62	\$52.99*
<u>GeForce GT 415</u>	247	1441	NA	NA
<u>GeForce GT 415M</u>	318	1379	NA	NA
<u>GeForce GT 420</u>	399	1306	2.58	\$155.00*
<u>GeForce GT 420M</u>	422	1291	NA	NA
<u>GeForce GT 425M</u>	521	1183	NA	NA
<u>GeForce GT 430</u>	579	1110	3.31	\$175.00
<u>GeForce GT 435M</u>	558	1137	NA	NA
<u>GeForce GT 440</u>	789	880	11.29	\$69.99*
<u>GeForce GT 445M</u>	880	819	NA	NA
<u>GeForce GT 520</u>	295	1398	1.97	\$149.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 520M	454	1254	NA	NA
GeForce GT 530	687	989	14.03	\$49.00*
GeForce GT 540M	488	1216	5.56	\$87.95*
GeForce GT 545	1115	681	20.07	\$55.59*
GeForce GT 550M	585	1105	NA	NA
GeForce GT 555M	703	975	3.97	\$177.20
GeForce GT 610	300	1395	1.31	\$229.99
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1334	NA	NA
GeForce GT 620	359	1340	8.98	\$39.99*
GeForce GT 620M	438	1274	NA	NA
GeForce GT 625	301	1393	NA	NA
GeForce GT 625M	435	1280	NA	NA
GeForce GT 630	675	1004	3.86	\$175.00
GeForce GT 630M	545	1154	NA	NA
GeForce GT 635	861	831	12.87	\$66.94*
GeForce GT 635M	564	1127	NA	NA
GeForce GT 640	1184	661	9.87	\$119.99
GeForce GT 640M	903	803	NA	NA
GeForce GT 640M LE	681	995	0.80	\$849.99*
GeForce GT 645	2005	455	NA	NA
GeForce GT 645M	956	765	NA	NA
GeForce GT 650M	1180	662	NA	NA
GeForce GT 705	349	1347	NA	NA
GeForce GT 710	636	1041	6.07	\$104.88
GeForce GT 710M	438	1275	NA	NA
GeForce GT 720	598	1089	5.99	\$99.99*
GeForce GT 720A	595	1093	NA	NA
GeForce GT 720M	464	1242	NA	NA
GeForce GT 730	800	874	7.82	\$102.41
GeForce GT 730A	742	936	NA	NA
GeForce GT 730M	835	847	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 140A	707	909	NA	NA
GeForce GT 740M	783	885	NA	NA
GeForce GT 745A	1144	672	NA	NA
GeForce GT 745M	1005	734	NA	NA
GeForce GT 750M	1353	603	NA	NA
GeForce GT 755M	1618	540	NA	NA
GeForce GT 820M	654	1019	NA	NA
GeForce GT625M	507	1201	NA	NA
GeForce GTS 150M	504	1202	NA	NA
GeForce GTS 160M	678	999	NA	NA
GeForce GTS 240	630	1052	9.70	\$64.99*
GeForce GTS 250	621	1063	10.35	\$59.99
GeForce GTS 250M	523	1181	NA	NA
GeForce GTS 350M	407	1297	NA	NA
GeForce GTS 360M	650	1025	NA	NA
GeForce GTS 450	1316	611	6.62	\$199.00
GeForce GTX 1050	5206	211	27.56	\$188.96
GeForce GTX 1050 (Mobile)	4461	237	NA	NA
GeForce GTX 1050 Ti	6337	176	39.61	\$159.99
GeForce GTX 1050 Ti (Mobile)	5918	190	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5587	197	NA	NA
GeForce GTX 1050 with Max-Q Design	4043	262	NA	NA
GeForce GTX 1060	9925	98	18.76	\$529.00
GeForce GTX 1060 (Mobile)	8160	136	NA	NA
GeForce GTX 1060 3GB	9650	106	19.74	\$489.00
GeForce GTX 1060 5GB	6696	170	13.69	\$489.00*
GeForce GTX 1060 with Max-Q Design	7944	142	NA	NA
GeForce GTX 1070	13382	61	21.41	\$624.99
GeForce GTX 1070 (Mobile)	10465	94	NA	NA
GeForce GTX 1070 Ti	14255	49	18.21	\$782.99
GeForce GTX 1070 with Max-Q Design	10249	95	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce GTX 1080 with Max-Q Design	11229	89	NA	NA
GeForce GTX 1650	7770	147	55.51	\$139.99
GeForce GTX 1650 (Mobile)	6968	163	NA	NA
GeForce GTX 1650 SUPER	9900	100	61.88	\$159.99
GeForce GTX 1650 Ti	7473	156	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6272	180	NA	NA
GeForce GTX 1650 with Max-Q Design	5805	194	NA	NA
GeForce GTX 1660	11598	79	50.43	\$229.99
GeForce GTX 1660 SUPER	12681	67	52.84	\$239.99
GeForce GTX 1660 Ti	11911	74	13.25	\$899.00
GeForce GTX 1660 Ti (Mobile)	10176	96	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8650	125	NA	NA
GeForce GTX 260	1212	653	16.16	\$74.99
GeForce GTX 260M	485	1221	NA	NA
GeForce GTX 275	1464	575	3.39	\$431.72
GeForce GTX 280	1043	715	8.70	\$119.99
GeForce GTX 280M	621	1064	NA	NA
GeForce GTX 285	1557	555	5.79	\$269.00
GeForce GTX 285M	675	1003	NA	NA
GeForce GTX 295	1220	649	7.63	\$159.99*
GeForce GTX 460	2293	412	20.85	\$109.99
GeForce GTX 460 SE	1947	473	12.17	\$159.99*
GeForce GTX 460 v2	2091	438	10.46	\$199.99*
GeForce GTX 460M	1191	658	NA	NA
GeForce GTX 465	2677	366	13.73	\$195.00
GeForce GTX 470	3204	319	6.14	\$522.01*
GeForce GTX 470M	1949	472	NA	NA
GeForce GTX 480	4068	261	27.12	\$149.99
GeForce GTX 480M	2050	445	NA	NA
GeForce GTX 485M	2400	398	NA	NA
GeForce GTX 550 Ti	1560	554	6.03	\$259.00

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>GeForce GTX 560 SE</u>	2088	439	<u>23.21</u>	<u>\$89.99</u>
<u>GeForce GTX 560 Ti</u>	3074	333	<u>12.06</u>	<u>\$255.00</u>
<u>GeForce GTX 560M</u>	1271	626	NA	NA
<u>GeForce GTX 570</u>	3854	277	<u>11.86</u>	<u>\$325.00</u>
<u>GeForce GTX 570M</u>	1844	492	NA	NA
<u>GeForce GTX 580</u>	4506	235	<u>16.10</u>	<u>\$279.99*</u>
<u>GeForce GTX 580M</u>	2373	401	<u>9.54</u>	<u>\$248.68*</u>
<u>GeForce GTX 590</u>	3365	310	<u>18.29</u>	<u>\$184.00*</u>
<u>GeForce GTX 645</u>	1871	486	NA	NA
<u>GeForce GTX 650</u>	1760	518	<u>5.89</u>	<u>\$299.00</u>
<u>GeForce GTX 650 Ti</u>	2544	384	<u>18.18</u>	<u>\$139.99</u>
<u>GeForce GTX 650 Ti BOOST</u>	3355	311	NA	NA
<u>GeForce GTX 660</u>	3966	268	<u>22.04</u>	<u>\$179.99</u>
<u>GeForce GTX 660 Ti</u>	4351	245	<u>11.45</u>	<u>\$380.00</u>
<u>GeForce GTX 660M</u>	1409	589	<u>17.84</u>	<u>\$78.99*</u>
<u>GeForce GTX 670</u>	5336	207	<u>13.38</u>	<u>\$399.00</u>
<u>GeForce GTX 670M</u>	1791	511	NA	NA
<u>GeForce GTX 670MX</u>	1923	479	NA	NA
<u>GeForce GTX 675M</u>	1856	489	NA	NA
<u>GeForce GTX 675MX</u>	1972	463	NA	NA
<u>GeForce GTX 680</u>	5492	204	<u>21.97</u>	<u>\$249.99</u>
<u>GeForce GTX 680M</u>	2989	339	<u>21.99</u>	<u>\$135.99*</u>
<u>GeForce GTX 680M KY_Bullet Edition</u>	3568	291	NA	NA
<u>GeForce GTX 680MX</u>	4270	252	NA	NA
<u>GeForce GTX 690</u>	5688	195	<u>8.77</u>	<u>\$649.00</u>
<u>GeForce GTX 745</u>	2187	425	<u>7.81</u>	<u>\$280.00</u>
<u>GeForce GTX 750</u>	3401	305	<u>22.68</u>	<u>\$149.99</u>
<u>GeForce GTX 750 Ti</u>	3932	272	<u>23.13</u>	<u>\$169.99</u>
<u>GeForce GTX 760</u>	4796	224	<u>25.93</u>	<u>\$185.00</u>
<u>GeForce GTX 760 Ti</u>	5196	212	<u>17.47</u>	<u>\$297.50*</u>
<u>GeForce GTX 760 Ti OEM</u>	5427	205	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 700M	1930	470	10.40	\$180.00
GeForce GTX 770	5865	192	23.89	\$245.55
GeForce GTX 770M	2840	351	20.58	\$138.00*
GeForce GTX 775M	4222	255	NA	NA
GeForce GTX 780	8001	141	21.69	\$369.00
GeForce GTX 780 Ti	9135	115	18.31	\$499.00
GeForce GTX 780M	3732	285	7.48	\$499.00
GeForce GTX 850A	1049	709	NA	NA
GeForce GTX 850M	2589	378	NA	NA
GeForce GTX 850M - MODDED	1091	693	NA	NA
GeForce GTX 860M	3104	329	27.23	\$114.00
GeForce GTX 870M	3408	304	NA	NA
GeForce GTX 880M	4091	260	NA	NA
GeForce GTX 950	5407	206	36.05	\$149.99
GeForce GTX 950A	2432	394	NA	NA
GeForce GTX 950M	2629	374	4.64	\$567.00*
GeForce GTX 960	6025	187	40.17	\$149.99
GeForce GTX 960A	2410	396	NA	NA
GeForce GTX 960M	3477	299	2.97	\$1,169.00*
GeForce GTX 965M	3978	267	NA	NA
GeForce GTX 970	9731	103	29.94	\$325.00
GeForce GTX 970M	5862	193	27.92	\$209.99*
GeForce GTX 970XM FORCE	6706	168	NA	NA
GeForce GTX 980	11268	88	17.64	\$639.00
GeForce GTX 980 Ti	13877	53	16.92	\$820.00
GeForce GTX 980M	7276	157	25.09	\$289.99*
GeForce GTX Titan	8544	129	11.55	\$740.00
GeForce GTX TITAN Black	9211	113	12.53	\$735.00
GeForce GTX TITAN X	13036	63	14.49	\$899.98
GeForce GTX TITAN Z	9133	116	5.40	\$1,690.00
GeForce MX110	1505	567	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX230	1930	470	NA	NA
GeForce MX250	2562	383	NA	NA
GeForce MX330	2631	373	NA	NA
GeForce MX350	2895	344	NA	NA
GeForce MX450	3750	284	NA	NA
GeForce PCX 5300	6	2039	NA	NA
GeForce PCX 5750	34	1910	NA	NA
GeForce PCX 5900	34	1918	NA	NA
GeForce RTX 2060	13853	55	28.86	\$479.99
GeForce RTX 2060 (Mobile)	11354	84	NA	NA
GeForce RTX 2060 SUPER	16458	31	38.28	\$429.99
GeForce RTX 2060 with Max-Q Design	9786	101	NA	NA
GeForce RTX 2070	16108	34	15.64	\$1,029.99
GeForce RTX 2070 (Mobile)	12354	69	NA	NA
GeForce RTX 2070 SUPER	18119	21	34.51	\$524.99
GeForce RTX 2070 Super with Max-Q Design	14612	46	NA	NA
GeForce RTX 2070 with Max-Q Design	12299	70	NA	NA
GeForce RTX 2080	18603	18	14.42	\$1,289.99
GeForce RTX 2080 (Mobile)	15107	39	NA	NA
GeForce RTX 2080 SUPER	19503	15	27.09	\$719.99
GeForce RTX 2080 Super with Max-Q Design	13867	54	NA	NA
GeForce RTX 2080 Ti	21686	8	10.33	\$2,100.00
GeForce RTX 2080 with Max-Q Design	13926	51	6.63	\$2,099.99*
GeForce RTX 3050 Ti Laptop GPU	8732	123	NA	NA
GeForce RTX 3060	16650	29	50.61	\$329.00*
GeForce RTX 3060 Laptop GPU	12276	71	8.82	\$1,391.99*
GeForce RTX 3060 Ti	19695	13	38.62	\$509.99
GeForce RTX 3070	21789	7	27.24	\$799.99
GeForce RTX 3070 Laptop GPU	14196	50	NA	NA
GeForce RTX 3080	24337	4	27.04	\$899.99*
GeForce RTX 3080 Laptop GPU	15358	38	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce2 GTS/GeForce2 Pro	3	2096	NA	NA
GeForce2 Integrated GPU	4	2087	NA	NA
GeForce2 MX	2	2137	NA	NA
GeForce2 MX 100/200	3	2121	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2071	NA	NA
GeForce2 MX/MX 400	3	2100	NA	NA
GeForce2 Ti	4	2079	NA	NA
GeForce2 Ultra	6	2036	NA	NA
GeForce3	4	2068	NA	NA
GeForce3 Ti 200	4	2094	NA	NA
GeForce3 Ti 500	2	2147	NA	NA
GeForce4 420 Go	3	2118	NA	NA
GeForce4 420 Go 32M	5	2058	NA	NA
GeForce4 4200 Go	3	2099	NA	NA
GeForce4 440	4	2065	NA	NA
GeForce4 440 Go	3	2106	NA	NA
GeForce4 440 Go 64M	5	2043	NA	NA
GeForce4 448 Go	5	2055	NA	NA
GeForce4 MX 4000	4	2085	NA	NA
GeForce4 MX 420	4	2072	NA	NA
GeForce4 MX 440	4	2082	NA	NA
GeForce4 MX 440 with AGP8X	4	2069	NA	NA
GeForce4 MX 440SE	4	2081	NA	NA
GeForce4 MX 460	4	2091	NA	NA
GeForce4 MX Integrated GPU	6	2034	NA	NA
GeForce4 Ti 4200	5	2054	NA	NA
GeForce4 Ti 4400	7	2027	NA	NA
GeForce4 Ti 4600	5	2056	0.10	\$53.99*
GeForce4 Ti 4800	5	2045	NA	NA
GeForce4 Ti 4800 SE	6	2030	NA	NA
GeForce9400M	105	1664	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Gigabyte RADEON X300</u>	40	1878	NA	NA
<u>GRID GTX P40-6</u>	4043	-1	NA	NA
<u>GRID K1</u>	810	868	2.05	\$395.00*
<u>GRID K120Q</u>	293	1401	NA	NA
<u>GRID K140Q</u>	727	948	NA	NA
<u>GRID K160Q</u>	628	1054	NA	NA
<u>GRID K180Q</u>	533	1167	NA	NA
<u>GRID K2</u>	3176	322	0.75	\$4,239.44
<u>GRID K220Q</u>	912	797	NA	NA
<u>GRID K240Q</u>	2578	379	NA	NA
<u>GRID K260Q</u>	2940	342	NA	NA
<u>GRID K280Q</u>	2362	402	NA	NA
<u>GRID K520</u>	3177	321	4.24	\$749.95*
<u>GRID M10-0Q</u>	913	795	NA	NA
<u>GRID M10-1B</u>	2309	409	NA	NA
<u>GRID M10-1Q</u>	3351	313	NA	NA
<u>GRID M10-2B</u>	2416	395	NA	NA
<u>GRID M10-2Q</u>	2653	369	NA	NA
<u>GRID M10-4Q</u>	3223	318	NA	NA
<u>GRID M10-8Q</u>	2606	377	NA	NA
<u>GRID M6-0B</u>	911	798	NA	NA
<u>GRID M6-1Q</u>	2069	440	NA	NA
<u>GRID M6-8Q</u>	3568	292	NA	NA
<u>GRID M60-0B</u>	1838	495	NA	NA
<u>GRID M60-0Q</u>	827	855	NA	NA
<u>GRID M60-1B</u>	4456	241	NA	NA
<u>GRID M60-1Q</u>	4250	254	NA	NA
<u>GRID M60-2Q</u>	4315	250	NA	NA
<u>GRID M60-4Q</u>	3831	280	NA	NA
<u>GRID M60-8A</u>	5523	201	NA	NA
<u>GRID M60-8Q</u>	3883	275	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P100-8Q	3841	219	NA	NA
GRID P40-24Q	4727	228	NA	NA
GRID P40-2B	3354	312	NA	NA
GRID P40-2Q	4287	251	NA	NA
GRID P40-3Q	681	996	NA	NA
GRID P40-4Q	777	892	NA	NA
GRID P6-2Q	4000	265	NA	NA
GRID P6-4Q	4429	243	NA	NA
GRID RTX6000P-4Q	4283	-1	NA	NA
GRID RTX8000-4Q	3960	269	NA	NA
GRID RTX8000P-2Q	3843	-1	NA	NA
GRID T4-1Q	2702	361	NA	NA
GRID T4-2Q	1850	-1	NA	NA
GRID T4-4Q	3072	334	NA	NA
GRID T4-8Q	4283	-1	NA	NA
GRID V100-8Q	16	1991	NA	NA
GRID V100D-8Q	4155	257	NA	NA
GT 430	223	1458	1.56	\$142.88*
HD	143	-1	1.10	\$129.99
HD6450	220	1461	3.30	\$66.85
HIS DIGITAL HD 4650 AGP	452	1258	NA	NA
IGP 340M	1	2162	NA	NA
Incredible HD	389	1313	NA	NA
Incredible HD 3000	291	-1	NA	NA
Incredible HD 4000	517	1188	NA	NA
Incredible HD 4600	749	925	NA	NA
Intel - Express Chipset G41	56	1832	NA	NA
Intel - Express Chipset Q45/Q43	57	1827	NA	NA
Intel 2nd Generation SandyBridge HD	212	1477	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1488	NA	NA
Intel 4th Generation Haswell HD	419	1292	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Intel 82845G/GL/GE/PE/GV Controller	4	2132	NA	NA
Intel 82852/82855 GM/GME Controller	1	2165	NA	NA
Intel 82865G Controller	4	2076	NA	NA
Intel 82915G Express	5	2049	NA	NA
Intel 82915G/915GV/910GL	3	2107	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2141	NA	NA
Intel 82915G/GV/910GL Express	3	2127	NA	NA
Intel 82945G Express	20	1976	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2019	NA	NA
Intel 865 Embedded Controller	3	2108	NA	NA
Intel 915G,910G Express	4	2096	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2077	NA	NA
Intel 945G Embedded Chipset Function 0	4	2084	NA	NA
Intel 946GZ Embedded Chipset Function 0	3	2122	NA	NA
Intel 946GZ Express	4	2097	NA	NA
Intel B43 Express Chipset	68	1789	NA	NA
Intel Coffee Lake UHD	1158	669	NA	NA
Intel Extreme Controller	1	2156	NA	NA
Intel G33/G31 Express	115	1632	NA	NA
Intel G35 Express	3090	331	NA	NA
Intel G41 Express Chipset	64	1805	NA	NA
Intel G41 Express-Chipsatz	57	1829	NA	NA
Intel G45/G43 Express Chipset	67	1794	NA	NA
Intel G45/G43/G41 Express Chipset	67	1791	NA	NA
Intel G965 Express	24	1960	NA	NA
Intel GMA 3150 Express	2	2148	NA	NA
Intel Haswell HD - GT1	123	1609	NA	NA
Intel Haswell HD - GT2	139	1569	NA	NA
Intel HD 2000	213	1476	NA	NA
Intel HD 3000	258	1431	0.27	\$945.00*
Intel HD 4000	332	1363	0.21	\$1 502.95*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 500	302	1391	NA	NA
Intel HD 5000	554	1141	0.89	\$625.00*
Intel HD 505	348	1348	NA	NA
Intel HD 510	620	1066	NA	NA
Intel HD 515	618	1069	NA	NA
Intel HD 520	860	832	NA	NA
Intel HD 5200	830	853	NA	NA
Intel HD 530	989	745	NA	NA
Intel HD 5300	401	1303	NA	NA
Intel HD 5500	581	1109	NA	NA
Intel HD 5600	712	965	NA	NA
Intel HD 6000	849	839	NA	NA
Intel HD 610	668	1006	NA	NA
Intel HD 615	733	944	NA	NA
Intel HD 630	1159	668	NA	NA
Intel HD Family	455	1253	NA	NA
Intel HD Graphics 620	919	791	NA	NA
Intel HD manual-15.28-1861	62	1810	NA	NA
Intel HD manual-gen9_2015-133271	165	1533	NA	NA
Intel HD Modded	112	1648	NA	NA
Intel HD P3000	294	1399	NA	NA
Intel HD P4000	516	1189	NA	NA
Intel HD P4600	604	1085	NA	NA
Intel HD P4600/P4700	634	1045	NA	NA
Intel HD P530	1310	613	NA	NA
Intel HD P630	1276	624	NA	NA
Intel Infoshock HD	193	1505	NA	NA
Intel Iris 5100	746	929	NA	NA
Intel Iris 540	1256	633	NA	NA
Intel Iris 550	1359	601	NA	NA
Intel Iris 6100	856	833	NA	NA

 **Video Card** ▼

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

<u>Intel Iris Plus 640</u>	1323	609	NA	NA
<u>Intel Iris Plus 645</u>	1747	522	NA	NA
<u>Intel Iris Plus 650</u>	1601	545	NA	NA
<u>Intel Iris Plus 655</u>	1793	510	NA	NA
<u>Intel Iris Pro 5200</u>	1019	727	NA	NA
<u>Intel Iris Pro 580</u>	2027	451	NA	NA
<u>Intel Iris Pro 6100</u>	925	789	NA	NA
<u>Intel Iris Pro Graphics 6200</u>	1464	576	NA	NA
<u>Intel Iris Pro P580</u>	2168	429	NA	NA
<u>Intel Iris Pro P6300</u>	1418	585	NA	NA
<u>Intel Iris Xe</u>	2886	346	NA	NA
<u>Intel Media Accelerator</u>	32	1925	NA	NA
<u>Intel Media Accelerator 3150</u>	2	2131	NA	NA
<u>Intel Media Accelerator 500</u>	3	2115	NA	NA
<u>Intel Media Accelerator 600</u>	6	2029	NA	NA
<u>Intel Media Accelerator HD</u>	95	1693	NA	NA
<u>Intel Poison Ivy</u>	738	941	NA	NA
<u>Intel Q33 Express</u>	6	2037	NA	NA
<u>Intel Q35 Embedded</u>	8	2015	NA	NA
<u>Intel Q35 Express</u>	220	1462	NA	NA
<u>Intel Q45/Q43 Express Chipset</u>	132	1586	NA	NA
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	1830	NA	NA
<u>Intel Q965/Q963 Express</u>	224	1457	NA	NA
<u>Intel Skylake HD DT GT2</u>	576	1116	NA	NA
<u>Intel UHD</u>	1788	513	NA	NA
<u>Intel UHD 600</u>	333	1362	NA	NA
<u>Intel UHD 605</u>	375	1328	NA	NA
<u>Intel UHD 610</u>	727	951	NA	NA
<u>Intel UHD 615</u>	765	907	NA	NA
<u>Intel UHD 617</u>	869	825	NA	NA
<u>Intel UHD 620</u>	888	812	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD 750	1004	531	NA	NA
Intel UHD Graphics 620	1049	710	NA	NA
Intel UHD P630	2798	355	NA	NA
Intel US15 Embedded Media and Controller	7	2026	NA	NA
ION	90	1716	0.39	\$229.99*
ION LE	97	1685	NA	NA
KV SPECTRE LITE MOBILE 25W	538	1164	NA	NA
LMIMIRR	874	821	NA	NA
M71-M	64	1807	NA	NA
M76M	124	1603	NA	NA
M860G with Mobility Radeon 4100	75	1757	NA	NA
M880G with Mobility Radeon HD 4200	92	1704	NA	NA
M880G with Mobility Radeon HD 4225	71	1771	NA	NA
M880G with Mobility Radeon HD 4250	104	1669	NA	NA
Master X3100 Driver	10	2005	NA	NA
Matrox C420 LP PCIe x16	634	1044	NA	NA
Matrox C680 PCIe x16	1903	482	NA	NA
Matrox C900 PCIe x16	1812	502	NA	NA
Matrox G200e WDDM 1.2	59	1820	NA	NA
Matrox G200e WDDM 2.0	123	1607	NA	NA
Matrox G200eh	40	1881	NA	NA
Matrox G200eh WDDM 1.2	51	1841	NA	NA
Matrox G200eh WDDM 2.0	45	1866	NA	NA
Matrox G200eR	36	1899	NA	NA
Matrox G200eR WDDM 1.2	50	1848	NA	NA
Matrox G200eR WDDM 2.0	67	1792	NA	NA
Matrox G200eW	39	1885	NA	NA
Matrox G200eW WDDM 1.2	50	1851	NA	NA
Matrox G200eW3 WDDM 2.0	94	1697	NA	NA
Matrox M9120 PCIe x16	19	1978	NA	NA
Matrox M9120 Plus LP PCIe x16	5	2050	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Matrox M9138 LP PCIe x16</u>	42	1875	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	1966	NA	NA
<u>Matrox M9148 LP PCIe x16</u>	9	2008	NA	NA
<u>Matrox Millennium P650 PCIe 128</u>	5	2059	NA	NA
<u>Matrox Millennium P690 PCIe x16</u>	366	1335	NA	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2031	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2117	<u>0.01</u>	<u>\$549.99*</u>
<u>Matrox Parhelia 256MB</u>	9	2009	NA	NA
<u>Matrox Parhelia APVe</u>	5	2052	NA	NA
<u>MCT USB3.0 External Device</u>	520	-1	NA	NA
<u>MEDION RADEON 9800 XXL</u>	71	1770	NA	NA
<u>MEDION RADEON X740XL</u>	94	1696	NA	NA
<u>MIRRORV3</u>	1080	696	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	1892	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	1870	NA	NA
<u>Mobile Intel 45 Express</u>	58	1826	NA	NA
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	1626	NA	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	2	2149	NA	NA
<u>Mobile Intel 945 Express</u>	1	2159	NA	NA
<u>Mobile Intel 945GM Express</u>	5	2046	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2060	NA	NA
<u>Mobile Intel 965 Express</u>	68	1787	NA	NA
<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	2017	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	1963	NA	NA
<u>Mobile Intel HD</u>	325	1369	<u>0.68</u>	<u>\$479.98</u>
<u>Mobile Intel serie 4 Express</u>	44	1869	NA	NA
<u>Mobile Intel965 Express</u>	17	1988	NA	NA
<u>MOBILITY FIREGL 7800</u>	4	2073	NA	NA
<u>MOBILITY FIREGL T2</u>	40	1880	NA	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	1921	NA	NA
<u>MOBILITY FireGL V3200</u>	62	1812	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY FireGL V5725	21	1944	NA	NA
Mobility FireGL V5725	219	1464	NA	NA
MOBILITY IGP 9000/9100	10	2006	NA	NA
Mobility Radeon 4100	81	1744	NA	NA
MOBILITY RADEON 7000 IGP	6	2038	NA	NA
MOBILITY RADEON 7500	3	2111	NA	NA
MOBILITY RADEON 9000	3	2120	NA	NA
MOBILITY RADEON 9000 IGP	7	2020	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2051	NA	NA
MOBILITY RADEON 9100 IGP	2	2130	NA	NA
MOBILITY RADEON 9200	3	2129	NA	NA
MOBILITY RADEON 9550	30	1936	NA	NA
MOBILITY RADEON 9600	36	1903	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	1956	NA	NA
MOBILITY RADEON 9600/9700	39	1888	NA	NA
MOBILITY RADEON 9700	27	1943	NA	NA
MOBILITY RADEON 9800	46	1862	NA	NA
Mobility Radeon HD 2300	50	1849	NA	NA
Mobility Radeon HD 2400	89	1718	NA	NA
Mobility Radeon HD 2400 XT	102	1676	NA	NA
Mobility Radeon HD 2600	167	1531	NA	NA
Mobility Radeon HD 2600 XT	191	1508	NA	NA
Mobility Radeon HD 3400 Serisi	111	1650	NA	NA
Mobility Radeon HD 3410	62	1809	NA	NA
Mobility Radeon HD 3430	98	1683	NA	NA
Mobility Radeon HD 3450	91	1713	NA	NA
Mobility Radeon HD 3470	93	1700	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	1698	NA	NA
Mobility Radeon HD 3650	128	1593	1.75	\$73.53
Mobility Radeon HD 3670	232	1453	NA	NA
Mobility Radeon HD 3850	365	1337	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Mobility Radeon HD 4200</u>	90	1 / 14	NA	NA
<u>Mobility Radeon HD 4225</u>	66	1800	NA	NA
<u>Mobility Radeon HD 4250</u>	98	1681	NA	NA
<u>Mobility Radeon HD 4270</u>	92	1703	NA	NA
<u>Mobility Radeon HD 4300 Serisi</u>	73	1765	NA	NA
<u>Mobility Radeon HD 4330</u>	135	1575	NA	NA
<u>Mobility Radeon HD 4350</u>	148	1553	NA	NA
<u>Mobility Radeon HD 4550</u>	191	1509	NA	NA
<u>Mobility Radeon HD 4570</u>	132	1583	<u>1.75</u>	<u>\$75.90</u>
<u>Mobility Radeon HD 4650</u>	401	1304	NA	NA
<u>Mobility Radeon HD 4670</u>	463	1243	NA	NA
<u>Mobility Radeon HD 4830</u>	511	1193	NA	NA
<u>Mobility Radeon HD 4850</u>	866	828	NA	NA
<u>Mobility Radeon HD 4870</u>	719	959	NA	NA
<u>Mobility Radeon HD 5000</u>	773	899	NA	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1224	NA	NA
<u>Mobility Radeon HD 5165</u>	284	1412	NA	NA
<u>Mobility Radeon HD 530v</u>	174	1525	NA	NA
<u>Mobility Radeon HD 540v</u>	188	1511	NA	NA
<u>Mobility Radeon HD 5430</u>	181	1515	NA	NA
<u>Mobility Radeon HD 5450</u>	214	1475	NA	NA
<u>Mobility Radeon HD 545v</u>	199	1495	NA	NA
<u>Mobility Radeon HD 5470</u>	236	1450	NA	NA
<u>Mobility Radeon HD 550v</u>	266	1423	NA	NA
<u>Mobility Radeon HD 5570</u>	550	1147	NA	NA
<u>Mobility Radeon HD 560v</u>	318	1380	NA	NA
<u>Mobility Radeon HD 5650</u>	456	1251	NA	NA
<u>Mobility Radeon HD 565v</u>	353	1345	NA	NA
<u>Mobility Radeon HD 5730</u>	493	1211	NA	NA
<u>Mobility Radeon HD 5850</u>	763	911	NA	NA
<u>Mobility Radeon HD 5870</u>	1009	730	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>MOBILITY RADEON X1300</u>	39	1884	NA	NA
<u>Mobility Radeon X1400</u>	42	1872	NA	NA
<u>Mobility Radeon X1450</u>	33	1922	NA	NA
<u>Mobility Radeon X1600</u>	92	1708	NA	NA
<u>Mobility Radeon X1700</u>	104	1667	NA	NA
<u>MOBILITY RADEON X1800</u>	130	1589	NA	NA
<u>Mobility Radeon X1900</u>	134	1577	NA	NA
<u>Mobility Radeon X2300</u>	48	1857	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	1856	NA	NA
<u>Mobility Radeon X2500</u>	81	1738	NA	NA
<u>MOBILITY RADEON X300</u>	33	1920	NA	NA
<u>MOBILITY RADEON X600</u>	50	1850	NA	NA
<u>MOBILITY RADEON X600 SE</u>	49	1853	NA	NA
<u>MOBILITY RADEON X700</u>	66	1796	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	1817	NA	NA
<u>MOBILITY RADEON XPRESS 200</u>	27	1946	NA	NA
<u>Mobility Radeon. HD 5470</u>	215	1472	NA	NA
<u>MOBILITY/RADEON 9000</u>	4	2093	NA	NA
<u>MONSTER GeForce GTX 675M</u>	2637	371	NA	NA
<u>MxGPU</u>	1826	497	NA	NA
<u>N16P-GX</u>	1204	656	NA	NA
<u>N18E-Q1</u>	2525	387	NA	NA
<u>nForce 750a SLI</u>	83	1734	NA	NA
<u>nForce 760i SLI</u>	140	1568	NA	NA
<u>nForce 780a SLI</u>	92	1709	NA	NA
<u>nForce 980a/780a SLI</u>	81	1741	NA	NA
<u>NV44</u>	15	1992	NA	NA
<u>NVIDIA TITAN X</u>	13659	58	<u>22.46</u>	<u>\$608.10*</u>
<u>NVIDIA TITAN Xp</u>	18280	20	<u>13.07</u>	<u>\$1,398.68*</u>
<u>NVS 2100M</u>	139	1570	NA	NA
<u>NVS 300</u>	113	1640	<u>1.80</u>	<u>\$63.00</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 310	293	1400	4.20	\$09.00
NVS 4200M	251	1436	0.63	\$399.00*
NVS 510	721	957	3.15	\$229.00
NVS 5100M	202	1490	NA	NA
NVS 5200M	541	1161	NA	NA
NVS 5400M	640	1034	NA	NA
NVS 810	1093	691	1.75	\$624.99*
OPAL XT/GL	1053	707	NA	NA
OpenXT Display Driver	30	1932	NA	NA
P104-100	4449	-1	14.83	\$299.99*
P106-090	2327	408	NA	NA
P106-100	5022	217	NA	NA
PHDGD Ivy 4	374	1329	NA	NA
PHDGD Ivy 5	445	1265	NA	NA
PHDGD Quantic C3	116	1627	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	1951	NA	NA
PHDGD Solo 1.2.0 x86	11	2004	NA	NA
PHDGD Solo 2 x64	20	1977	NA	NA
Professional HD Driver	653	1021	NA	NA
Q12U-1	5164	213	NA	NA
Quadro 1000M	594	1094	10.90	\$54.50*
Quadro 1100M	755	920	NA	NA
Quadro 2000	943	778	4.34	\$217.50
Quadro 2000 D	1239	638	NA	NA
Quadro 2000D	938	780	6.71	\$140.00*
Quadro 2000M	800	875	3.49	\$229.74
Quadro 2100M	1100	689	NA	NA
Quadro 280 NVS PCIe	5	2047	NA	NA
Quadro 3000M	1028	723	14.70	\$69.99*
Quadro 400	149	1550	0.62	\$242.50
Quadro 4000	1482	573	6.89	\$215.00

 **Video Card** ▼


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 5000	2020	433	8.82	\$229.00
Quadro 5000M	2059	442	NA	NA
Quadro 500M	664	1010	2.41	\$275.14*
Quadro 5010M	2000	458	8.48	\$235.95*
Quadro 600	551	1145	7.26	\$76.00*
Quadro 6000	2693	364	5.81	\$464.00
Quadro 7000	3505	297	NA	NA
Quadro CX	947	774	6.32	\$149.95*
Quadro FX 1000	34	1916	NA	NA
Quadro FX 1100	35	1904	0.17	\$212.99*
Quadro FX 1300	34	1915	NA	NA
Quadro FX 1400	103	1672	0.42	\$245.01*
Quadro FX 1500	175	1524	1.52	\$115.01*
Quadro FX 1500M	171	1527	NA	NA
Quadro FX 1600M	185	1513	1.24	\$149.90*
Quadro FX 1700	121	1615	0.94	\$129.00*
Quadro FX 1700M	180	1517	NA	NA
Quadro FX 1800	404	1302	2.99	\$135.00*
Quadro FX 1800M	439	1273	NA	NA
Quadro FX 2000	18	1985	NA	NA
Quadro FX 2500M	217	1465	12.45	\$17.50*
Quadro FX 2700	543	1159	NA	NA
Quadro FX 2700M	376	1327	3.76	\$99.95*
Quadro FX 2800M	400	1305	2.11	\$190.00*
Quadro FX 3000	69	1785	0.41	\$166.61*
Quadro FX 3400/4400	104	1668	NA	NA
Quadro FX 3450	148	1551	1.24	\$119.99*
Quadro FX 3450/4000 SDI	134	1579	NA	NA
Quadro FX 350	85	1724	NA	NA
Quadro FX 3500	315	1383	4.57	\$68.98*
Quadro FX 3500M	306	1388	3.06	\$69.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 350M	80	1722	NA	NA
Quadro FX 370	83	1733	0.67	\$125.00*
Quadro FX 370 Low Profile	102	1674	NA	NA
Quadro FX 370 LP	108	1659	NA	NA
Quadro FX 3700	387	1317	2.43	\$159.58*
Quadro FX 3700M	493	1212	0.53	\$925.00*
Quadro FX 370M	93	1702	NA	NA
Quadro FX 380	97	1689	1.34	\$72.50*
Quadro FX 380 LP	142	1560	NA	NA
Quadro FX 3800	780	888	5.24	\$149.00*
Quadro FX 3800M	584	1107	NA	NA
Quadro FX 380M	129	1591	NA	NA
Quadro FX 4000	101	1679	NA	NA
Quadro FX 4500	205	1487	1.22	\$169.00*
Quadro FX 4500 X2	236	1451	NA	NA
Quadro FX 4600	444	1266	1.33	\$333.25
Quadro FX 4700 X2	676	1002	NA	NA
Quadro FX 4800	968	756	4.87	\$199.00*
Quadro FX 500/600 PCI	14	1994	NA	NA
Quadro FX 500/FX 600	7	2023	NA	NA
Quadro FX 540	80	1746	1.35	\$59.99*
Quadro FX 550	63	1808	0.43	\$149.00*
Quadro FX 5500	242	1444	0.12	\$1,999.00
Quadro FX 560	113	1639	0.76	\$150.25*
Quadro FX 5600	561	1130	3.32	\$168.98*
Quadro FX 570	115	1633	1.00	\$115.00*
Quadro FX 570M	122	1612	NA	NA
Quadro FX 580	141	1562	1.09	\$130.00*
Quadro FX 5800	1246	636	4.89	\$255.00
Quadro FX 770M	217	1467	0.41	\$527.00*
Quadro FX 880M	227	1456	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro GV 100	12721	65	1.41	\$8,999.00
Quadro K1000M	765	908	10.94	\$69.95*
Quadro K1100M	1105	685	3.42	\$322.99*
Quadro K1200	2878	348	8.86	\$325.00
Quadro K2000	1573	551	7.32	\$215.06
Quadro K2000D	1625	539	5.44	\$299.00
Quadro K2000M	1040	716	7.22	\$144.04*
Quadro K2100M	1368	597	3.29	\$415.99*
Quadro K2200	3537	293	12.20	\$289.87
Quadro K2200M	3893	274	31.16	\$124.95*
Quadro K3000M	1634	538	4.01	\$407.56
Quadro K3100M	2283	414	5.71	\$399.95*
Quadro K4000	2695	363	11.00	\$245.00
Quadro K4000M	2021	452	8.25	\$245.00
Quadro K4100M	2565	380	7.97	\$322.00
Quadro K420	779	889	2.90	\$269.00*
Quadro K4200	4321	248	7.23	\$597.98
Quadro K5000	3933	271	7.04	\$559.00
Quadro K5000M	2956	341	8.96	\$330.00
Quadro K500M	480	-1	NA	NA
Quadro K5100M	3184	320	2.87	\$1,108.84
Quadro K510M	610	1077	NA	NA
Quadro K5200	5879	191	13.67	\$429.95
Quadro K600	769	901	12.77	\$60.24*
Quadro K6000	8070	139	8.15	\$990.00
Quadro K610M	729	946	3.04	\$240.00
Quadro K620	2266	417	1.12	\$2,029.99
Quadro K620M	1158	670	NA	NA
Quadro M1000M	3018	337	35.11	\$85.99*
Quadro M1200	3529	295	NA	NA
Quadro M2000	3988	266	11.76	\$330.00


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M1000M	5522	202	34.55	\$159.95
Quadro M4000	6606	174	8.42	\$785.00
Quadro M4000M	6649	173	15.83	\$420.00
Quadro M5000	9444	110	11.11	\$850.00
Quadro M5000M	6881	165	13.76	\$499.95*
Quadro M500M	1112	684	NA	NA
Quadro M520	2048	446	NA	NA
Quadro M5500	7915	144	NA	NA
Quadro M6000	11272	87	7.07	\$1,595.00
Quadro M6000 24GB	12843	64	NA	NA
Quadro M600M	2142	432	53.57	\$39.99*
Quadro M620	2798	354	NA	NA
Quadro NVS 110M	47	1859	NA	NA
Quadro NVS 120M	46	1861	NA	NA
Quadro NVS 130M	97	1688	NA	NA
Quadro NVS 135M	66	1798	NA	NA
Quadro NVS 140M	69	1786	NA	NA
Quadro NVS 150M	92	1707	NA	NA
Quadro NVS 160M	76	1755	NA	NA
Quadro NVS 210S	23	1964	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	1975	NA	NA
Quadro NVS 280 PCI	8	2018	0.06	\$130.00*
Quadro NVS 280 SD	2	2151	NA	NA
Quadro NVS 285	35	1908	0.21	\$169.86*
Quadro NVS 285 128MB	38	1894	0.70	\$55.00*
Quadro NVS 290	207	1484	3.51	\$59.00*
Quadro NVS 295	74	1759	1.18	\$63.00*
Quadro NVS 320M	159	1537	NA	NA
Quadro NVS 420	80	1747	0.54	\$150.00*
Quadro NVS 440	37	1897	0.30	\$124.99*
Quadro NVS 450	65	1804	0.41	\$159.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P1000	4401	236	12.36	\$300.47
Quadro P2000	7056	161	10.87	\$649.00
Quadro P2000 with Max-Q Design	4874	221	NA	NA
Quadro P2200	9670	105	22.39	\$431.98
Quadro P3000	6304	178	NA	NA
Quadro P3200	8087	138	NA	NA
Quadro P3200 with Max-Q Design	9193	114	NA	NA
Quadro P400	1645	536	2.49	\$660.00
Quadro P4000	11469	82	10.24	\$1,120.00
Quadro P4000 with Max-Q Design	9082	119	NA	NA
Quadro P4200	11676	78	NA	NA
Quadro P4200 with Max-Q Design	11869	75	NA	NA
Quadro P500	1573	552	NA	NA
Quadro P5000	11699	77	5.26	\$2,223.92
Quadro P520	2160	430	1.44	\$1,499.00*
Quadro P5200	11510	80	NA	NA
Quadro P5200 with Max-Q Design	10905	91	NA	NA
Quadro P600	3390	307	11.34	\$299.00
Quadro P6000	16508	30	5.08	\$3,250.00
Quadro P620	3667	287	17.94	\$204.39
Quadro RTX 3000	11319	86	NA	NA
Quadro RTX 3000 with Max-Q Design	8709	124	NA	NA
Quadro RTX 4000	15401	37	17.13	\$899.00*
Quadro RTX 4000 (Mobile)	13332	62	NA	NA
Quadro RTX 4000 with Max-Q Design	12538	68	NA	NA
Quadro RTX 5000	16455	32	NA	NA
Quadro RTX 5000 (Mobile)	14832	42	NA	NA
Quadro RTX 5000 with Max-Q Design	14307	48	NA	NA
Quadro RTX 6000	19880	11	3.16	\$6,300.00*
Quadro RTX 8000	19606	14	4.14	\$4,741.49*
Quadro T1000	6574	175	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Quadro 12000 with Max-Q Design	6964	102	NA	NA
Quadro2 MXR/EX	4	2083	NA	NA
Quadro2 Pro	1	2167	NA	NA
Quadro4 380 XGL	6	2032	NA	NA
Quadro4 900 XGL	4	2066	NA	NA
Quadro4 980 XGL	5	2064	0.01	\$341.43*
Qualcomm Adreno 540 GPU	117	1623	NA	NA
Qualcomm Adreno 618 GPU	117	1624	NA	NA
Qualcomm Adreno 630 GPU	264	1425	NA	NA
Qualcomm Adreno 680 GPU	347	1349	NA	NA
QXL KMDOD	18	1980	NA	NA
Radeon 2100	59	1818	0.30	\$199.99
Radeon 3000	98	1682	0.31	\$319.00*
Radeon 3100	73	1763	0.25	\$299.99
Radeon 520	847	841	5.30	\$159.99
Radeon 530	936	783	NA	NA
Radeon 535	1116	680	NA	NA
Radeon 535DX	822	859	NA	NA
Radeon 540	1299	620	NA	NA
Radeon 540X	1383	591	NA	NA
Radeon 550X	1412	587	NA	NA
Radeon 620	902	804	NA	NA
Radeon 625	1228	646	NA	NA
Radeon 630	1352	604	NA	NA
Radeon 6600M	563	1128	NA	NA
Radeon 6750M	911	799	NA	NA
Radeon 7000 / Radeon VE	2	2139	NA	NA
RADEON 7000 / RADEON VE Family	3	2103	NA	NA
RADEON 7200	2	2133	0.00	\$599.99*
RADEON 7500	3	2123	0.02	\$177.25
RADEON 7500 Family	4	2074	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
RADEON 9000 Family	3	2113	NA	NA
RADEON 9100 Family	6	2040	NA	NA
RADEON 9100 IGP	5	2057	NA	NA
RADEON 9200	3	2110	0.02	\$153.63
RADEON 9200 LE Family	2	2143	NA	NA
RADEON 9200 PRO Family	2	2134	NA	NA
RADEON 9200 SE	2	2146	NA	NA
RADEON 9250	2	2144	0.01	\$189.00
RADEON 9500	36	1901	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	1876	NA	NA
RADEON 9550	34	1912	1.09	\$31.88*
Radeon 9550 / X1050	29	1940	NA	NA
RADEON 9600 Family	25	1955	NA	NA
RADEON 9600 PRO	42	1873	NA	NA
RADEON 9600 PRO Family	26	1948	NA	NA
RADEON 9600 TX Family	18	1982	NA	NA
RADEON 9600 XT	35	1909	NA	NA
RADEON 9600SE	27	1945	NA	NA
RADEON 9700 PRO	53	1836	NA	NA
RADEON 9800	57	1828	0.18	\$325.00
RADEON 9800 PRO	59	1819	NA	NA
RADEON 9800 SE	23	1965	NA	NA
RADEON 9800 XT	56	1831	NA	NA
RADEON A9800XT	22	1970	NA	NA
RADEON E2400	51	1843	NA	NA
RADEON E4690	405	1301	NA	NA
Radeon E6460	323	1375	NA	NA
Radeon E6465	164	1534	NA	NA
Radeon E6760	973	753	4.06	\$239.99*
Radeon E8860	1577	549	NA	NA
Radeon F8870PCIe	3368	309	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2400 PCI	14	1995	NA	NA
Radeon HD 2400 Pro	114	1638	NA	NA
Radeon HD 2400 XT	118	1621	NA	NA
Radeon HD 2600 PRO	211	1480	NA	NA
Radeon HD 2600 Pro AGP	110	1652	NA	NA
Radeon HD 2600 XT	282	1413	NA	NA
Radeon HD 2900 GT	292	1405	NA	NA
Radeon HD 2900 PRO	627	1055	NA	NA
Radeon HD 2900 XT	659	1013	NA	NA
Radeon HD 3000	95	1694	NA	NA
Radeon HD 3200	82	1735	NA	NA
Radeon HD 3300	126	1598	NA	NA
Radeon HD 3450	79	1748	0.94	\$84.46
Radeon HD 3470	92	1705	1.54	\$60.38
Radeon HD 3650 AGP	150	1549	0.81	\$185.00
Radeon HD 3670	155	1543	NA	NA
Radeon HD 3850	448	1261	NA	NA
Radeon HD 3850 AGP	432	1282	NA	NA
Radeon HD 3850 X2	822	860	NA	NA
Radeon HD 3870	575	1118	7.20	\$79.99
Radeon HD 3870 X2	708	967	NA	NA
Radeon HD 4200	111	1649	NA	NA
Radeon HD 4250	122	1610	NA	NA
Radeon HD 4270	109	1653	NA	NA
Radeon HD 4290	140	1564	NA	NA
Radeon HD 4300/4500 Serisi	155	1542	NA	NA
Radeon HD 4330	109	1656	NA	NA
Radeon HD 4350	101	1678	0.60	\$170.14
Radeon HD 4550	235	1452	1.86	\$126.99*
Radeon HD 4650	217	1466	1.50	\$145.00
Radeon HD 4650 AGP	207	1483	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 4810	709	902	NA	NA
Radeon HD 4830	873	822	14.56	\$59.99*
Radeon HD 4850	952	769	22.36	\$42.62*
Radeon HD 4850 X2	1132	675	NA	NA
Radeon HD 4870	1360	600	18.15	\$74.99
Radeon HD 4870 X2	1309	615	NA	NA
Radeon HD 4890	1524	565	16.94	\$89.99
Radeon HD 5450	140	1565	2.03	\$69.29
Radeon HD 5470	268	1422	NA	NA
Radeon HD 5550	383	1319	6.98	\$54.99*
Radeon HD 5570	474	1229	2.74	\$173.24
Radeon HD 5600/5700	660	1011	NA	NA
Radeon HD 5670	776	894	11.95	\$64.99
Radeon HD 5750	1164	666	14.56	\$79.99*
Radeon HD 5770	1348	605	5.01	\$269.00
Radeon HD 5830	1758	520	19.54	\$89.99
Radeon HD 5850	1957	469	24.47	\$79.99*
Radeon HD 5870	2259	418	18.83	\$119.99
Radeon HD 5970	2219	421	4.23	\$525.00
Radeon HD 6230	179	1520	NA	NA
Radeon HD 6250	96	1690	NA	NA
Radeon HD 6290	112	1641	NA	NA
Radeon HD 6290M	140	1567	NA	NA
Radeon HD 6300M	147	1555	NA	NA
Radeon HD 6310	123	1606	NA	NA
Radeon HD 6320	148	1552	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1469	NA	NA
Radeon HD 6320M	198	1498	NA	NA
RADEON HD 6350	140	1563	3.92	\$35.95*
Radeon HD 6370D	269	1421	NA	NA
Radeon HD 6370M	275	1415	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6430M	192	1307	NA	NA
Radeon HD 6450	199	1496	2.96	\$67.39
Radeon HD 6450 + 8470D Dual	762	912	NA	NA
Radeon HD 6450A	260	1427	NA	NA
Radeon HD 6470M	223	1459	0.39	\$569.99*
Radeon HD 6480G	269	1419	NA	NA
Radeon HD 6480M	353	1344	NA	NA
Radeon HD 6490M	377	1323	0.32	\$1,193.03*
Radeon HD 6520G	305	1390	NA	NA
Radeon HD 6530D	315	1384	NA	NA
Radeon HD 6550A	707	968	NA	NA
Radeon HD 6550D	411	1296	NA	NA
Radeon HD 6570	501	1204	4.76	\$105.35
Radeon HD 6610M	565	1126	NA	NA
Radeon HD 6620G	371	1332	NA	NA
Radeon HD 6630M	684	992	NA	NA
Radeon HD 6650A	835	848	NA	NA
Radeon HD 6650M	740	939	NA	NA
Radeon HD 6670	723	953	5.17	\$139.96
Radeon HD 6670 + 6670 Dual	646	1029	NA	NA
Radeon HD 6670 + 7660D Dual	1492	570	NA	NA
Radeon HD 6670/7670	945	775	NA	NA
Radeon HD 6700M	1016	728	NA	NA
Radeon HD 6750	1002	737	4.27	\$235.00
Radeon HD 6750M	937	782	NA	NA
Radeon HD 6770	1252	634	12.53	\$99.99
Radeon HD 6770M	964	760	NA	NA
Radeon HD 6790	1571	553	5.44	\$289.00
Radeon HD 6800M	727	950	NA	NA
Radeon HD 6850	1984	460	16.83	\$117.90
Radeon HD 6850 X2	2534	385	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 6950	2680	303	12.63	\$206.98
Radeon HD 6970	2879	347	18.11	\$158.96
Radeon HD 6970M	2270	415	10.51	\$215.99*
Radeon HD 6990	2932	343	18.33	\$159.99*
Radeon HD 7290	115	1635	NA	NA
Radeon HD 7290M	123	1608	NA	NA
Radeon HD 7310	131	1587	NA	NA
Radeon HD 7310 - Carte graphique	174	1526	NA	NA
Radeon HD 7310G	180	1516	NA	NA
Radeon HD 7310M	166	1532	NA	NA
Radeon HD 7340	158	1538	0.29	\$552.69*
Radeon HD 7340G	196	1503	NA	NA
Radeon HD 7340M	221	1460	NA	NA
Radeon HD 7350	215	1470	NA	NA
Radeon HD 7400G	300	1396	NA	NA
Radeon HD 7420G	307	1387	NA	NA
Radeon HD 7450	231	1454	4.64	\$49.99*
Radeon HD 7450A	288	1410	NA	NA
Radeon HD 7450M	329	1367	NA	NA
Radeon HD 7470	325	1371	17.36	\$18.76*
Radeon HD 7470M	407	1298	NA	NA
Radeon HD 7480D	290	1407	NA	NA
Radeon HD 7500G	330	1365	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1071	NA	NA
Radeon HD 7500G + 7550M Dual	497	1207	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1342	NA	NA
Radeon HD 7520G	315	1382	NA	NA
Radeon HD 7520G + 7400M Dual	486	1220	NA	NA
Radeon HD 7520G + 7470M Dual	542	1160	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1108	NA	NA
Radeon HD 7520G + 7600M Dual	591	1096	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Radeon HD 7520G + 7670M Dual</u>	523	1162	NA	NA
<u>Radeon HD 7520G + 7700M Dual</u>	1060	704	NA	NA
<u>Radeon HD 7520G + 8600/8700M Dual</u>	311	1385	NA	NA
<u>Radeon HD 7520G + 8750M Dual</u>	376	1324	NA	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1157	NA	NA
<u>Radeon HD 7520G + HD 7500/7600 Dual</u>	832	850	NA	NA
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1262	NA	NA
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1210	NA	NA
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1119	NA	NA
<u>Radeon HD 7520G + HD 8600/8700M Dual</u>	623	1061	NA	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	1024	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1121	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</u>	364	1338	NA	NA
<u>Radeon HD 7540D</u>	333	1361	NA	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	961	NA	NA
<u>Radeon HD 7540D + 7500 Dual</u>	821	861	NA	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	1032	NA	NA
<u>Radeon HD 7550M</u>	464	1240	NA	NA
<u>Radeon HD 7550M/7650M</u>	728	947	NA	NA
<u>Radeon HD 7560D</u>	474	1226	NA	NA
<u>Radeon HD 7560D + 6450 Dual</u>	568	1124	NA	NA
<u>Radeon HD 7560D + 6570 Dual</u>	833	849	NA	NA
<u>Radeon HD 7560D + 6670 Dual</u>	1130	676	NA	NA
<u>Radeon HD 7560D + 7560D Dual</u>	982	748	NA	NA
<u>Radeon HD 7560D + 7570 Dual</u>	985	746	NA	NA
<u>Radeon HD 7560D + 7670 Dual</u>	1426	584	NA	NA
<u>Radeon HD 7560D + 7700 Dual</u>	1919	481	NA	NA
<u>Radeon HD 7560D + HD 6570 Dual</u>	1237	642	NA	NA
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	556	NA	NA
<u>Radeon HD 7560D + HD 7000 Dual</u>	534	1166	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 7560D + HD 7700 Dual	1340	606	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	784	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1129	NA	NA
Radeon HD 7570	626	1060	6.59	\$95.00*
Radeon HD 7570M	443	1269	NA	NA
Radeon HD 7570M/HD 7670M	699	979	NA	NA
Radeon HD 7580D	350	1346	NA	NA
Radeon HD 7600G	325	1372	NA	NA
Radeon HD 7600G + 6400M Dual	376	1325	NA	NA
Radeon HD 7600G + 7450M Dual	389	1312	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1300	NA	NA
Radeon HD 7600G + 7550M Dual	423	1288	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	469	1233	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1368	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	555	1140	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1197	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1158	NA	NA
Radeon HD 7600G + HD Dual	435	1278	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1176	NA	NA
Radeon HD 7600M + 7600M Dual	773	897	NA	NA
Radeon HD 7610M	632	1048	NA	NA
Radeon HD 7620G	345	1351	NA	NA
Radeon HD 7620G + 8600M Dual	508	1198	NA	NA
Radeon HD 7620G + 8670M Dual	577	1115	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1272	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1200	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1259	NA	NA
Radeon HD 7640G	458	1249	NA	NA
Radeon HD 7640G + 6400M Dual	526	1175	NA	NA
Radeon HD 7640G + 7400M Dual	637	1039	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	1056	NA	NA
<u>Radeon HD 7640G + 7500M/7600M Dual</u>	775	895	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	971	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1195	NA	NA
<u>Radeon HD 7640G + 7650M Dual</u>	747	927	NA	NA
<u>Radeon HD 7640G + 7670M Dual</u>	644	1031	NA	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	776	NA	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	985	NA	NA
<u>Radeon HD 7640G + 8500M Dual</u>	585	1104	NA	NA
<u>Radeon HD 7640G + 8570M Dual</u>	558	1136	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	988	NA	NA
<u>Radeon HD 7640G + 8600M Dual</u>	249	1438	NA	NA
<u>Radeon HD 7640G + 8670M Dual</u>	558	1135	NA	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	1017	NA	NA
<u>Radeon HD 7640G + HD 7400M Dual</u>	621	1062	NA	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1287	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	974	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1299	NA	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1185	NA	NA
<u>Radeon HD 7640G + HD 7700M Dual</u>	589	1097	NA	NA
<u>Radeon HD 7640G + HD 7700M N HD 7700M Dual</u>	630	1049	NA	NA
<u>Radeon HD 7640G + HD 8500M Dual</u>	607	1080	NA	NA
<u>Radeon HD 7640G + HD 8500M N HD 8500M Dual</u>	665	1007	NA	NA
<u>Radeon HD 7640G + HD 8570M Dual</u>	474	1228	NA	NA
<u>Radeon HD 7640G + HD 8600/8700M Dual</u>	586	1103	NA	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1000	NA	NA
<u>Radeon HD 7640G + HD 8750M Dual</u>	996	743	NA	NA
<u>Radeon HD 7640G + R5 M200 Dual</u>	559	1132	NA	NA
<u>Radeon HD 7640G + R5 M230 Dual</u>	238	-1	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D</u>	824	858	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 7650A	559	1133	£.14	\$202.00
Radeon HD 7650M	460	1248	NA	NA
Radeon HD 7660D	517	1186	NA	NA
Radeon HD 7660D + 6570 Dual	1100	688	NA	NA
Radeon HD 7660D + 6670 Dual	1238	640	NA	NA
Radeon HD 7660D + 7470 Dual	465	1239	NA	NA
Radeon HD 7660D + 7500 Dual	1121	679	NA	NA
Radeon HD 7660D + 7540D Dual	1204	657	NA	NA
Radeon HD 7660D + 7670 Dual	1061	703	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	571	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1047	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1356	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	468	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1180	NA	NA
Radeon HD 7660D + R7 240 Dual	941	779	NA	NA
Radeon HD 7660G	469	1234	NA	NA
Radeon HD 7660G + 7400M Dual	588	1101	NA	NA
Radeon HD 7660G + 7470M Dual	630	1050	NA	NA
Radeon HD 7660G + 7600M Dual	831	852	NA	NA
Radeon HD 7660G + 7610M Dual	745	932	NA	NA
Radeon HD 7660G + 7670M Dual	743	935	NA	NA
Radeon HD 7660G + 7700M Dual	757	918	NA	NA
Radeon HD 7660G + 7730M Dual	931	785	NA	NA
Radeon HD 7660G + 8600M Dual	445	1264	NA	NA
Radeon HD 7660G + 8670M Dual	587	1102	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	739	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	914	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	741	NA	NA
Radeon HD 7660G + HD 7600M Dual	659	1014	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1247	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	970	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 + HD 8600M Dual	758	915	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	928	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1339	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	966	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	954	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	972	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	758	NA	NA
Radeon HD 7670	816	865	NA	NA
Radeon HD 7670A	1050	708	NA	NA
Radeon HD 7670M	446	1263	0.71	\$629.99*
Radeon HD 7670M + 7670M Dual	738	942	NA	NA
Radeon HD 7690M	1003	736	NA	NA
Radeon HD 7690M XT	1009	732	NA	NA
Radeon HD 7700-serie	1899	484	NA	NA
Radeon HD 7730	1219	651	24.40	\$49.99*
Radeon HD 7730M	652	1023	NA	NA
Radeon HD 7750	1661	533	7.38	\$225.00
Radeon HD 7750M	1191	659	NA	NA
Radeon HD 7770	2180	428	18.17	\$119.99
Radeon HD 7790	3090	332	22.07	\$139.99
Radeon HD 7800-serie	4029	263	NA	NA
Radeon HD 7850	3756	283	23.48	\$159.99
Radeon HD 7850M	1372	595	NA	NA
Radeon HD 7870	4676	232	9.37	\$499.00
Radeon HD 7870 XT	4469	236	NA	NA
Radeon HD 7870M	1507	566	NA	NA
Radeon HD 7950 / R9 280	4764	226	15.88	\$299.95
Radeon HD 7970 / R9 280X	5247	208	15.04	\$349.00
Radeon HD 7970M	3619	289	NA	NA
Radeon HD 7990	5565	198	5.62	\$990.44*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8210E	193	1306	NA	NA
Radeon HD 8240	249	1437	NA	NA
Radeon HD 8250	203	1489	NA	NA
Radeon HD 8280	319	1378	NA	NA
Radeon HD 8280E	260	1428	NA	NA
Radeon HD 8280G	269	1420	NA	NA
Radeon HD 8310E	340	1355	NA	NA
Radeon HD 8330	251	1435	NA	NA
Radeon HD 8330E	240	1446	NA	NA
Radeon HD 8350	170	1529	2.58	\$65.99*
Radeon HD 8350G	443	1270	NA	NA
Radeon HD 8370D	292	1404	NA	NA
Radeon HD 8400	253	1433	NA	NA
Radeon HD 8400E	339	1357	NA	NA
Radeon HD 8410G	435	1279	NA	NA
Radeon HD 8450G	384	1318	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	698	NA	NA
Radeon HD 8450G + 8600M Dual	545	1155	NA	NA
Radeon HD 8450G + 8670M Dual	474	1227	NA	NA
Radeon HD 8450G + 8750M Dual	637	1040	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1257	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1122	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1203	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1112	NA	NA
Radeon HD 8470	258	1429	NA	NA
Radeon HD 8470D	354	1343	NA	NA
Radeon HD 8470D + 6450 Dual	717	963	NA	NA
Radeon HD 8470D + 6570 Dual	837	845	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	830	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	582	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	558	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550M/8700M	852	838	NA	NA
Radeon HD 8510G	371	1331	NA	NA
Radeon HD 8510G + 8500M Dual	596	1090	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1053	NA	NA
Radeon HD 8550D	685	991	NA	NA
Radeon HD 8550G	413	1295	NA	NA
Radeon HD 8550G + 7600M Dual	901	805	NA	NA
Radeon HD 8550G + 8500M Dual	602	1087	NA	NA
Radeon HD 8550G + 8570M Dual	532	1169	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	873	NA	NA
Radeon HD 8550G + 8600M Dual	617	1070	NA	NA
Radeon HD 8550G + 8670M Dual	579	1111	NA	NA
Radeon HD 8550G + 8690M Dual	664	1009	NA	NA
Radeon HD 8550G + 8750M Dual	795	879	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	834	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1134	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1173	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1018	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1095	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1153	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	864	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1067	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1217	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1075	NA	NA
Radeon HD 8570	965	759	9.78	\$98.68*
Radeon HD 8570 + 8670D Dual	620	1065	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	772	NA	NA
Radeon HD 8570D	442	1271	NA	NA
Radeon HD 8570D + 6570 Dual	1239	639	NA	NA
Radeon HD 8570D + 6670 Dual	1039	717	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Radeon HD 8570D + HD 7000 Dual</u>	153	923	NA	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	496	NA	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1358	NA	NA
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	720	NA	NA
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1330	NA	NA
<u>Radeon HD 8570D + R5 235 Dual</u>	470	1232	NA	NA
<u>Radeon HD 8570D + R7 200 Dual</u>	999	740	NA	NA
<u>Radeon HD 8570D + R7 240 Dual</u>	963	761	NA	NA
<u>Radeon HD 8570M</u>	429	1284	NA	NA
<u>Radeon HD 8600/8700M</u>	1029	721	NA	NA
<u>Radeon HD 8610G</u>	414	1293	NA	NA
<u>Radeon HD 8610G + 8500M Dual</u>	610	1078	NA	NA
<u>Radeon HD 8610G + 8600M Dual</u>	588	1098	NA	NA
<u>Radeon HD 8610G + 8670M Dual</u>	599	1088	NA	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	1030	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1223	NA	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1114	NA	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1001	NA	NA
<u>Radeon HD 8650D</u>	525	1177	NA	NA
<u>Radeon HD 8650G</u>	509	1196	NA	NA
<u>Radeon HD 8650G + 7600M Dual</u>	741	937	NA	NA
<u>Radeon HD 8650G + 7670M Dual</u>	883	815	NA	NA
<u>Radeon HD 8650G + 7700M Dual</u>	1126	678	NA	NA
<u>Radeon HD 8650G + 8500M Dual</u>	626	1058	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1020	NA	NA
<u>Radeon HD 8650G + 8600/8700M Dual</u>	831	851	NA	NA
<u>Radeon HD 8650G + 8600M Dual</u>	613	1074	NA	NA
<u>Radeon HD 8650G + 8670M Dual</u>	635	1043	NA	NA
<u>Radeon HD 8650G + 8750M Dual</u>	786	883	NA	NA
<u>Radeon HD 8650G + HD 7600M Dual</u>	819	863	NA	NA
<u>Radeon HD 8650G + HD 7670M Dual</u>	634	1046	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + HD 8600M Dual	606	1065	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	917	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1106	NA	NA
Radeon HD 8650G + HD 8750M Dual	778	891	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	876	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	955	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	990	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	898	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	878	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	997	NA	NA
Radeon HD 8670D	527	1174	NA	NA
Radeon HD 8670D + 6670 Dual	1361	599	NA	NA
Radeon HD 8670D + 7000 Dual	811	867	NA	NA
Radeon HD 8670D + 7700 Dual	1788	512	NA	NA
Radeon HD 8670D + 8570 Dual	974	752	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	648	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	962	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	610	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	485	NA	NA
Radeon HD 8670D + R5 235 Dual	836	846	NA	NA
Radeon HD 8670D + R5 330 Dual	746	930	NA	NA
Radeon HD 8670D + R7 200 Dual	949	771	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	726	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1215	NA	NA
Radeon HD 8670M	520	1184	NA	NA
Radeon HD 8690A	468	1235	NA	NA
Radeon HD 8690M	984	747	NA	NA
Radeon HD 8730M	653	1022	NA	NA
Radeon HD 8750M	888	813	NA	NA
Radeon HD 8790M	1305	618	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8850M / R9 M465X	1139	613	NA	NA
Radeon HD 8870M	1638	537	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	508	NA	NA
Radeon HD 8950	2348	404	NA	NA
Radeon HD 8970M	3876	276	27.69	\$139.99*
Radeon HD 8990	5214	210	NA	NA
Radeon HD HD7850M	1651	535	NA	NA
Radeon HD4650	239	1447	NA	NA
Radeon HD4670	365	1336	NA	NA
RADEON HD6370D	320	1376	NA	NA
RADEON HD6410D	422	1289	NA	NA
RADEON HD6530D	531	1172	NA	NA
RADEON HD7450	199	1497	8.95	\$22.25*
Radeon HD8530M	490	1214	NA	NA
Radeon HD8970M	3368	308	NA	NA
Radeon HDG 4670	170	1528	NA	NA
RADEON IGP 320	3	2105	NA	NA
Radeon IGP 320M	3	2112	NA	NA
Radeon IGP 340M	2	2150	NA	NA
RADEON IGP 345M	2	2138	NA	NA
RADEON IGP 34xM	1	2161	NA	NA
RADEON IGP 350M	6	2042	NA	NA
Radeon Infoshock 3000	106	1661	NA	NA
Radeon Instinct MI25 MxGPU	10466	93	NA	NA
Radeon M535DX	749	926	NA	NA
Radeon Pro 450	2722	360	NA	NA
Radeon Pro 455	3112	328	6.93	\$449.00*
Radeon Pro 460	3452	302	NA	NA
Radeon Pro 465	4537	234	NA	NA
Radeon Pro 5300	7520	155	NA	NA
Radeon Pro 5300M	5634	196	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 555	3140	320	2.99	\$1,049.00
Radeon Pro 560	3475	300	NA	NA
Radeon Pro 5600M	9911	99	NA	NA
Radeon Pro 560X	3677	286	NA	NA
Radeon Pro 570	6336	177	NA	NA
Radeon Pro 5700	11844	76	NA	NA
Radeon Pro 5700 XT	11973	73	NA	NA
Radeon Pro 580	7753	148	NA	NA
Radeon Pro 580X	7540	154	NA	NA
Radeon Pro Duo	9273	112	6.02	\$1,539.99
Radeon Pro SSG	10497	92	NA	NA
Radeon Pro V340 MxGPU	2853	350	NA	NA
Radeon Pro V520 MxGPU	12718	66	NA	NA
Radeon Pro Vega 16	4682	231	NA	NA
Radeon Pro Vega 20	5942	189	NA	NA
Radeon Pro Vega 48	11351	85	NA	NA
Radeon Pro Vega 56	12209	72	NA	NA
Radeon Pro Vega 64	11455	83	NA	NA
Radeon Pro Vega II	14737	43	NA	NA
Radeon Pro VII	17404	24	NA	NA
Radeon Pro W5500	9302	111	20.63	\$450.99
Radeon Pro W5500M	2821	352	NA	NA
Radeon Pro W5700	15040	41	11.64	\$1,292.60
Radeon Pro WX 2100	1718	523	NA	NA
Radeon Pro WX 3100	2617	375	NA	NA
Radeon Pro WX 3200	2562	382	6.44	\$397.99
Radeon Pro WX 4100	3805	281	13.84	\$274.99
Radeon Pro WX 4130	1955	471	NA	NA
Radeon Pro WX 4150	1805	505	NA	NA
Radeon Pro WX 4170	1409	588	NA	NA
Radeon Pro WX 5100	5514	203	13.37	\$412.61


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon Pro WX 8200	13893	52	0.90	\$1,049.99
Radeon Pro WX 9100	13567	60	NA	NA
Radeon Pro WX Vega M GL	6049	185	NA	NA
Radeon R1E	301	1394	NA	NA
Radeon R2	236	1449	NA	NA
Radeon R2E	228	1455	NA	NA
Radeon R3	305	1389	NA	NA
Radeon R3E	247	1439	NA	NA
Radeon R4	335	1360	0.84	\$396.99*
Radeon R4E	487	1218	NA	NA
Radeon R5 220	134	1578	1.58	\$85.26*
Radeon R5 230	242	1445	2.99	\$81.10
Radeon R5 235	302	1392	5.02	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	934	NA	NA
Radeon R5 235 + HD 8570D Dual	737	943	NA	NA
Radeon R5 235X	316	1381	NA	NA
Radeon R5 240	514	1190	6.05	\$85.00*
Radeon R5 310	331	1364	0.66	\$499.00*
Radeon R5 330	577	1113	1.70	\$339.99*
Radeon R5 340	1002	738	NA	NA
Radeon R5 420	574	1120	14.39	\$39.95*
Radeon R5 430	918	793	15.56	\$59.00*
Radeon R5 435	840	843	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1068	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	704	973	NA	NA
Radeon R5 A10-9620P 4C+6G	731	945	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	608	1079	NA	NA
Radeon R5 A10-9630P 4C+6G	977	750	NA	NA
Radeon R5 A240	576	1117	NA	NA
Radeon R5 A6-7480	753	922	NA	NA

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

<u>Radeon R5 A6-9500 2C+6G</u>	853	836	NA	NA
<u>Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</u>	786	884	NA	NA
<u>Radeon R5 A6-9500E 2C+4G</u>	1014	729	NA	NA
<u>Radeon R5 M230</u>	389	1314	NA	NA
<u>Radeon R5 M240</u>	432	1281	NA	NA
<u>Radeon R5 M255</u>	532	1168	NA	NA
<u>Radeon R5 M315</u>	461	1245	NA	NA
<u>Radeon R5 M320</u>	393	1310	NA	NA
<u>Radeon R5 M330</u>	595	1091	NA	NA
<u>Radeon R5 M335</u>	548	1150	NA	NA
<u>Radeon R5 M420</u>	483	1222	NA	NA
<u>Radeon R5 M430</u>	648	1027	NA	NA
<u>Radeon R5 M435</u>	766	906	NA	NA
<u>Radeon R5 Opteron X3216</u>	436	1277	NA	NA
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	695	982	NA	NA
<u>Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</u>	588	1099	NA	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1199	NA	NA
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	987	NA	NA
<u>Radeon R5 PRO A6-8570 2C+6G</u>	847	842	NA	NA
<u>Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G</u>	1225	-1	NA	NA
<u>Radeon R5 PRO A6-8570E 2C+4G</u>	637	1038	NA	NA
<u>Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G</u>	866	829	NA	NA
<u>Radeon R5 PRO A6-9500 2C+6G</u>	1096	690	NA	NA
<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	983	NA	NA
<u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u>	506	-1	NA	NA
<u>Radeon R5 PRO A6-9500E 2C+4G</u>	770	900	NA	NA
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	658	1015	NA	NA
<u>Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES</u>	787	882	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon R6 + R7 M2050A Dual	570	1123	NA	NA
Radeon R6 A10-8700P	491	1213	NA	NA
Radeon R6 A10-9600P 4C+6G	970	755	NA	NA
Radeon R6 A8-8600P	560	1131	NA	NA
Radeon R6 M255DX	532	1170	NA	NA
Radeon R6 Opteron X3418	955	767	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1165	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	539	1163	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1171	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	524	1179	NA	NA
Radeon R7 + HD 7700 Dual	1962	466	NA	NA
Radeon R7 + R5 330 Dual	1028	724	NA	NA
Radeon R7 + R5 340 Dual	1234	643	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	814	NA	NA
Radeon R7 + R5 Dual	897	809	NA	NA
Radeon R7 + R7 200 Dual	1136	674	NA	NA
Radeon R7 + R7 240 Dual	1045	713	NA	NA
Radeon R7 + R7 250 Dual	1232	644	NA	NA
Radeon R7 + R7 350 Dual	1982	461	NA	NA
Radeon R7 +8G	1190	660	NA	NA
Radeon R7 240	848	840	2.88	\$294.99
Radeon R7 240 + HD 8570D Dual	917	794	NA	NA
Radeon R7 240 + HD 8670D Dual	930	787	NA	NA
Radeon R7 250	1219	650	10.17	\$119.99
Radeon R7 250X	2268	416	12.00	\$189.00
Radeon R7 260	2891	345	32.13	\$89.99*
Radeon R7 260X	3139	326	22.43	\$139.99*
Radeon R7 340	930	786	NA	NA
Radeon R7 360	3096	330	24.77	\$125.00*
Radeon R7 370	4457	240	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Radeon R7 1800A10-1800A</u>	551	1140	NA	NA
<u>Radeon R7 A10 Extreme Edition</u>	816	866	NA	NA
<u>Radeon R7 A10 PRO-7800B</u>	756	919	NA	NA
<u>Radeon R7 A10 PRO-7850B</u>	958	764	NA	NA
<u>Radeon R7 A10-7700K</u>	683	994	NA	NA
<u>Radeon R7 A10-7800</u>	739	940	NA	NA
<u>Radeon R7 A10-7850K</u>	968	757	NA	NA
<u>Radeon R7 A10-7860K</u>	890	811	NA	NA
<u>Radeon R7 A10-7870K</u>	1605	543	NA	NA
<u>Radeon R7 A10-7890K</u>	767	905	NA	NA
<u>Radeon R7 A10-8750</u>	883	816	NA	NA
<u>Radeon R7 A10-8850</u>	1114	683	NA	NA
<u>Radeon R7 A10-9700 RADEON</u>	1007	733	NA	NA
<u>Radeon R7 A10-9700E RADEON</u>	1100	687	NA	NA
<u>Radeon R7 A12-9700P RADEON</u>	684	993	<u>1.57</u>	<u>\$435.92*</u>
<u>Radeon R7 A12-9720P RADEON</u>	764	909	<u>2.09</u>	<u>\$365.48*</u>
<u>Radeon R7 A12-9730P RADEON</u>	1047	712	NA	NA
<u>Radeon R7 A12-9800 RADEON</u>	993	744	NA	NA
<u>Radeon R7 A12-9800E RADEON</u>	1037	719	<u>7.45</u>	<u>\$139.19*</u>
<u>Radeon R7 A265</u>	954	768	NA	NA
<u>Radeon R7 A360</u>	721	956	NA	NA
<u>Radeon R7 A365</u>	781	887	NA	NA
<u>Radeon R7 A370</u>	1281	623	NA	NA
<u>Radeon R7 A8 PRO-7600B</u>	642	1033	NA	NA
<u>Radeon R7 A8-7500</u>	947	773	NA	NA
<u>Radeon R7 A8-7500 4C+6G</u>	853	837	NA	NA
<u>Radeon R7 A8-7600</u>	745	933	NA	NA
<u>Radeon R7 A8-7650K</u>	613	1073	NA	NA
<u>Radeon R7 A8-7670K</u>	918	792	NA	NA
<u>Radeon R7 A8-7680</u>	702	976	NA	NA
<u>Radeon R7 A8-8650</u>	912	796	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 FX-9800P RADEON	697	961	1.32	\$530.00
Radeon R7 FX-9830P RADEON	1009	731	NA	NA
Radeon R7 G	869	824	NA	NA
Radeon R7 M260	449	1260	0.56	\$799.00*
Radeon R7 M260DX	810	869	NA	NA
Radeon R7 M260X	938	781	NA	NA
Radeon R7 M265	606	1082	NA	NA
Radeon R7 M265DX	539	1162	NA	NA
Radeon R7 M270	745	931	NA	NA
Radeon R7 M270DX	961	-1	NA	NA
Radeon R7 M340	639	1035	NA	NA
Radeon R7 M350	1064	701	NA	NA
Radeon R7 M360	557	1138	NA	NA
Radeon R7 M365X	951	770	NA	NA
Radeon R7 M370	1417	586	NA	NA
Radeon R7 M380	1446	579	NA	NA
Radeon R7 M440	870	823	NA	NA
Radeon R7 M445	909	800	1.22	\$744.00*
Radeon R7 M460	1029	722	NA	NA
Radeon R7 M465	1306	616	NA	NA
Radeon R7 M465X	1690	527	NA	NA
Radeon R7 Opteron X3421	1043	714	NA	NA
Radeon R7 PRO A10-8750B	787	881	NA	NA
Radeon R7 PRO A10-8770	959	762	NA	NA
Radeon R7 PRO A10-8770E	828	854	NA	NA
Radeon R7 PRO A10-8850B	945	777	NA	NA
Radeon R7 PRO A10-9700	824	857	NA	NA
Radeon R7 PRO A10-9700B	757	916	NA	NA
Radeon R7 PRO A10-9700E	761	913	1.44	\$529.00*
Radeon R7 PRO A12-8800B	719	960	NA	NA
Radeon R7 PRO A12-8830B	882	817	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 A12-980U	1009	699	NA	NA
Radeon R7 PRO A12-9800B	779	890	NA	NA
Radeon R7 PRO A12-9800E	956	766	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	886	NA	NA
Radeon R7 PRO A8-8650B	692	984	NA	NA
Radeon R7 PRO A8-8670E	1309	614	NA	NA
Radeon R7 PRO A8-9600	1049	711	NA	NA
Radeon R7E	690	986	NA	NA
Radeon R8 M365DX	740	938	NA	NA
Radeon R8 M445DX	807	872	NA	NA
Radeon R8 M535DX	698	980	NA	NA
Radeon R9 255	1251	635	3.64	\$344.16*
Radeon R9 260	3018	338	NA	NA
Radeon R9 270	3769	282	NA	NA
Radeon R9 270 / R7 370	4259	253	10.68	\$399.00
Radeon R9 270X	4866	222	14.75	\$330.00
Radeon R9 280	5562	199	NA	NA
Radeon R9 280X	6222	182	NA	NA
Radeon R9 285	6680	171	NA	NA
Radeon R9 285 / 380	5549	200	12.33	\$449.99*
Radeon R9 290	8412	131	NA	NA
Radeon R9 290 / 390	8150	137	23.29	\$349.96
Radeon R9 290X	8813	122	NA	NA
Radeon R9 290X / 390X	8389	132	14.49	\$579.00
Radeon R9 295X2	8380	133	16.79	\$499.10*
Radeon R9 350	1963	465	6.57	\$299.00
Radeon R9 360	3031	335	5.84	\$519.00*
Radeon R9 370	4722	229	11.82	\$399.54
Radeon R9 380	6209	183	69.00	\$89.99*
Radeon R9 380X	6062	184	7.36	\$823.24
Radeon R9 390	8924	120	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 Fury	9680	104	11.65	\$443.10
Radeon R9 Fury + Fury X	9741	102	26.04	\$374.10*
Radeon R9 Fury X	10030	97	NA	NA
Radeon R9 M265X	958	763	NA	NA
Radeon R9 M270X	1444	580	NA	NA
Radeon R9 M275	1114	682	1.59	\$699.99*
Radeon R9 M275X	1801	507	NA	NA
Radeon R9 M275X / M375	1574	550	NA	NA
Radeon R9 M280X	922	790	NA	NA
Radeon R9 M290X	3350	314	NA	NA
Radeon R9 M295X	5150	214	3.55	\$1,449.00
Radeon R9 M360	1770	516	NA	NA
Radeon R9 M365X	1481	574	NA	NA
Radeon R9 M370X	1373	594	1.54	\$889.00
Radeon R9 M375	820	862	NA	NA
Radeon R9 M375X	1782	515	NA	NA
Radeon R9 M380	3031	336	NA	NA
Radeon R9 M385	2230	419	NA	NA
Radeon R9 M385X	1929	478	NA	NA
Radeon R9 M390X	4356	244	NA	NA
Radeon R9 M395	5023	216	NA	NA
Radeon R9 M395X	4775	225	NA	NA
Radeon R9 M470	2435	393	NA	NA
Radeon R9 M470X	3400	306	NA	NA
Radeon R9 M485X	4842	223	NA	NA
Radeon RX 460	4115	259	10.04	\$410.00
Radeon RX 470/570	8004	140	17.44	\$459.00*
Radeon RX 480	8636	126	13.29	\$649.99
Radeon RX 5300M	3951	270	NA	NA
Radeon RX 540	1843	493	NA	NA
Radeon RX 550	2764	356	17.28	\$150.00

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5500M	3917	213	NA	NA
Radeon RX 550X	2160	431	NA	NA
Radeon RX 560	3632	288	15.79	\$229.99
Radeon RX 5600	11489	81	NA	NA
Radeon RX 5600 XT	13743	57	50.91	\$269.99
Radeon RX 5600M	7558	153	NA	NA
Radeon RX 560X	4123	258	NA	NA
Radeon RX 570	6967	164	35.73	\$194.99
Radeon RX 5700	14635	45	47.21	\$309.99
Radeon RX 5700 XT	16826	27	46.74	\$359.99
Radeon RX 5700 XT 50th Anniversary	16744	28	NA	NA
Radeon RX 570X	1923	480	NA	NA
Radeon RX 580	8845	121	12.86	\$688.00
Radeon RX 580 2048SP	7829	145	NA	NA
Radeon RX 580X	7798	146	NA	NA
Radeon RX 590	9613	107	60.09	\$159.99
Radeon RX 640	1371	596	NA	NA
Radeon RX 6700 XT	18727	17	14.69	\$1,274.99
Radeon RX 6800	20795	9	25.36	\$819.99
Radeon RX 6800 XT	23604	5	12.34	\$1,913.49
Radeon RX 6900 XT	25945	1	10.59	\$2,449.49
Radeon RX Vega 10	1716	525	NA	NA
Radeon RX Vega 11	2142	433	2.14	\$1,002.00
Radeon RX Vega 11 PRD	2401	397	NA	NA
Radeon RX Vega 11 Processor	1717	524	NA	NA
Radeon RX Vega 56	13616	59	14.20	\$959.00
Radeon RX Vega 64	14586	47	37.40	\$389.99*
Radeon RX Vega 8	1586	548	NA	NA
Radeon RX Vega M GH	6791	166	NA	NA
Radeon RX Vega M GL	3344	315	NA	NA
Radeon RX Vega11	1689	529	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Radeon Ryzen 3 4300GE</u>	2449	391	NA	NA
<u>Radeon Ryzen 3 4300U</u>	1217	652	NA	NA
<u>Radeon Ryzen 3 PRO 4350G</u>	2341	406	NA	NA
<u>Radeon Ryzen 3 PRO 4350GE</u>	1316	-1	NA	NA
<u>Radeon Ryzen 3 PRO 4450U</u>	1177	-1	NA	NA
<u>Radeon Ryzen 5 4500U</u>	1815	501	NA	NA
<u>Radeon Ryzen 5 4600G</u>	2052	444	NA	NA
<u>Radeon Ryzen 5 4600H</u>	3534	294	NA	NA
<u>Radeon Ryzen 5 4600HS</u>	7942	143	NA	NA
<u>Radeon Ryzen 5 4600U</u>	1958	467	NA	NA
<u>Radeon Ryzen 5 Microsoft Surface Edition</u>	1972	462	NA	NA
<u>Radeon Ryzen 5 PRO 4650G</u>	2451	390	NA	NA
<u>Radeon Ryzen 5 PRO 4650GE</u>	1759	519	NA	NA
<u>Radeon Ryzen 5 PRO 4650U</u>	1805	506	NA	NA
<u>Radeon Ryzen 7 4700G</u>	2289	413	NA	NA
<u>Radeon Ryzen 7 4700GE</u>	2661	-1	NA	NA
<u>Radeon Ryzen 7 4700U</u>	2095	437	NA	NA
<u>Radeon Ryzen 7 4800H</u>	6701	169	NA	NA
<u>Radeon Ryzen 7 4800HS</u>	9107	118	NA	NA
<u>Radeon Ryzen 7 4800U</u>	2388	400	NA	NA
<u>Radeon Ryzen 7 Microsoft Surface Edition</u>	2468	389	NA	NA
<u>Radeon Ryzen 7 PRO 4750G</u>	2636	372	NA	NA
<u>Radeon Ryzen 7 PRO 4750GE</u>	2045	447	NA	NA
<u>Radeon Ryzen 7 PRO 4750U</u>	1997	459	NA	NA
<u>Radeon Ryzen 9 4900HS</u>	8572	128	NA	NA
<u>Radeon Ryzen 9 4900HSS</u>	9460	109	NA	NA
<u>Radeon Ryzen Embedded V2718</u>	2087	-1	NA	NA
<u>Radeon Ryzen Embedded V2748</u>	1296	621	NA	NA
<u>Radeon Sky 500</u>	4759	227	NA	NA
<u>Radeon TM R9 A360</u>	2105	435	NA	NA
<u>Radeon VE</u>	2	2155	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 11	1848	491	NA	NA
Radeon Vega 2	454	1255	NA	NA
Radeon Vega 3	898	808	1.67	\$538.99
Radeon Vega 3 Mobile	1069	700	NA	NA
Radeon Vega 6	1274	625	0.71	\$1,799.99*
Radeon Vega 8	1601	546	12.62	\$126.86*
Radeon Vega 8 Mobile	1451	578	NA	NA
Radeon Vega 9	1663	532	NA	NA
Radeon Vega Frontier Edition	13827	56	7.90	\$1,750.00
Radeon VII	17061	25	7.26	\$2,349.99*
Radeon X1050	49	1854	NA	NA
Radeon X1200	32	1927	NA	NA
Radeon X1250	37	1898	NA	NA
Radeon X1270	31	1931	NA	NA
Radeon X1300	58	1825	1.42	\$41.15*
Radeon X1300 PRO	84	1729	NA	NA
Radeon X1550	66	1799	0.59	\$113.00*
Radeon X1550 64-bit	47	1858	NA	NA
Radeon X1600	49	1852	NA	NA
Radeon X1600 Pro	98	1680	NA	NA
Radeon X1600 Pro / X1300XT	69	1784	NA	NA
Radeon X1600 XT	115	1631	NA	NA
Radeon X1650 GTO	74	1758	NA	NA
Radeon X1650 Pro	84	1726	0.53	\$160.89*
Radeon X1650 SE	71	1774	NA	NA
Radeon X1700 Targa Edition	116	1628	NA	NA
Radeon X1800 GTO	140	1566	NA	NA
Radeon X1900 CrossFire Edition	137	1573	NA	NA
Radeon X1900 GT	145	1558	NA	NA
Radeon X1950 CrossFire Edition	151	1548	NA	NA
Radeon X1950 GT	106	1662	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>RADEON X300</u>	50	1847	NA	NA
<u>RADEON X550XT</u>	56	1834	NA	NA
<u>Radeon X550XTX</u>	70	1775	NA	NA
<u>RADEON X600 256MB HyperMemory</u>	56	1833	NA	NA
<u>RADEON X600XT</u>	91	1710	NA	NA
<u>RADEON X700</u>	72	1767	NA	NA
<u>RADEON X700 PRO</u>	75	1756	NA	NA
<u>RADEON X700 SE</u>	71	1772	NA	NA
<u>RADEON X800 GT</u>	84	1730	NA	NA
<u>RADEON X800 GTO</u>	76	1753	NA	NA
<u>RADEON X800 PRO</u>	64	1806	NA	NA
<u>RADEON X800 PRO/GTO</u>	73	1764	NA	NA
<u>RADEON X800 SE</u>	129	1590	NA	NA
<u>RADEON X800 XL</u>	69	1782	NA	NA
<u>RADEON X800 XT</u>	97	1687	NA	NA
<u>RADEON X800 XT Platinum Edition</u>	81	1743	NA	NA
<u>RADEON X800GT</u>	79	1749	NA	NA
<u>RADEON X850 PRO</u>	72	1766	NA	NA
<u>RADEON X850 XT</u>	81	1745	NA	NA
<u>RADEON X850 XT Platinum Edition</u>	81	1737	NA	NA
<u>Radeon Xpress 1100</u>	34	1919	NA	NA
<u>Radeon Xpress 1150</u>	29	1938	NA	NA
<u>Radeon Xpress 1200</u>	35	1906	NA	NA
<u>Radeon Xpress 1250</u>	42	1874	NA	NA
<u>Radeon Xpress 1270</u>	26	1949	NA	NA
<u>Radeon Xpress 1300</u>	52	1838	NA	NA
<u>Radeon Xpress 1300M</u>	40	1882	NA	NA
<u>RADEON XPRESS 200</u>	29	1939	NA	NA
<u>RADEON XPRESS 200 CROSSFIRE</u>	18	1984	NA	NA
<u>RADEON XPRESS 200M</u>	22	1971	NA	NA
<u>Radeon HD 7730M</u>	928	788	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon I K/ 45U	2184	427	NA	NA
RadeonT RX 5300	6235	181	NA	NA
RadeonT RX 5500M	3165	323	NA	NA
RadeonT RX 560X	1809	503	NA	NA
RadeonT Vega 3	774	-1	NA	NA
Rage 128 Pro	1	2164	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2166	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2126	NA	NA
Red Hat QXL controller	31	1929	NA	NA
RGH Drivers v3	11	2003	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2104	NA	NA
RIVA TNT2/TNT2 Pro	3	2116	NA	NA
RTX A4000	15511	36	NA	NA
RTX A5000	24590	3	NA	NA
RTX A6000	22502	6	NA	NA
RV530 PRO	118	1622	NA	NA
RX 6800 XT	14683	44	NA	NA
RX6800 XT	20700	10	NA	NA
Ryzen 3 4300G with Radeon Graphics	1902	483	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2402	-1	NA	NA
Ryzen 3 4300U with Radeon Graphics	1356	602	NA	NA
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	514	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	560	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2190	424	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	2210	422	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1538	562	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	568	NA	NA
Ryzen 5 4500U with Radeon Graphics	1817	500	NA	NA
Ryzen 5 4600G with Radeon Graphics	2061	441	NA	NA
Ryzen 5 4600H with Radeon Graphics	1936	474	NA	NA

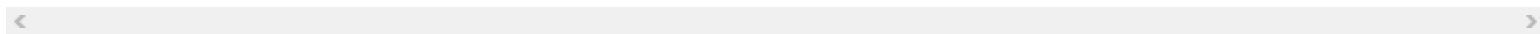
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Ryzen 5 PRO 4400GE with Radeon Graphics</u>	1441	561	NA	NA
<u>Ryzen 5 PRO 4500U with Radeon Graphics</u>	2007	454	NA	NA
<u>Ryzen 5 Pro 4650G with Radeon Graphics</u>	2398	399	NA	NA
<u>Ryzen 5 PRO 4650GE with Radeon Graphics</u>	2005	456	NA	NA
<u>Ryzen 5 PRO 4650U with Radeon Graphics</u>	1689	528	NA	NA
<u>Ryzen 7 2700U with Radeon Vega</u>	1617	541	NA	NA
<u>Ryzen 7 4700G with Radeon Graphics</u>	2186	426	NA	NA
<u>Ryzen 7 4700GE with Radeon Graphics</u>	2496	388	NA	NA
<u>Ryzen 7 4700U with Radeon Graphics</u>	2032	448	NA	NA
<u>Ryzen 7 4800H with Radeon Graphics</u>	2113	434	NA	NA
<u>Ryzen 7 4800HS with Radeon Graphics</u>	6999	-1	NA	NA
<u>Ryzen 7 4800U with Radeon Graphics</u>	2344	405	NA	NA
<u>Ryzen 7 Extreme Edition</u>	2339	407	NA	NA
<u>Ryzen 7 PRO 4700G with Radeon Graphics</u>	2879	-1	NA	NA
<u>Ryzen 7 Pro 4750G with Radeon Graphics</u>	2665	367	NA	NA
<u>Ryzen 7 PRO 4750GE with Radeon Graphics</u>	2563	381	NA	NA
<u>Ryzen 7 PRO 4750U with Radeon Graphics</u>	2028	450	NA	NA
<u>Ryzen 9 4900H with Radeon Graphics</u>	2713	-1	NA	NA
<u>S3 Chrome 430 ULP</u>	39	1887	NA	NA
<u>S3 Chrome S25 DDR2</u>	18	1981	NA	NA
<u>S3 Inc. Savage4</u>	3	2124	NA	NA
<u>S3 ProSavageDDR</u>	1	2163	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2157	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2061	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	1860	NA	NA
<u>SAPPHIRE Radeon X1550</u>	61	1815	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	1646	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	1602	NA	NA
<u>Seria Radeon HD 7700</u>	1603	544	NA	NA
<u>SUMO 9640</u>	650	1026	NA	NA
<u>SI IMO 9644</u>	465	1238	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TENSOR 1.0 Driver Intel HD 630	1299	619	NA	NA
Tesla C2050	3515	296	13.02	\$269.99*
Tesla C2050 / C2070	3428	303	NA	NA
Tesla C2070	3274	316	NA	NA
Tesla C2075	3118	327	9.16	\$340.50*
Tesla M10	3490	298	1.09	\$3,202.21*
Tesla M2070-Q	1305	617	NA	NA
Tesla M6	7621	152	NA	NA
Tesla M60	7691	151	5.51	\$1,395.00*
Tesla P100-PCI-E-16GB	7225	159	NA	NA
Tesla T10	13263	-1	NA	NA
Tesla T4	11184	90	3.23	\$3,463.66
Tesla V100-SXM2-16GB	16235	33	NA	NA
TITAN RTX	19868	12	7.95	\$2,499.00*
TITAN V	19377	16	9.01	\$2,149.99*
TITAN V CEO Edition	16987	26	NA	NA
TITAN Xp	18584	19	NA	NA
TITAN Xp COLLECTORS EDITION	17860	23	NA	NA
TRINITY DEVASTATOR MOBILE	699	978	NA	NA
TRINITY SCRAPPER MOBILE	498	1205	NA	NA
V9560XT V62.11	6	2035	NA	NA
Vanta/Vanta LT	3	2128	NA	NA
VIA Chrome9 HC IGP	4	2089	NA	NA
VIA Chrome9 HC IGP Family	3	2102	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2114	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2153	NA	NA
VIA Chrome9 HC IGP WDDM	2	2135	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	2	2136	NA	NA
VIA Chrome9 HC3 IGP	2	2140	NA	NA
VIA Chrome9 HCM IGP	1	2160	NA	NA
VIA Chrome9 HD IGP	0	2010	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA/S3G UniChrome IGP	3	2119	NA	NA
VIA/S3G KM400/KN400	4	2095	NA	NA
VIA/S3G UniChrome IGP	4	2090	NA	NA
VIA/S3G UniChrome Pro IGP	4	2075	NA	NA
VIA/S3G UniChromell	5	2044	NA	NA
VisionTek Radeon 7000	1	2158	NA	NA
WinFast A250 LE	4	2070	NA	NA
WinFast GT 610	211	1479	NA	NA
Xabre	5	2062	NA	NA
XFX Radeon HD 4650 AGP	109	1654	NA	NA
XGI Volari Family v1.13.23.D_V	4	2080	NA	NA
ZX Chrome 645/640 GPU	147	1556	NA	NA
zxcvIntel HD 620	943	-1	NA	NA

* - Last price seen from our affiliates.



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