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Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

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




**VIDEO
CARD**

Single Video Card

Find Videocard


	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	1753	NA	NA
128 DDR Radeon 9800 Pro	62	1693	NA	NA
128MB DDR Radeon 9800 Pro	66	1682	NA	NA
128MB RADEON X600 SE	49	1737	NA	NA
256MB DDR Radeon 9800 XT	37	1777	NA	NA
256MB RADEON X600	67	1676	NA	NA
3DP Edition	826	764	NA	NA
64MB DDR GeForce3 Ti 200	5	1934	NA	NA
64MB GeForce2 MX with TV Out	2	2034	NA	NA

 **High End**

High Mid Range


Low Mid Range


Low End

 **Best Value**

Common

Market Share
(30 Days)

 **Compare** ⁰

 **Video Card
Mega List**

[Search Model](#)


**GPU Compute
Video Card
Chart**

<u>7900 MOD - Radeon HD 6520G</u>	610	985	NA	NA
<u>7900 MOD - Radeon HD 6550D</u>	892	716	NA	NA
<u>9xx Soldiers sans frontiers Sigma 2</u>	21	1856	NA	NA
<u>A10-8700P</u>	513	1090	NA	NA
<u>A6 Micro-6500T Quad-Core APU with RadeonR4</u>	220	1361	NA	NA
<u>ABIT Siluro T400</u>	3	1989	NA	NA
<u>ALL-IN-WONDER 9000</u>	4	1954	NA	NA
<u>ALL-IN-WONDER 9800</u>	23	1849	NA	NA
<u>ALL-IN-WONDER RADEON 8500DV</u>	5	1939	NA	NA
<u>All-in-Wonder X1800XL</u>	30	1822	NA	NA
<u>All-in-Wonder X1900</u>	127	1486	NA	NA
<u>ALL-IN-WONDER X800 GT</u>	84	1614	NA	NA
<u>AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI</u>	3	2013	NA	NA
<u>ASUS A7000</u>	9	1896	NA	NA
<u>ASUS AGP-V3800PRO v31.40H</u>	4	1973	NA	NA
<u>ASUS EAH4870x2</u>	496	1112	NA	NA
<u>Asus GTX 650 FML II EC-EGPU</u>	720	864	NA	NA
<u>ASUS V9520-X V62.11</u>	7	1907	NA	NA
<u>B8DKMDAP</u>	4557	187	NA	NA
<u>Barco MXRT 1450</u>	205	1383	NA	NA
<u>Barco MXRT 2600</u>	900	712	NA	NA
<u>Barco MXRT 5400</u>	1161	562	NA	NA
<u>Barco MXRT 5450</u>	1079	604	NA	NA
<u>Barco MXRT 5500</u>	2701	312	NA	NA
<u>Barco MXRT 7100</u>	180	1413	NA	NA
<u>Barco MXRT 7400</u>	900	711	NA	NA
<u>Barco MXRT 7500</u>	4319	200	NA	NA
<u>Barco MXRT 7600</u>	4943	176	NA	NA
<u>BASICDISPLAY</u>	69	1664	NA	NA
<u>Citrix Indirect Display Adapter</u>	4446	194	NA	NA
<u>CONNECT 3D RADEON X300</u>	36	1782	NA	NA

Dell 8100	2	2040	0.00	\$999.11*
Dell 8200	4	1976	NA	NA
Diamond X1300-PCIE 256MB	70	1662	NA	NA
EAH5450	134	1473	1.22	\$109.99*
EIZO Quadro MED-XN51LP	4946	175	NA	NA
Embedded Radeon E9173	1996	385	NA	NA
Extreme AX850 PRO	120	1506	NA	NA
Familia Intel Q33 Express Chipset	10	1890	NA	NA
Famille de jeu de puces Express Intel 946GZ	7	1910	NA	NA
FireGL T2-128	30	1819	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V3100	52	1720	NA	NA
FireGL V3200	84	1611	NA	NA
FireGL V3300	70	1661	NA	NA
FireGL V3350	68	1669	NA	NA
FireGL V3400	103	1558	NA	NA
FireGL V3600	179	1415	1.12	\$160.99*
FireGL V5100	92	1591	NA	NA
FireGL V5200	114	1524	NA	NA
FireGL V5600	341	1245	NA	NA
FireGL V7100	71	1654	NA	NA
FireGL V7200	116	1519	NA	NA
FireGL V7300	128	1484	0.11	\$1,189.99*
FireGL V7350	110	1538	5.55	\$19.99*
FireGL V7600	615	979	NA	NA
FireGL V7700	660	923	3.77	\$174.99*
FireGL V8600	838	748	NA	NA
FireGL V8650	550	1051	1.67	\$329.99*
FireGL X1	59	1704	NA	NA
FireMV 2200 PCI	1	2055	NA	NA
FireMV 2200 PCIe	36	1784	0.40	\$89.99*

FireMV 2250	45	1745	0.43	\$105.99*
FireMV 2260	117	1515	1.12	\$104.99*
FireMV 2400 PCIe	11	1885	NA	NA
FireMV 2450	73	1646	NA	NA
FirePro 2260	112	1531	NA	NA
FirePro 2270	226	1353	1.57	\$144.99*
FirePro 2450	51	1728	0.18	\$278.00*
FirePro 2460	215	1370	2.57	\$83.99*
FirePro 3D V3700	178	1416	2.10	\$84.99*
FirePro 3D V3750	341	1244	6.71	\$50.88*
FirePro 3D V3800	472	1130	3.15	\$149.99*
FirePro 3D V4800	923	698	5.77	\$159.99*
FirePro 3D V5700	546	1056	1.71	\$319.99*
FirePro 3D V5800	1289	527	3.49	\$369.99*
FirePro 3D V7750	545	1059	1.56	\$350.00*
FirePro 3D V7800	1867	405	3.11	\$599.99*
FirePro 3D V8700	1206	550	6.03	\$199.99*
FirePro 3D V8750	1271	531	1.03	\$1,230.99*
FirePro 3D V8800	2437	334	5.74	\$424.99*
FirePro 3D V9800	2811	304	1.13	\$2,499.00*
FirePro M2000	410	1200	NA	NA
FirePro M4000	1719	436	NA	NA
FirePro M4000 Mobility Pro	1688	441	NA	NA
FirePro M40003	1364	503	NA	NA
Firepro M4100	1059	613	NA	NA
FirePro M4150	1118	589	NA	NA
FirePro M4170	1065	608	NA	NA
FirePro M5100	2102	371	NA	NA
FirePro M5100 FireGL V	1839	410	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M5950	1314	514	NA	NA

<u>FirePro M6000</u>	1820	416	NA	NA
<u>FirePro M6000 Mobility Pro</u>	1734	431	NA	NA
<u>FirePro M6100</u>	2433	336	NA	NA
<u>FirePro M6100 FireGL V</u>	3487	251	NA	NA
<u>FirePro M7740</u>	665	918	NA	NA
<u>FirePro R5000</u>	2646	319	<u>24.06</u>	<u>\$109.99*</u>
<u>FirePro RG220</u>	335	1255	<u>0.52</u>	<u>\$650.18*</u>
<u>FirePro S10000</u>	5235	166	NA	NA
<u>FirePro S7000</u>	4166	210	NA	NA
<u>FirePro S7150</u>	6276	133	<u>2.13</u>	<u>\$2,940.21*</u>
<u>FirePro S9000</u>	5059	173	NA	NA
<u>FirePro V3800</u>	333	1256	NA	NA
<u>FirePro V3900</u>	759	817	<u>5.84</u>	<u>\$129.99*</u>
<u>FirePro V4900</u>	1309	516	<u>9.03</u>	<u>\$144.99*</u>
<u>FirePro V5700</u>	464	1143	NA	NA
<u>FirePro V5800</u>	1432	490	<u>26.05</u>	<u>\$54.99*</u>
<u>FirePro V5900</u>	1325	512	<u>4.14</u>	<u>\$319.99*</u>
<u>FirePro V7000</u>	3161	274	NA	NA
<u>FirePro V7800</u>	2091	373	NA	NA
<u>FirePro V7900</u>	2749	305	<u>19.09</u>	<u>\$144.04*</u>
<u>FirePro V8700</u>	1538	465	NA	NA
<u>FirePro V8800</u>	2267	352	NA	NA
<u>FirePro V9800</u>	2726	308	NA	NA
<u>FirePro W2100</u>	892	717	<u>7.83</u>	<u>\$113.99*</u>
<u>FirePro W4100</u>	1448	483	<u>9.66</u>	<u>\$149.86*</u>
<u>FirePro W4170M</u>	1114	592	NA	NA
<u>Firepro W4190M</u>	1262	533	NA	NA
<u>FirePro W4300</u>	2909	299	<u>12.12</u>	<u>\$239.99*</u>
<u>FirePro W5000</u>	2949	290	<u>17.36</u>	<u>\$169.89*</u>
<u>FirePro W5100</u>	2717	311	<u>9.74</u>	<u>\$279.13*</u>
<u>FirePro W5130M</u>	1674	443	NA	NA
<u>Firepro W5170M</u>	2175	359	NA	NA

FirePro W600	1725	433	4.30	\$400.99*
FirePro W7000	4395	196	30.10	\$146.02*
FirePro W7000 Adapter	4105	215	NA	NA
FirePro W7100	5511	155	19.00	\$289.99*
FirePro W7170M	3461	254	NA	NA
FirePro W8000	4673	185	4.46	\$1,048.99*
FirePro W8100	6164	136	5.54	\$1,112.18*
FirePro W9000	5305	161	1.54	\$3,443.99*
FirePro W9100	7750	111	2.16	\$3,593.10*
FireStream 9170	647	939	NA	NA
FireStream 9250	1164	559	NA	NA
FireStream 9270	1341	507	NA	NA
FireStream 9370	2528	328	NA	NA
GeCube RADEON 7000	8	1898	NA	NA
GeForce 205	126	1490	NA	NA
GeForce 210	97	1580	2.50	\$38.97
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 240M GT	319	1270	NA	NA
GeForce 256	5	1950	0.12	\$42.04*
GeForce 305M	190	1403	NA	NA
GeForce 310	136	1468	1.26	\$108.35*
GeForce 310M	117	1514	NA	NA
GeForce 315	191	1401	5.81	\$32.99*
GeForce 315M	139	1459	NA	NA
GeForce 320M	271	1309	NA	NA
GeForce 405	138	1462	5.60	\$24.64*
GeForce 410M	237	1346	NA	NA
GeForce 505	186	1406	NA	NA
GeForce 510	237	1345	3.40	\$69.99*
GeForce 605	323	1265	2.94	\$109.95*
GeForce 6100	21	1857	NA	NA

<u>GeForce 6100 nForce 400</u>	25	1839	NA	NA
<u>GeForce 6100 nForce 405</u>	22	1854	NA	NA
<u>GeForce 6100 nForce 420</u>	25	1838	NA	NA
<u>GeForce 6100 nForce 430</u>	23	1851	NA	NA
<u>GeForce 610M</u>	267	1314	NA	NA
<u>GeForce 615</u>	548	1053	NA	NA
<u>GeForce 6150</u>	21	1855	<u>0.07</u>	<u>\$299.42*</u>
<u>GeForce 6150 LE</u>	33	1803	NA	NA
<u>GeForce 6150SE</u>	24	1842	NA	NA
<u>GeForce 6150SE nForce 430</u>	31	1815	NA	NA
<u>GeForce 6200</u>	44	1752	<u>1.11</u>	<u>\$39.99*</u>
<u>GeForce 6200 A-LE</u>	32	1809	NA	NA
<u>GeForce 6200 LE</u>	30	1818	<u>0.75</u>	<u>\$41.24*</u>
<u>GeForce 6200 TurboCache</u>	33	1802	NA	NA
<u>GeForce 6200A</u>	3	1997	<u>0.07</u>	<u>\$54.99*</u>
<u>GeForce 6200SE TurboCache</u>	28	1826	NA	NA
<u>GeForce 6500</u>	38	1774	NA	NA
<u>GeForce 6600</u>	70	1663	<u>0.47</u>	<u>\$149.99*</u>
<u>GeForce 6600 GT</u>	100	1565	<u>1.55</u>	<u>\$64.95*</u>
<u>GeForce 6600 LE</u>	51	1726	NA	NA
<u>GeForce 6610 XL</u>	88	1605	NA	NA
<u>GeForce 6700 XL</u>	95	1583	NA	NA
<u>GeForce 6800</u>	112	1532	<u>2.82</u>	<u>\$39.99*</u>
<u>GeForce 6800 GS</u>	137	1465	NA	NA
<u>GeForce 6800 GS/XT</u>	102	1560	NA	NA
<u>GeForce 6800 GT</u>	142	1453	NA	NA
<u>GeForce 6800 LE</u>	109	1543	NA	NA
<u>GeForce 6800 Ultra</u>	138	1461	NA	NA
<u>GeForce 6800 XE</u>	58	1705	NA	NA
<u>GeForce 6800 XT</u>	120	1505	NA	NA
<u>GeForce 7000M</u>	13	1879	NA	NA
<u>GeForce 7000M / nForce 610M</u>	12	1880	NA	NA

<u>GeForce 7025 / nForce 630a</u>	36	1781	NA	NA
<u>GeForce 7050 / nForce 610i</u>	27	1827	NA	NA
<u>GeForce 7050 / nForce 620i</u>	31	1814	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 7050 / nForce 630i</u>	27	1832	NA	NA
<u>GeForce 7050 PV / nForce 630a</u>	31	1810	NA	NA
<u>GeForce 705M</u>	455	1155	NA	NA
<u>GeForce 7100 / nForce 620i</u>	26	1835	NA	NA
<u>GeForce 7100 / nForce 630i</u>	31	1812	NA	NA
<u>GeForce 7100 GS</u>	43	1754	NA	NA
<u>GeForce 710A</u>	538	1067	NA	NA
<u>GeForce 710M</u>	419	1195	NA	NA
<u>GeForce 7150 / nForce 630i</u>	33	1804	NA	NA
<u>GeForce 7150M / nForce 630M</u>	18	1865	NA	NA
<u>GeForce 7200 GS</u>	23	1850	NA	NA
<u>GeForce 720A</u>	724	857	NA	NA
<u>GeForce 7300 GS</u>	66	1681	NA	NA
<u>GeForce 7300 GT</u>	109	1542	0.73	\$149.99*
<u>GeForce 7300 LE</u>	55	1718	1.74	\$32.00*
<u>GeForce 7300 SE</u>	39	1772	NA	NA
<u>GeForce 7300 SE/7200 GS</u>	43	1755	NA	NA
<u>GeForce 730A</u>	801	778	NA	NA
<u>GeForce 7350 LE</u>	74	1645	NA	NA
<u>GeForce 7500 LE</u>	61	1694	NA	NA
<u>GeForce 7600 GS</u>	201	1390	1.15	\$175.00*
<u>GeForce 7600 GT</u>	163	1433	1.93	\$84.95*
<u>GeForce 7650 GS</u>	134	1474	NA	NA
<u>GeForce 770M</u>	3245	268	18.34	\$176.99*
<u>GeForce 7800 GS</u>	177	1417	NA	NA
<u>GeForce 7800 GT</u>	244	1338	3.05	\$80.00*
<u>GeForce 7800 GTX</u>	221	1357	NA	NA

GeForce 7900 GS	219	1364	NA	NA
GeForce 7900 GT	258	1324	NA	NA
GeForce 7900 GT/GTO	247	1336	NA	NA
GeForce 7900 GTX	360	1234	NA	NA
GeForce 7950 GT	264	1318	0.88	\$299.99*
GeForce 7950 GX2	201	1389	3.67	\$54.99*
GeForce 7950 Xtreme	287	1298	NA	NA
GeForce 800A	428	1186	NA	NA
GeForce 800M	555	1044	NA	NA
GeForce 8100 / nForce 720a	79	1636	NA	NA
GeForce 810A	627	964	NA	NA
GeForce 810M	379	1218	NA	NA
GeForce 8200	79	1635	NA	NA
GeForce 8200M G	56	1715	NA	NA
GeForce 820A	706	880	NA	NA
GeForce 820M	493	1115	NA	NA
GeForce 825M	768	809	NA	NA
GeForce 8300	91	1598	4.04	\$22.68*
GeForce 8300 GS	66	1678	NA	NA
GeForce 830A	1004	642	NA	NA
GeForce 830M	976	659	NA	NA
GeForce 8400	100	1567	0.17	\$589.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8400 GS	117	1512	2.38	\$49.35*
GeForce 8400 SE	68	1671	NA	NA
GeForce 8400M G	58	1706	NA	NA
GeForce 8400M GS	81	1625	5.45	\$14.99*
GeForce 8400M GT	98	1575	NA	NA
GeForce 840A	1136	576	NA	NA
GeForce 840M	1012	640	NA	NA
GeForce 845M	1333	510	NA	NA

<u>GeForce 8500 GT</u>	137	1464	NA	NA
<u>GeForce 8600 GS</u>	114	1525	NA	NA
<u>GeForce 8600 GT</u>	115	1521	<u>0.61</u>	<u>\$189.00*</u>
<u>GeForce 8600 GTS</u>	283	1300	<u>4.06</u>	<u>\$70.00*</u>
<u>GeForce 8600M GS</u>	100	1566	NA	NA
<u>GeForce 8600M GT</u>	127	1487	NA	NA
<u>GeForce 8700M GT</u>	162	1435	NA	NA
<u>GeForce 8800 GS</u>	394	1211	NA	NA
<u>GeForce 8800 GT</u>	536	1070	<u>1.99</u>	<u>\$269.99*</u>
<u>GeForce 8800 GTS</u>	445	1166	NA	NA
<u>GeForce 8800 GTS 512</u>	627	962	NA	NA
<u>GeForce 8800 GTX</u>	656	926	<u>3.28</u>	<u>\$199.99*</u>
<u>GeForce 8800 Ultra</u>	638	946	NA	NA
<u>GeForce 8800M GTS</u>	474	1129	NA	NA
<u>GeForce 8800M GTX</u>	540	1065	NA	NA
<u>GeForce 9100</u>	81	1622	NA	NA
<u>GeForce 9100M G</u>	74	1642	NA	NA
<u>GeForce 910M</u>	500	1104	NA	NA
<u>GeForce 9200</u>	121	1503	NA	NA
<u>GeForce 9200M GE</u>	80	1633	NA	NA
<u>GeForce 9200M GS</u>	64	1683	NA	NA
<u>GeForce 920A</u>	919	699	NA	NA
<u>GeForce 920M</u>	712	873	NA	NA
<u>GeForce 920MX</u>	1063	610	NA	NA
<u>GeForce 9300</u>	126	1488	NA	NA
<u>GeForce 9300 / nForce 730i</u>	128	1483	NA	NA
<u>GeForce 9300 GE</u>	78	1637	<u>3.43</u>	<u>\$22.99*</u>
<u>GeForce 9300 GS</u>	91	1597	<u>1.53</u>	<u>\$59.95*</u>
<u>GeForce 9300 SE</u>	81	1627	NA	NA
<u>GeForce 9300GE</u>	97	1577	<u>5.43</u>	<u>\$18.00*</u>
<u>GeForce 9300M G</u>	84	1613	NA	NA

GeForce 9300M GS	82	1620	4.16	\$19.95*
GeForce 930A	1227	545	NA	NA
GeForce 930M	1003	643	NA	NA
GeForce 930MX	1339	509	NA	NA
GeForce 9400	107	1546	NA	NA
GeForce 9400 GT	100	1568	0.61	\$165.00*
GeForce 9400M	118	1510	NA	NA
GeForce 9400M G	123	1494	NA	NA
GeForce 940A	1031	628	NA	NA
GeForce 940M	1069	607	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 940MX	1539	464	NA	NA
GeForce 9450	104	1552	NA	NA
GeForce 945A	1852	408	NA	NA
GeForce 945M	2130	367	NA	NA
GeForce 9500 GS	276	1305	NA	NA
GeForce 9500 GT	145	1450	1.69	\$85.99*
GeForce 9500M	103	1556	NA	NA
GeForce 9500M G	166	1427	NA	NA
GeForce 9500M GS	107	1547	NA	NA
GeForce 9600 GS	445	1168	NA	NA
GeForce 9600 GSO	370	1225	7.40	\$49.99*
GeForce 9600 GSO 512	485	1122	NA	NA
GeForce 9600 GT	470	1136	6.72	\$70.00*
GeForce 9600M GS	130	1478	NA	NA
GeForce 9600M GT	131	1476	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1293	NA	NA
GeForce 9650M GS	270	1311	NA	NA
GeForce 9650M GT	254	1329	NA	NA
GeForce 9700M GT	236	1347	NA	NA
GeForce 9700M GTS	477	1125	NA	NA

<u>GeForce 9800 GT</u>	461	1148	3.07	\$149.99*
<u>GeForce 9800 GT 1024MB</u>	134	1472	NA	NA
<u>GeForce 9800 GTX</u>	769	808	NA	NA
<u>GeForce 9800 GTX+</u>	746	839	NA	NA
<u>GeForce 9800 GTX/9800 GTX+</u>	667	915	7.42	\$89.99*
<u>GeForce 9800 GX2</u>	797	782	NA	NA
<u>GeForce 9800 S</u>	635	950	NA	NA
<u>GeForce 9800M GS</u>	547	1055	NA	NA
<u>GeForce 9800M GT</u>	475	1127	NA	NA
<u>GeForce 9800M GTS</u>	470	1132	NA	NA
<u>GeForce 9800M GTX</u>	517	1086	1.57	\$328.50*
<u>GeForce 999 GTX</u>	83	1617	NA	NA
<u>GeForce FX 5100</u>	7	1906	NA	NA
<u>GeForce FX 5200</u>	7	1909	0.11	\$69.99*
<u>GeForce FX 5200 Ultra</u>	12	1883	NA	NA
<u>GeForce FX 5200LE</u>	7	1913	0.16	\$42.99*
<u>GeForce FX 5200SE</u>	11	1884	NA	NA
<u>GeForce FX 5500</u>	8	1901	0.23	\$36.99*
<u>GeForce FX 5600</u>	12	1881	NA	NA
<u>GeForce FX 5600 Ultra</u>	17	1872	NA	NA
<u>GeForce FX 5600XT</u>	9	1897	NA	NA
<u>GeForce FX 5700</u>	40	1762	NA	NA
<u>GeForce FX 5700 Ultra</u>	34	1795	NA	NA
<u>GeForce FX 5700LE</u>	24	1843	NA	NA
<u>GeForce FX 5700VE</u>	33	1801	NA	NA
<u>GeForce FX 5900</u>	34	1792	NA	NA
<u>GeForce FX 5900 Ultra</u>	41	1760	NA	NA
<u>GeForce FX 5900XT</u>	40	1766	NA	NA
<u>GeForce FX 5900ZT</u>	32	1806	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce FX 5950 Ultra</u>	59	1702	NA	NA

<u>GeForce FX Go 5200</u>	8	1899	NA	NA
<u>GeForce FX Go 5600</u>	17	1870	NA	NA
<u>GeForce FX Go5300</u>	12	1882	NA	NA
<u>GeForce FX Go5650</u>	16	1873	NA	NA
<u>GeForce FX Go5700</u>	51	1725	NA	NA
<u>GeForce G 103M</u>	67	1674	NA	NA
<u>GeForce G 105M</u>	88	1606	NA	NA
<u>GeForce G100</u>	99	1569	4.97	\$19.99*
<u>GeForce G102M</u>	93	1586	NA	NA
<u>GeForce G105M</u>	129	1481	NA	NA
<u>GeForce G200</u>	131	1477	NA	NA
<u>GeForce G205M</u>	91	1596	NA	NA
<u>GeForce G210</u>	113	1529	1.79	\$63.13*
<u>GeForce G210M</u>	198	1394	NA	NA
<u>GeForce Go 6100</u>	17	1869	NA	NA
<u>GeForce Go 6150</u>	17	1868	NA	NA
<u>GeForce Go 6200</u>	15	1876	NA	NA
<u>GeForce Go 6400</u>	24	1844	NA	NA
<u>GeForce Go 6600</u>	69	1665	NA	NA
<u>GeForce Go 6600 TE/6200 TE</u>	44	1749	NA	NA
<u>GeForce Go 6800</u>	106	1550	NA	NA
<u>GeForce Go 6800 Ultra</u>	137	1463	NA	NA
<u>GeForce Go 7200</u>	45	1746	NA	NA
<u>GeForce Go 7300</u>	50	1731	NA	NA
<u>GeForce Go 7400</u>	62	1689	NA	NA
<u>GeForce Go 7600</u>	127	1485	NA	NA
<u>GeForce Go 7600 GT</u>	165	1431	NA	NA
<u>GeForce Go 7700</u>	147	1446	NA	NA
<u>GeForce Go 7800</u>	114	1523	NA	NA
<u>GeForce Go 7800 GTX</u>	209	1380	NA	NA
<u>GeForce Go 7900 GS</u>	176	1418	NA	NA
<u>GeForce Go 7900 GTX</u>	270	1310	NA	NA

GeForce Go 7950 GTX	263	1319	NA	NA
GeForce GPU	1162	560	NA	NA
GeForce GT 1030	2603	323	32.54	\$79.99
GeForce GT 120	205	1384	6.85	\$29.99*
GeForce GT 120 / 9500 GT	324	1264	NA	NA
GeForce GT 120M	265	1317	NA	NA
GeForce GT 130	456	1152	16.30	\$27.99*
GeForce GT 130M	214	1372	NA	NA
GeForce GT 140	747	835	NA	NA
GeForce GT 220	219	1363	5.48	\$39.99*
GeForce GT 220M	151	1441	NA	NA
GeForce GT 230	327	1261	7.44	\$43.99*
GeForce GT 230M	245	1337	NA	NA
GeForce GT 240	575	1022	9.93	\$57.99*
GeForce GT 240M	218	1366	NA	NA
GeForce GT 320	461	1147	14.12	\$32.69*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 320M	122	1499	NA	NA
GeForce GT 325M	179	1414	NA	NA
GeForce GT 330	555	1045	13.89	\$39.99*
GeForce GT 330M	204	1387	NA	NA
GeForce GT 335M	409	1201	NA	NA
GeForce GT 340	774	802	14.62	\$52.99*
GeForce GT 415	271	1308	NA	NA
GeForce GT 415M	318	1274	NA	NA
GeForce GT 420	431	1183	2.78	\$155.00*
GeForce GT 420M	427	1188	NA	NA
GeForce GT 425M	532	1073	NA	NA
GeForce GT 430	539	1066	3.37	\$159.99*
GeForce GT 435M	667	913	NA	NA
GeForce GT 440	782	792	11.17	\$69.99*

<u>GeForce GT 445M</u>	1055	614	NA	NA
<u>GeForce GT 520</u>	289	1296	<u>3.86</u>	<u>\$74.99*</u>
<u>GeForce GT 520M</u>	293	1290	<u>9.81</u>	<u>\$29.95*</u>
<u>GeForce GT 520MX</u>	323	1267	NA	NA
<u>GeForce GT 525M</u>	453	1157	NA	NA
<u>GeForce GT 530</u>	650	935	<u>13.28</u>	<u>\$49.00*</u>
<u>GeForce GT 540M</u>	497	1109	<u>5.65</u>	<u>\$87.95*</u>
<u>GeForce GT 545</u>	1289	526	<u>23.21</u>	<u>\$55.59*</u>
<u>GeForce GT 550M</u>	625	966	NA	NA
<u>GeForce GT 555M</u>	672	910	NA	NA
<u>GeForce GT 610</u>	295	1289	<u>3.95</u>	<u>\$74.99*</u>
<u>GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</u>	368	1226	NA	NA
<u>GeForce GT 620</u>	371	1224	<u>9.30</u>	<u>\$39.99*</u>
<u>GeForce GT 620M</u>	432	1182	NA	NA
<u>GeForce GT 625</u>	303	1283	NA	NA
<u>GeForce GT 625M</u>	435	1181	NA	NA
<u>GeForce GT 630</u>	644	943	<u>1.12</u>	<u>\$575.00*</u>
<u>GeForce GT 630M</u>	516	1088	NA	NA
<u>GeForce GT 635</u>	831	759	<u>12.42</u>	<u>\$66.94*</u>
<u>GeForce GT 635M</u>	587	1011	NA	NA
<u>GeForce GT 640</u>	1148	567	<u>6.96</u>	<u>\$165.00*</u>
<u>GeForce GT 640M</u>	861	735	NA	NA
<u>GeForce GT 640M LE</u>	665	916	<u>0.78</u>	<u>\$849.99*</u>
<u>GeForce GT 645</u>	2250	353	NA	NA
<u>GeForce GT 645M</u>	890	719	NA	NA
<u>GeForce GT 650M</u>	1150	565	NA	NA
<u>GeForce GT 705</u>	342	1242	NA	NA
<u>GeForce GT 710</u>	604	992	<u>16.79</u>	<u>\$35.99</u>
<u>GeForce GT 710M</u>	420	1194	NA	NA
<u>GeForce GT 720</u>	588	1007	<u>5.88</u>	<u>\$99.99*</u>
<u>GeForce GT 720A</u>	660	924	NA	NA

GeForce GT 720M	456	1153	NA	NA
GeForce GT 730	831	757	11.89	\$69.98
GeForce GT 730A	742	844	NA	NA
GeForce GT 730M	890	718	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 735M	608	988	NA	NA
GeForce GT 740	1430	491	9.27	\$154.32*
GeForce GT 740A	704	882	NA	NA
GeForce GT 740M	765	810	NA	NA
GeForce GT 745A	1144	571	NA	NA
GeForce GT 745M	914	702	NA	NA
GeForce GT 750M	1329	511	NA	NA
GeForce GT 755M	1882	404	NA	NA
GeForce GT 820M	654	929	NA	NA
GeForce GT625M	513	1091	NA	NA
GeForce GTS 150M	504	1101	NA	NA
GeForce GTS 160M	678	905	NA	NA
GeForce GTS 240	714	872	10.99	\$64.99*
GeForce GTS 250	618	974	6.88	\$89.99*
GeForce GTS 250M	542	1064	NA	NA
GeForce GTS 350M	442	1174	NA	NA
GeForce GTS 360M	631	957	NA	NA
GeForce GTS 450	1132	577	14.16	\$79.99*
GeForce GTX 1050	5722	150	35.77	\$159.99
GeForce GTX 1050 (Mobile)	4457	191	NA	NA
GeForce GTX 1050 Ti	6435	129	44.41	\$144.92
GeForce GTX 1050 Ti (Mobile)	5910	146	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5678	151	NA	NA
GeForce GTX 1050 with Max-Q Design	3590	242	NA	NA
GeForce GTX 1060	10220	69	33.81	\$302.24*
GeForce GTX 1060 (Mobile)	8222	97	NA	NA

GeForce GTX 1060 3GB	9531	78	40.40	\$235.96*
GeForce GTX 1060 5GB	4140	212	NA	NA
GeForce GTX 1060 with Max-Q Design	7972	102	NA	NA
GeForce GTX 1070	13277	35	53.99	\$245.91*
GeForce GTX 1070 (Mobile)	10671	65	NA	NA
GeForce GTX 1070 Ti	13877	31	25.23	\$549.99
GeForce GTX 1070 with Max-Q Design	10599	66	NA	NA
GeForce GTX 1080	14617	27	21.82	\$669.99
GeForce GTX 1080 Ti	17295	10	21.62	\$800.08*
GeForce GTX 1080 with Max-Q Design	11057	63	NA	NA
GeForce GTX 1650	7824	107	57.96	\$134.99
GeForce GTX 1650 (Mobile)	7013	119	NA	NA
GeForce GTX 1650 SUPER	9948	71	62.18	\$159.99
GeForce GTX 1650 Ti	8110	99	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	2673	316	NA	NA
GeForce GTX 1650 with Max-Q Design	5916	145	NA	NA
GeForce GTX 1660	11310	56	52.14	\$216.95
GeForce GTX 1660 SUPER	12756	40	55.47	\$229.99
GeForce GTX 1660 Ti	12797	39	45.71	\$279.99
GeForce GTX 1660 Ti (Mobile)	10170	70	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8941	91	NA	NA
GeForce GTX 260	1215	548	12.74	\$95.38*
GeForce GTX 260M	497	1108	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 275	1461	479	12.18	\$119.99*
GeForce GTX 280	1040	624	1.99	\$522.78*
GeForce GTX 280M	621	970	NA	NA
GeForce GTX 285	1450	482	8.06	\$179.99*
GeForce GTX 285M	734	852	NA	NA
GeForce GTX 295	1131	579	7.07	\$159.99*
GeForce GTX 460	2161	363	12.74	\$169.71*

<u>GeForce GTX 460 SE</u>	2011	381	<u>12.57</u>	<u>\$159.99*</u>
<u>GeForce GTX 460 v2</u>	2496	332	<u>12.48</u>	<u>\$199.99*</u>
<u>GeForce GTX 460M</u>	1298	525	NA	NA
<u>GeForce GTX 465</u>	2945	291	<u>11.19</u>	<u>\$263.28*</u>
<u>GeForce GTX 470</u>	3138	277	<u>6.01</u>	<u>\$522.01*</u>
<u>GeForce GTX 470M</u>	1949	395	NA	NA
<u>GeForce GTX 480</u>	3595	241	<u>6.21</u>	<u>\$579.00*</u>
<u>GeForce GTX 480M</u>	2050	376	NA	NA
<u>GeForce GTX 485M</u>	2400	340	NA	NA
<u>GeForce GTX 550 Ti</u>	1598	456	<u>12.17</u>	<u>\$131.28*</u>
<u>GeForce GTX 555</u>	2042	378	NA	NA
<u>GeForce GTX 560</u>	2744	306	<u>28.60</u>	<u>\$95.95*</u>
<u>GeForce GTX 560 SE</u>	2201	357	<u>24.46</u>	<u>\$89.99*</u>
<u>GeForce GTX 560 Ti</u>	2975	289	<u>36.47</u>	<u>\$81.60*</u>
<u>GeForce GTX 560M</u>	1306	519	NA	NA
<u>GeForce GTX 570</u>	3803	232	<u>12.74</u>	<u>\$298.68*</u>
<u>GeForce GTX 570M</u>	2024	380	NA	NA
<u>GeForce GTX 580</u>	4520	189	<u>31.11</u>	<u>\$145.32*</u>
<u>GeForce GTX 580M</u>	2279	348	<u>9.17</u>	<u>\$248.68*</u>
<u>GeForce GTX 590</u>	3995	221	<u>21.72</u>	<u>\$184.00*</u>
<u>GeForce GTX 645</u>	2035	379	NA	NA
<u>GeForce GTX 650</u>	1720	435	<u>19.26</u>	<u>\$89.35*</u>
<u>GeForce GTX 650 Ti</u>	2513	330	<u>13.64</u>	<u>\$184.32*</u>
<u>GeForce GTX 650 Ti BOOST</u>	3147	275	NA	NA
<u>GeForce GTX 660</u>	3927	225	<u>31.43</u>	<u>\$124.97*</u>
<u>GeForce GTX 660 Ti</u>	4349	198	<u>8.94</u>	<u>\$486.68*</u>
<u>GeForce GTX 660M</u>	1639	449	<u>20.76</u>	<u>\$78.99*</u>
<u>GeForce GTX 670</u>	5202	168	<u>34.91</u>	<u>\$149.00*</u>
<u>GeForce GTX 670M</u>	1953	393	NA	NA
<u>GeForce GTX 670MX</u>	1701	438	NA	NA
<u>GeForce GTX 675M</u>	2120	368	NA	NA
<u>GeForce GTX 675MX</u>	2674	315	NA	NA

GeForce GTX 680	5503	156	30.58	\$179.99*
GeForce GTX 680M	3304	265	24.30	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	243	NA	NA
GeForce GTX 680MX	4270	203	NA	NA
GeForce GTX 690	6001	142	22.73	\$264.10*
GeForce GTX 745	2223	354	17.92	\$124.04*
GeForce GTX 750	3314	264	25.50	\$129.99*
GeForce GTX 750 Ti	3845	229	24.76	\$155.32*
GeForce GTX 760	4672	186	29.14	\$160.32*
GeForce GTX 760 Ti	5118	172	17.21	\$297.50*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 760 Ti OEM	5427	158	NA	NA
GeForce GTX 760A	1281	528	NA	NA
GeForce GTX 760M	1515	471	NA	NA
GeForce GTX 765M	1958	390	NA	NA
GeForce GTX 770	5900	147	53.67	\$109.95*
GeForce GTX 770M	2648	318	19.19	\$138.00*
GeForce GTX 775M	4222	207	NA	NA
GeForce GTX 780	7881	106	60.63	\$129.99*
GeForce GTX 780 Ti	9398	83	41.75	\$225.10*
GeForce GTX 780M	3953	224	20.81	\$189.99*
GeForce GTX 850A	1049	620	NA	NA
GeForce GTX 850M	2696	313	NA	NA
GeForce GTX 850M - MODDED	1091	602	NA	NA
GeForce GTX 860M	3345	262	NA	NA
GeForce GTX 870M	3166	272	NA	NA
GeForce GTX 880M	3507	249	NA	NA
GeForce GTX 950	5246	165	61.01	\$86.00*
GeForce GTX 950A	2461	333	NA	NA
GeForce GTX 950M	2639	320	4.66	\$567.00*
GeForce GTX 960	5930	144	52.36	\$113.27*

GeForce GTX 960A	2410	338	NA	NA
GeForce GTX 960M	3503	250	3.00	\$1,169.00*
GeForce GTX 965M	4029	218	NA	NA
GeForce GTX 970	9539	77	48.31	\$197.44*
GeForce GTX 970M	5384	159	25.64	\$209.99*
GeForce GTX 970XM FORCE	6706	123	NA	NA
GeForce GTX 980	10880	64	48.77	\$223.10*
GeForce GTX 980 Ti	13679	32	44.24	\$309.20*
GeForce GTX 980M	7570	114	26.11	\$289.99*
GeForce GTX Titan	9058	88	29.22	\$310.00*
GeForce GTX TITAN Black	8589	94	19.83	\$433.10*
GeForce GTX TITAN X	12751	41	21.25	\$599.99*
GeForce GTX TITAN Z	7647	112	8.32	\$919.10*
GeForce MX110	1489	475	NA	NA
GeForce MX130	1920	398	NA	NA
GeForce MX150	2362	344	NA	NA
GeForce MX230	2008	382	NA	NA
GeForce MX250	2573	325	NA	NA
GeForce MX330	2922	296	NA	NA
GeForce MX350	3028	283	NA	NA
GeForce PCX 5300	6	1925	NA	NA
GeForce PCX 5750	34	1790	NA	NA
GeForce PCX 5900	34	1796	NA	NA
GeForce RTX 2060	14734	26	49.12	\$299.99
GeForce RTX 2060 (Mobile)	11351	55	NA	NA
GeForce RTX 2060 SUPER	16294	17	41.78	\$389.99
GeForce RTX 2060 with Max-Q Design	9558	76	NA	NA
GeForce RTX 2070	16257	18	40.64	\$399.99
GeForce RTX 2070 (Mobile)	13024	37	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070 SUPER	18115	8	36.23	\$499.99

<u>GeForce RTX 2070 Super with Max-Q Design</u>	15610	21	NA	NA
<u>GeForce RTX 2070 with Max-Q Design</u>	12356	44	NA	NA
<u>GeForce RTX 2080</u>	18879	4	<u>28.61</u>	<u>\$659.99</u>
<u>GeForce RTX 2080 (Mobile)</u>	15038	23	NA	NA
<u>GeForce RTX 2080 SUPER</u>	19245	2	<u>27.11</u>	<u>\$709.99</u>
<u>GeForce RTX 2080 Super with Max-Q Design</u>	15960	19	NA	NA
<u>GeForce RTX 2080 Ti</u>	21471	1	<u>18.67</u>	<u>\$1,149.99</u>
<u>GeForce RTX 2080 with Max-Q Design</u>	14395	28	<u>6.85</u>	<u>\$2,099.99*</u>
<u>GeForce2 Go</u>	4	1980	NA	NA
<u>GeForce2 GTS/GeForce2 Pro</u>	3	1986	NA	NA
<u>GeForce2 Integrated GPU</u>	4	1974	NA	NA
<u>GeForce2 MX</u>	2	2025	NA	NA
<u>GeForce2 MX 100/200</u>	3	2009	NA	NA
<u>GeForce2 MX with DVI-D and TV-out</u>	4	1958	NA	NA
<u>GeForce2 MX/MX 400</u>	3	1988	NA	NA
<u>GeForce2 Ti</u>	4	1966	NA	NA
<u>GeForce2 Ultra</u>	6	1922	NA	NA
<u>GeForce3</u>	4	1955	NA	NA
<u>GeForce3 Ti 200</u>	4	1982	NA	NA
<u>GeForce3 Ti 500</u>	2	2036	NA	NA
<u>GeForce4 420 Go</u>	3	2006	NA	NA
<u>GeForce4 420 Go 32M</u>	5	1944	NA	NA
<u>GeForce4 4200 Go</u>	3	1987	NA	NA
<u>GeForce4 440</u>	4	1952	NA	NA
<u>GeForce4 440 Go</u>	3	1994	NA	NA
<u>GeForce4 440 Go 64M</u>	5	1929	NA	NA
<u>GeForce4 448 Go</u>	5	1941	NA	NA
<u>GeForce4 MX 4000</u>	4	1972	NA	NA
<u>GeForce4 MX 420</u>	4	1959	NA	NA
<u>GeForce4 MX 440</u>	4	1969	NA	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	1956	NA	NA

GeForce4 MX 440SE	4	1968	NA	NA
GeForce4 MX 460	4	1979	NA	NA
GeForce4 MX Integrated GPU	6	1919	NA	NA
GeForce4 Ti 4200	5	1940	NA	NA
GeForce4 Ti 4400	7	1912	NA	NA
GeForce4 Ti 4600	5	1942	0.10	\$53.99*
GeForce4 Ti 4800	5	1931	NA	NA
GeForce4 Ti 4800 SE	6	1915	NA	NA
GeForce9400M	105	1551	NA	NA
GF117	554	1047	NA	NA
GIGABYTE RADEON 9600 PRO	39	1771	NA	NA
Gigabyte RADEON X300	40	1761	NA	NA
GRID K1	810	774	2.05	\$395.00*
GRID K120Q	293	1291	NA	NA
GRID K140Q	727	856	NA	NA
GRID K160Q	739	847	NA	NA
GRID K180Q	782	791	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K2	3176	271	10.95	\$289.99*
GRID K220Q	912	705	NA	NA
GRID K240Q	2143	366	NA	NA
GRID K260Q	2940	292	NA	NA
GRID K280Q	2362	345	NA	NA
GRID K520	3343	263	4.46	\$749.95*
GRID M10-0Q	913	703	NA	NA
GRID M10-1B	2309	346	NA	NA
GRID M10-1Q	3351	261	NA	NA
GRID M10-2B	2416	337	NA	NA
GRID M10-2Q	2653	317	NA	NA
GRID M10-4Q	3223	269	NA	NA
GRID M10-8Q	2606	322	NA	NA

<u>GRID M6-0B</u>	911	706	NA	NA
<u>GRID M6-1Q</u>	2069	374	NA	NA
<u>GRID M6-8Q</u>	3568	244	NA	NA
<u>GRID M60-0B</u>	1838	411	NA	NA
<u>GRID M60-0Q</u>	827	763	NA	NA
<u>GRID M60-1B</u>	4456	192	NA	NA
<u>GRID M60-1Q</u>	4250	206	NA	NA
<u>GRID M60-2Q</u>	5291	162	NA	NA
<u>GRID M60-4Q</u>	3831	231	NA	NA
<u>GRID M60-8A</u>	5523	154	NA	NA
<u>GRID M60-8Q</u>	3883	227	NA	NA
<u>GRID P100-16Q</u>	5944	143	NA	NA
<u>GRID P100-1B</u>	2223	355	NA	NA
<u>GRID P100-8Q</u>	3841	230	NA	NA
<u>GRID P40-24Q</u>	4727	180	NA	NA
<u>GRID P40-2B</u>	3354	260	NA	NA
<u>GRID P40-2Q</u>	4287	202	NA	NA
<u>GRID P40-3Q</u>	681	901	NA	NA
<u>GRID P40-4Q</u>	777	797	NA	NA
<u>GRID P6-2Q</u>	4000	220	NA	NA
<u>GRID P6-4Q</u>	4429	195	NA	NA
<u>GRID V100-8Q</u>	16	1874	NA	NA
<u>GRID V100D-8Q</u>	4155	211	NA	NA
<u>GT 430</u>	223	1356	1.56	\$142.88*
<u>HD6450</u>	220	1360	5.52	\$39.99*
<u>HIS DIGITAL HD 4650 AGP</u>	452	1160	NA	NA
<u>IGP 340M</u>	1	2049	NA	NA
<u>Incredible HD</u>	389	1215	NA	NA
<u>Incredible HD 4000</u>	517	1087	NA	NA
<u>Incredible HD 4600</u>	749	832	NA	NA
<u>Intel - Express Chipset G41</u>	56	1714	NA	NA
<u>Intel - Express Chipset Q45/Q43</u>	57	1708	NA	NA

<u>Intel 2nd Generation SandyBridge HD</u>	212	1377	NA	NA
<u>Intel 2nd Generation SandyBridge HD 3000</u>	205	1386	NA	NA
<u>Intel 4th Generation Haswell HD</u>	419	1196	NA	NA
<u>Intel 82845G Controller</u>	2	2042	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Intel 82845G/GL Controller</u>	2	2030	NA	NA
<u>Intel 82845G/GL/GE/PE/GV Controller</u>	2	2020	NA	NA
<u>Intel 82852/82855 GM/GME Controller</u>	1	2052	NA	NA
<u>Intel 82865G Controller</u>	4	1963	NA	NA
<u>Intel 82915G Express</u>	5	1935	NA	NA
<u>Intel 82915G/915GV/910GL</u>	3	1995	NA	NA
<u>Intel 82915G/GV/910GL Advanced v3.5</u>	2	2029	NA	NA
<u>Intel 82915G/GV/910GL Express</u>	3	2015	NA	NA
<u>Intel 82945G Express</u>	74	1644	NA	NA
<u>Intel 82945G Express-Chipsatzfamilie</u>	8	1904	NA	NA
<u>Intel 865 Embedded Controller</u>	3	1996	NA	NA
<u>Intel 915G,910G Express</u>	4	1984	NA	NA
<u>Intel 915G/915GV/910GL Embedded Controller Functio</u>	4	1964	NA	NA
<u>Intel 945G Embedded Chipset Function 0</u>	4	1971	NA	NA
<u>Intel 946GZ Embedded Chipset Function 0</u>	3	2010	NA	NA
<u>Intel 946GZ Express</u>	6	1924	NA	NA
<u>Intel B43 Express Chipset</u>	68	1670	NA	NA
<u>Intel Coffee Lake UHD</u>	1158	563	NA	NA
<u>Intel Extreme Controller</u>	1	2044	NA	NA
<u>Intel G33/G31 Express</u>	173	1421	NA	NA
<u>Intel G35 Express</u>	30	1820	NA	NA
<u>Intel G41 Express Chipset</u>	51	1727	NA	NA
<u>Intel G41 Express-Chipsatz</u>	57	1710	NA	NA
<u>Intel G45/G43 Express Chipset</u>	60	1697	NA	NA
<u>Intel G45/G43/G41 Express Chipset</u>	67	1672	NA	NA

Intel G965 Express	18	1864	NA	NA
Intel GMA 3150 Express	2	2037	NA	NA
Intel Haswell HD - GT1	123	1497	NA	NA
Intel Haswell HD - GT2	139	1460	NA	NA
Intel HD 2000	213	1375	NA	NA
Intel HD 3000	255	1328	0.27	\$945.00*
Intel HD 4000	326	1262	0.20	\$1,592.95*
Intel HD 4400	533	1072	NA	NA
Intel HD 4600	656	927	NA	NA
Intel HD 500	302	1284	NA	NA
Intel HD 5000	562	1036	0.90	\$625.00*
Intel HD 505	338	1254	NA	NA
Intel HD 510	603	993	NA	NA
Intel HD 515	641	945	NA	NA
Intel HD 520	860	737	NA	NA
Intel HD 5200	830	760	NA	NA
Intel HD 530	999	646	NA	NA
Intel HD 5300	436	1178	NA	NA
Intel HD 5500	572	1028	NA	NA
Intel HD 5600	712	874	NA	NA
Intel HD 6000	882	724	NA	NA
Intel HD 610	669	912	NA	NA
Intel HD 615	761	815	NA	NA
Intel HD 630	1128	581	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD Family	456	1154	NA	NA
Intel HD Graphics 620	929	693	NA	NA
Intel HD manual-15.28-1861	62	1690	NA	NA
Intel HD manual-gen9_2015-133271	165	1429	NA	NA
Intel HD Modded	112	1534	NA	NA
Intel HD P3000	329	1259	NA	NA

<u>Intel HD P4000</u>	516	1089	NA	NA
<u>Intel HD P4600</u>	604	991	NA	NA
<u>Intel HD P4600/P4700</u>	663	921	NA	NA
<u>Intel HD P530</u>	940	687	NA	NA
<u>Intel HD P630</u>	1726	432	NA	NA
<u>Intel Infoshock HD</u>	193	1397	NA	NA
<u>Intel Iris 5100</u>	730	853	NA	NA
<u>Intel Iris 540</u>	1244	537	NA	NA
<u>Intel Iris 550</u>	1413	495	NA	NA
<u>Intel Iris 6100</u>	975	660	NA	NA
<u>Intel Iris 650</u>	1794	423	NA	NA
<u>Intel Iris Plus</u>	1840	409	NA	NA
<u>Intel Iris Plus 640</u>	1425	493	NA	NA
<u>Intel Iris Plus 645</u>	1910	401	NA	NA
<u>Intel Iris Plus 650</u>	1688	440	NA	NA
<u>Intel Iris Plus 655</u>	1801	421	NA	NA
<u>Intel Iris Pro 5200</u>	1014	637	NA	NA
<u>Intel Iris Pro 580</u>	2174	360	NA	NA
<u>Intel Iris Pro 6100</u>	925	697	NA	NA
<u>Intel Iris Pro Graphics 6200</u>	1544	463	NA	NA
<u>Intel Iris Pro P580</u>	2168	362	NA	NA
<u>Intel Iris Pro P6300</u>	1367	501	NA	NA
<u>Intel Media Accelerator</u>	32	1805	NA	NA
<u>Intel Media Accelerator 3150</u>	2	2019	NA	NA
<u>Intel Media Accelerator 500</u>	3	2003	NA	NA
<u>Intel Media Accelerator 600</u>	6	1914	NA	NA
<u>Intel Media Accelerator HD</u>	88	1607	NA	NA
<u>Intel Poison Ivy</u>	738	849	NA	NA
<u>Intel Q33 Express</u>	10	1888	NA	NA
<u>Intel Q35 Embedded</u>	8	1900	NA	NA
<u>Intel Q35 Express</u>	4	1985	NA	NA
<u>Intel Q45/Q43 Express Chipset</u>	86	1609	NA	NA

Intel Q45/Q43 Express-Chipsatz	57	1711	NA	NA
Intel Q965/Q963 Express	6	1921	NA	NA
Intel Skylake HD DT GT2	576	1020	NA	NA
Intel UHD	1143	572	NA	NA
Intel UHD 600	325	1263	NA	NA
Intel UHD 605	383	1217	NA	NA
Intel UHD 610	722	861	NA	NA
Intel UHD 615	748	834	NA	NA
Intel UHD 617	857	739	NA	NA
Intel UHD 620	888	720	NA	NA
Intel UHD 630	1457	480	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics 620	1063	609	NA	NA
Intel UHD P630	1608	454	NA	NA
Intel US15 Embedded Media and Controller	7	1911	NA	NA
ION	71	1658	0.31	\$229.99*
ION LE	97	1576	NA	NA
KV SPECTRE LITE MOBILE 25W	538	1068	NA	NA
LMIMIRR	874	728	NA	NA
M71-M	64	1686	NA	NA
M76M	124	1493	NA	NA
M860G with Mobility Radeon 4100	75	1641	NA	NA
M880G with Mobility Radeon HD 4200	92	1590	NA	NA
M880G with Mobility Radeon HD 4225	71	1656	NA	NA
M880G with Mobility Radeon HD 4250	104	1555	NA	NA
Master X3100 Driver	10	1891	NA	NA
Matrox C420 LP PCIe x16	635	952	NA	NA
Matrox C680 PCIe x16	1956	392	NA	NA
Matrox C900 PCIe x16	1812	419	NA	NA
Matrox G200e WDDM 1.2	59	1701	NA	NA
Matrox G200e WDDM 2.0	123	1495	NA	NA

<u>Matrox G200eh</u>	40	1764	NA	NA
<u>Matrox G200eh WDDM 1.2</u>	51	1722	NA	NA
<u>Matrox G200eh WDDM 2.0</u>	51	1723	NA	NA
<u>Matrox G200eR</u>	36	1780	NA	NA
<u>Matrox G200eR WDDM 1.2</u>	67	1675	NA	NA
<u>Matrox G200eR WDDM 2.0</u>	67	1673	NA	NA
<u>Matrox G200eW</u>	45	1747	NA	NA
<u>Matrox G200eW WDDM 1.2</u>	50	1733	NA	NA
<u>Matrox G200eW3 WDDM 2.0</u>	97	1579	NA	NA
<u>Matrox M9120 PCIe x16</u>	19	1860	NA	NA
<u>Matrox M9120 Plus LP PCIe x16</u>	5	1936	NA	NA
<u>Matrox M9125 PCIe x16</u>	25	1837	NA	NA
<u>Matrox M9128 LP PCIe x16</u>	5	1945	NA	NA
<u>Matrox M9138 LP PCIe x16</u>	32	1808	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	1848	NA	NA
<u>Matrox M9148 LP PCIe x16</u>	9	1894	NA	NA
<u>Matrox Millennium P650 PCIe 128</u>	5	1946	NA	NA
<u>Matrox Millennium P690 PCIe x16</u>	10	1892	NA	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	1916	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2005	0.01	\$549.99*
<u>Matrox Parhelia 256MB</u>	9	1895	NA	NA
<u>Matrox Parhelia APVe</u>	5	1938	NA	NA
<u>MEDION RADEON 9800 XXL</u>	71	1655	NA	NA
<u>MEDION RADEON X740XL</u>	94	1584	NA	NA
<u>MIRRORV3</u>	1080	603	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	1773	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	1751	NA	NA
<u>Mobile Intel 45 Express</u>	60	1696	NA	NA
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	1516	NA	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	4	1975	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

<u>Mobile Intel 945 Express</u>	2	2033	NA	NA
<u>Mobile Intel 945GM Express</u>	5	1932	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	1947	NA	NA
<u>Mobile Intel 965 Express</u>	31	1813	NA	NA
<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	1902	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	1845	NA	NA
<u>Mobile Intel HD</u>	409	1202	NA	NA
<u>Mobile Intel serie 4 Express</u>	44	1750	NA	NA
<u>Mobile Intel965 Express</u>	17	1871	NA	NA
<u>MOBILITY FIREGL 7800</u>	4	1960	NA	NA
<u>MOBILITY FIREGL T2</u>	40	1763	NA	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	1799	NA	NA
<u>MOBILITY FireGL V3200</u>	62	1692	NA	NA
<u>MOBILITY FireGL V5000</u>	81	1626	NA	NA
<u>MOBILITY FireGL V5200</u>	44	1748	NA	NA
<u>MOBILITY FireGL V5250</u>	27	1829	NA	NA
<u>Mobility FireGL V5725</u>	219	1365	NA	NA
<u>MOBILITY IGP 9000/9100</u>	10	1893	NA	NA
<u>Mobility Radeon 4100</u>	81	1630	NA	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	1923	NA	NA
<u>MOBILITY RADEON 7500</u>	3	1999	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2008	NA	NA
<u>MOBILITY RADEON 9000 IGP</u>	7	1905	NA	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	1937	NA	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2018	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2017	NA	NA
<u>MOBILITY RADEON 9550</u>	30	1821	NA	NA
<u>MOBILITY RADEON 9600</u>	36	1785	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	1841	NA	NA
<u>MOBILITY RADEON 9600/9700</u>	39	1770	NA	NA
<u>MOBILITY RADEON 9700</u>	27	1828	NA	NA

<u>MOBILITY RADEON 9800</u>	46	1744	NA	NA
<u>Mobility Radeon HD 2300</u>	50	1730	NA	NA
<u>Mobility Radeon HD 2400</u>	89	1603	NA	NA
<u>Mobility Radeon HD 2400 XT</u>	102	1561	NA	NA
<u>Mobility Radeon HD 2600</u>	167	1425	NA	NA
<u>Mobility Radeon HD 2600 XT</u>	191	1400	NA	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	1536	NA	NA
<u>Mobility Radeon HD 3410</u>	62	1688	NA	NA
<u>Mobility Radeon HD 3430</u>	98	1574	NA	NA
<u>Mobility Radeon HD 3450</u>	91	1599	NA	NA
<u>Mobility Radeon HD 3470</u>	93	1587	NA	NA
<u>Mobility Radeon HD 3470 Hybrid X2</u>	93	1585	NA	NA
<u>Mobility Radeon HD 3650</u>	136	1467	NA	NA
<u>Mobility Radeon HD 3670</u>	232	1351	NA	NA
<u>Mobility Radeon HD 3850</u>	365	1229	NA	NA
<u>Mobility Radeon HD 3870</u>	547	1054	NA	NA
<u>Mobility Radeon HD 3870 X2</u>	564	1033	NA	NA
<u>Mobility Radeon HD 4200</u>	90	1601	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon HD 4225</u>	66	1680	NA	NA
<u>Mobility Radeon HD 4250</u>	98	1572	NA	NA
<u>Mobility Radeon HD 4270</u>	92	1589	NA	NA
<u>Mobility Radeon HD 4300 Serisi</u>	73	1651	NA	NA
<u>Mobility Radeon HD 4330</u>	135	1469	NA	NA
<u>Mobility Radeon HD 4350</u>	148	1445	NA	NA
<u>Mobility Radeon HD 4550</u>	191	1402	NA	NA
<u>Mobility Radeon HD 4570</u>	129	1482	NA	NA
<u>Mobility Radeon HD 4650</u>	401	1210	NA	NA
<u>Mobility Radeon HD 4670</u>	463	1146	NA	NA
<u>Mobility Radeon HD 4830</u>	511	1092	NA	NA
<u>Mobility Radeon HD 4850</u>	866	731	NA	NA

<u>Mobility Radeon HD 4870</u>	719	866	NA	NA
<u>Mobility Radeon HD 5000</u>	773	805	NA	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1124	NA	NA
<u>Mobility Radeon HD 5165</u>	284	1299	NA	NA
<u>Mobility Radeon HD 530v</u>	174	1419	NA	NA
<u>Mobility Radeon HD 540v</u>	188	1405	NA	NA
<u>Mobility Radeon HD 5430</u>	181	1410	NA	NA
<u>Mobility Radeon HD 5450</u>	214	1373	NA	NA
<u>Mobility Radeon HD 545v</u>	199	1391	NA	NA
<u>Mobility Radeon HD 5470</u>	236	1348	NA	NA
<u>Mobility Radeon HD 550v</u>	266	1315	NA	NA
<u>Mobility Radeon HD 5570</u>	601	996	NA	NA
<u>Mobility Radeon HD 560v</u>	318	1275	NA	NA
<u>Mobility Radeon HD 5650</u>	455	1156	NA	NA
<u>Mobility Radeon HD 565v</u>	353	1238	NA	NA
<u>Mobility Radeon HD 5730</u>	621	969	NA	NA
<u>Mobility Radeon HD 5850</u>	763	813	NA	NA
<u>Mobility Radeon HD 5870</u>	1035	626	NA	NA
<u>Mobility Radeon HD serie 4200</u>	96	1581	NA	NA
<u>Mobility Radeon X1300</u>	39	1768	NA	NA
<u>Mobility Radeon X1350</u>	39	1767	NA	NA
<u>Mobility Radeon X1400</u>	42	1756	NA	NA
<u>Mobility Radeon X1450</u>	33	1800	NA	NA
<u>Mobility Radeon X1600</u>	92	1593	NA	NA
<u>Mobility Radeon X1700</u>	104	1553	NA	NA
<u>MOBILITY RADEON X1800</u>	130	1479	NA	NA
<u>Mobility Radeon X1900</u>	134	1470	NA	NA
<u>Mobility Radeon X2300</u>	48	1739	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	1738	NA	NA
<u>Mobility Radeon X2500</u>	81	1624	NA	NA
<u>MOBILITY RADEON X300</u>	33	1798	NA	NA
<u>MOBILITY RADEON X600</u>	50	1732	NA	NA

<u>MOBILITY RADEON X600 SE</u>	49	1735	NA	NA
<u>MOBILITY RADEON X700</u>	66	1677	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	1698	NA	NA
<u>MOBILITY RADEON XPRESS 200</u>	27	1831	NA	NA
<u>Mobility Radeon. HD 5470</u>	215	1371	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MOBILITY/RADEON 9000</u>	4	1981	NA	NA
<u>MONSTER GeForce GTX 675M</u>	2637	321	NA	NA
<u>MxGPU</u>	1826	415	NA	NA
<u>N16P-GX</u>	1204	553	NA	NA
<u>N18E-Q1</u>	2525	329	NA	NA
<u>nForce 750a SLI</u>	83	1619	NA	NA
<u>nForce 760i SLI</u>	140	1458	NA	NA
<u>nForce 780a SLI</u>	92	1594	NA	NA
<u>nForce 980a/780a SLI</u>	81	1628	NA	NA
<u>NV44</u>	15	1875	NA	NA
<u>NVIDIA TITAN X</u>	13659	33	22.46	\$608.10*
<u>NVIDIA TITAN Xp</u>	17019	13	12.17	\$1,398.68*
<u>NVS 2100M</u>	184	1407	NA	NA
<u>NVS 300</u>	181	1409	13.00	\$14.00*
<u>NVS 310</u>	244	1339	4.07	\$59.98*
<u>NVS 3100M</u>	118	1507	NA	NA
<u>NVS 315</u>	319	1272	5.32	\$59.98*
<u>NVS 4200M</u>	263	1320	0.66	\$399.00*
<u>NVS 510</u>	774	801	2.31	\$335.78
<u>NVS 5100M</u>	219	1362	NA	NA
<u>NVS 5200M</u>	563	1034	NA	NA
<u>NVS 5400M</u>	649	937	NA	NA
<u>NVS 810</u>	1015	636	1.62	\$624.99*
<u>OPAL XT/GL</u>	1053	617	NA	NA
<u>OpenXT Display Driver</u>	30	1817	NA	NA

P104-100	4449	193	NA	NA
P106-100	3801	233	NA	NA
PHDGD Ivy 4	374	1222	NA	NA
PHDGD Ivy 5	445	1167	NA	NA
PHDGD Quantic C3	116	1517	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	1836	NA	NA
PHDGD Solo 1.2.0 x86	11	1887	NA	NA
PHDGD Solo 2 x64	20	1859	NA	NA
Professional HD Driver	653	932	NA	NA
Q12U-1	5164	170	NA	NA
Quadro 1000M	603	994	11.07	\$54.50*
Quadro 1100M	755	826	NA	NA
Quadro 2000	957	673	9.58	\$99.99*
Quadro 2000 D	1239	538	NA	NA
Quadro 2000D	986	655	5.80	\$170.00*
Quadro 2000M	837	750	17.99	\$46.56*
Quadro 2100M	1100	599	NA	NA
Quadro 280 NVS PCIe	5	1933	NA	NA
Quadro 3000M	1145	569	16.37	\$69.99*
Quadro 400	190	1404	4.76	\$39.99*
Quadro 4000	1536	466	1.73	\$889.99
Quadro 4000M	1303	523	14.32	\$91.01*
Quadro 410	438	1177	3.40	\$129.00*
Quadro 5000	2500	331	1.09	\$2,303.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 5000M	2059	375	NA	NA
Quadro 500M	664	920	2.41	\$275.14*
Quadro 5010M	1833	414	7.77	\$235.95*
Quadro 600	556	1042	9.28	\$59.99*
Quadro 6000	3128	278	0.80	\$3,899.99
Quadro 7000	4107	214	NA	NA

Quadro CX	947	680	6.32	\$149.95*
Quadro FX 1000	34	1794	NA	NA
Quadro FX 1100	35	1786	0.17	\$212.99*
Quadro FX 1300	34	1793	NA	NA
Quadro FX 1400	103	1557	0.42	\$245.01*
Quadro FX 1500	182	1408	1.59	\$115.01*
Quadro FX 1500M	171	1422	NA	NA
Quadro FX 1600M	213	1374	1.42	\$149.90*
Quadro FX 1700	121	1501	4.43	\$27.50*
Quadro FX 1700M	180	1412	NA	NA
Quadro FX 1800	402	1209	4.02	\$99.99*
Quadro FX 1800M	511	1093	NA	NA
Quadro FX 2000	18	1867	NA	NA
Quadro FX 2500M	217	1367	12.45	\$17.50*
Quadro FX 2700	543	1062	NA	NA
Quadro FX 2700M	404	1208	4.05	\$99.95*
Quadro FX 2800M	414	1198	8.30	\$49.95*
Quadro FX 3000	69	1668	0.41	\$166.61*
Quadro FX 3400/4400	104	1554	NA	NA
Quadro FX 3450	148	1444	1.24	\$119.99*
Quadro FX 3450/4000 SDI	134	1471	NA	NA
Quadro FX 350	85	1610	NA	NA
Quadro FX 3500	318	1273	4.62	\$68.98*
Quadro FX 3500M	306	1282	3.06	\$99.99*
Quadro FX 350M	62	1691	NA	NA
Quadro FX 3600M	466	1139	NA	NA
Quadro FX 360M	86	1608	NA	NA
Quadro FX 370	83	1618	0.67	\$125.00*
Quadro FX 370 Low Profile	102	1559	NA	NA
Quadro FX 370 LP	108	1545	NA	NA
Quadro FX 3700	384	1216	4.27	\$89.99*
Quadro FX 3700M	566	1031	0.61	\$925.00*

Quadro FX 370M	93	1588	NA	NA
Quadro FX 380	111	1537	1.53	\$72.50*
Quadro FX 380 LP	142	1451	NA	NA
Quadro FX 3800	757	821	7.65	\$98.99*
Quadro FX 3800M	802	777	NA	NA
Quadro FX 380M	165	1430	NA	NA
Quadro FX 4000	101	1564	NA	NA
Quadro FX 4500	205	1385	0.89	\$230.33*
Quadro FX 4500 X2	236	1349	NA	NA
Quadro FX 4600	448	1163	3.58	\$124.98*
Quadro FX 4700 X2	676	908	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4800	944	685	6.79	\$138.98*
Quadro FX 500/600 PCI	14	1877	NA	NA
Quadro FX 500/FX 600	7	1908	NA	NA
Quadro FX 540	80	1632	1.35	\$59.99*
Quadro FX 550	63	1687	0.43	\$149.00*
Quadro FX 5500	242	1340	0.77	\$315.99*
Quadro FX 560	113	1528	0.76	\$150.25*
Quadro FX 5600	613	981	3.63	\$168.98*
Quadro FX 570	115	1522	1.54	\$74.99*
Quadro FX 570M	122	1500	NA	NA
Quadro FX 580	169	1424	2.46	\$68.89*
Quadro FX 5800	1127	582	6.30	\$178.89*
Quadro FX 770M	296	1288	0.56	\$527.00*
Quadro FX 880M	226	1354	NA	NA
Quadro FX Go1400	101	1562	NA	NA
Quadro GP100	12662	43	NA	NA
Quadro GV100	12721	42	1.41	\$8,999.00*
Quadro K1000M	745	840	10.66	\$69.95*
Quadro K1100M	1104	596	22.11	\$49.95*

Quadro K1200	2918	297	15.29	\$190.89*
Quadro K2000	1552	459	12.94	\$120.00*
Quadro K2000D	1656	447	11.83	\$140.00*
Quadro K2000M	1051	618	7.30	\$144.04*
Quadro K2100M	1387	497	2.52	\$550.00*
Quadro K2200	3562	246	28.92	\$123.18*
Quadro K2200M	3790	234	30.34	\$124.95*
Quadro K3000M	1684	442	10.87	\$155.00*
Quadro K3100M	2286	347	5.72	\$399.95*
Quadro K4000	2676	314	15.21	\$175.99*
Quadro K4000M	1950	394	3.25	\$599.99*
Quadro K4100M	2718	310	13.73	\$198.02*
Quadro K420	728	855	3.87	\$188.32*
Quadro K4200	4198	209	17.50	\$239.99*
Quadro K5000	3977	222	10.33	\$384.98*
Quadro K5000M	2572	326	6.61	\$389.25*
Quadro K5100M	2934	294	10.26	\$285.99*
Quadro K510M	651	933	NA	NA
Quadro K5200	5756	149	6.86	\$838.99
Quadro K600	750	830	21.46	\$34.99*
Quadro K6000	8337	96	11.51	\$724.28*
Quadro K610M	695	891	9.28	\$75.00*
Quadro K620	2274	349	16.39	\$138.83*
Quadro K620M	1149	566	NA	NA
Quadro M1000M	2857	302	33.23	\$85.99*
Quadro M1200	3602	239	NA	NA
Quadro M2000	4300	201	14.38	\$298.99*
Quadro M2000M	3472	253	12.40	\$279.95*
Quadro M2200	3964	223	15.86	\$249.99*
Quadro M3000M	5222	167	32.65	\$159.95*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

<u>Quadro M4000</u>	6489	128	<u>23.26</u>	<u>\$279.00*</u>
<u>Quadro M4000M</u>	6253	134	NA	NA
<u>Quadro M5000</u>	9333	85	<u>14.38</u>	<u>\$648.99*</u>
<u>Quadro M5000M</u>	6134	137	<u>12.27</u>	<u>\$499.95*</u>
<u>Quadro M500M</u>	1097	600	NA	NA
<u>Quadro M520</u>	1632	451	NA	NA
<u>Quadro M5500</u>	7915	103	NA	NA
<u>Quadro M6000</u>	11174	60	<u>10.60</u>	<u>\$1,054.03*</u>
<u>Quadro M6000 24GB</u>	12244	46	NA	NA
<u>Quadro M600M</u>	1932	396	<u>18.76</u>	<u>\$102.99*</u>
<u>Quadro M620</u>	2913	298	NA	NA
<u>Quadro NVS 110M</u>	47	1741	NA	NA
<u>Quadro NVS 120M</u>	46	1743	NA	NA
<u>Quadro NVS 130M</u>	59	1703	NA	NA
<u>Quadro NVS 135M</u>	56	1712	NA	NA
<u>Quadro NVS 140M</u>	89	1604	NA	NA
<u>Quadro NVS 150M</u>	92	1592	NA	NA
<u>Quadro NVS 160M</u>	64	1684	NA	NA
<u>Quadro NVS 210S</u>	23	1846	NA	NA
<u>Quadro NVS 210S / GeForce 6150LE</u>	20	1858	NA	NA
<u>Quadro NVS 280 PCI</u>	8	1903	<u>0.14</u>	<u>\$59.50*</u>
<u>Quadro NVS 280 SD</u>	2	2039	NA	NA
<u>Quadro NVS 285</u>	35	1788	<u>1.26</u>	<u>\$27.99*</u>
<u>Quadro NVS 285 128MB</u>	38	1775	<u>0.70</u>	<u>\$55.00*</u>
<u>Quadro NVS 290</u>	90	1602	<u>2.01</u>	<u>\$45.00*</u>
<u>Quadro NVS 295</u>	90	1600	<u>1.27</u>	<u>\$71.38</u>
<u>Quadro NVS 320M</u>	204	1388	NA	NA
<u>Quadro NVS 420</u>	98	1571	<u>0.29</u>	<u>\$335.20*</u>
<u>Quadro NVS 440</u>	37	1778	<u>0.30</u>	<u>\$124.99*</u>
<u>Quadro NVS 450</u>	73	1649	<u>0.52</u>	<u>\$139.99*</u>
<u>Quadro NVS 510M</u>	253	1330	NA	NA
<u>Quadro NVS 55/280 PCI</u>	6	1927	NA	NA

Quadro P1000	4115	213	13.00	\$316.44
Quadro P2000	7284	116	16.05	\$453.81*
Quadro P2000 with Max-Q Design	5289	163	NA	NA
Quadro P2200	9449	79	22.77	\$414.99
Quadro P3000	6522	127	NA	NA
Quadro P3200	6084	139	NA	NA
Quadro P3200 with Max-Q Design	9012	89	NA	NA
Quadro P400	1660	445	14.62	\$113.59
Quadro P4000	11175	59	13.03	\$858.00*
Quadro P4000 with Max-Q Design	9082	87	NA	NA
Quadro P4200	12019	48	NA	NA
Quadro P4200 with Max-Q Design	11940	49	NA	NA
Quadro P500	1723	434	NA	NA
Quadro P5000	12275	45	5.71	\$2,149.99*
Quadro P520	1959	389	1.31	\$1,499.00*
Quadro P5200	9185	86	NA	NA
Quadro P5200 with Max-Q Design	9796	74	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P600	3203	270	13.29	\$241.04*
Quadro P6000	15556	22	5.66	\$2,749.99*
Quadro P620	3676	238	21.01	\$174.99
Quadro RTX 3000	11097	62	NA	NA
Quadro RTX 3000 with Max-Q Design	9402	82	NA	NA
Quadro RTX 4000	15782	20	17.56	\$899.00*
Quadro RTX 4000 with Max-Q Design	11185	58	NA	NA
Quadro RTX 5000	17045	12	NA	NA
Quadro RTX 5000 (Mobile)	14967	24	NA	NA
Quadro RTX 5000 with Max-Q Design	11722	53	NA	NA
Quadro RTX 6000	18350	7	2.91	\$6,300.00*
Quadro RTX 8000	18466	6	3.89	\$4,741.49*
Quadro T1000	6385	130	NA	NA

<u>Quadro T2000</u>	6698	124	NA	NA
<u>Quadro2 MXR/EX</u>	4	1970	NA	NA
<u>Quadro2 Pro</u>	1	2054	NA	NA
<u>Quadro4 380 XGL</u>	6	1917	NA	NA
<u>Quadro4 900 XGL</u>	4	1953	NA	NA
<u>Quadro4 980 XGL</u>	5	1951	<u>0.01</u>	<u>\$341.43*</u>
<u>Qualcomm Adreno 630 GPU</u>	249	1333	NA	NA
<u>QXL KMDOD</u>	18	1861	NA	NA
<u>Radeon 2100</u>	59	1699	<u>0.46</u>	<u>\$129.99</u>
<u>Radeon 3000</u>	98	1573	<u>0.31</u>	<u>\$319.00*</u>
<u>Radeon 3100</u>	73	1648	<u>0.45</u>	<u>\$164.99</u>
<u>Radeon 520</u>	855	741	NA	NA
<u>Radeon 530</u>	928	695	NA	NA
<u>Radeon 535</u>	1162	561	NA	NA
<u>Radeon 535DX</u>	862	734	NA	NA
<u>Radeon 540</u>	1443	486	NA	NA
<u>Radeon 540X</u>	1433	489	NA	NA
<u>Radeon 550X</u>	1613	453	NA	NA
<u>Radeon 620</u>	918	700	NA	NA
<u>Radeon 6600M</u>	574	1027	NA	NA
<u>Radeon 6750M</u>	911	707	NA	NA
<u>Radeon 7000 / Radeon VE</u>	2	2027	NA	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	1991	NA	NA
<u>RADEON 7200</u>	2	2021	<u>0.00</u>	<u>\$599.99*</u>
<u>RADEON 7500</u>	3	2011	<u>0.10</u>	<u>\$32.12*</u>
<u>RADEON 7500 Family</u>	4	1961	NA	NA
<u>RADEON 8500 Family</u>	6	1918	NA	NA
<u>RADEON 9000</u>	4	1965	NA	NA
<u>RADEON 9000 Family</u>	3	2001	NA	NA
<u>RADEON 9100 Family</u>	6	1926	NA	NA
<u>RADEON 9100 IGP</u>	5	1943	NA	NA
<u>RADEON 9200</u>	3	1998	<u>0.09</u>	<u>\$39.95*</u>

RADEON 9200 LE Family	2	2031	NA	NA
RADEON 9200 PRO Family	2	2022	NA	NA
RADEON 9200 SE	2	2035	NA	NA
RADEON 9250	2	2032	0.03	\$79.95*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9500	36	1783	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	1759	NA	NA
RADEON 9550	34	1791	1.09	\$31.88*
Radeon 9550 / X1050	29	1825	NA	NA
RADEON 9600 Family	25	1840	NA	NA
RADEON 9600 PRO	42	1757	NA	NA
RADEON 9600 PRO Family	26	1833	NA	NA
RADEON 9600 TX Family	18	1863	NA	NA
RADEON 9600 XT	35	1789	NA	NA
RADEON 9600SE	27	1830	NA	NA
RADEON 9700 PRO	53	1719	NA	NA
RADEON 9800	57	1709	0.27	\$210.52*
RADEON 9800 PRO	59	1700	NA	NA
RADEON 9800 SE	23	1847	NA	NA
RADEON 9800 XT	56	1713	NA	NA
RADEON A9800XT	22	1852	NA	NA
RADEON E2400	51	1724	NA	NA
RADEON E4690	405	1207	NA	NA
Radeon E6460	323	1266	NA	NA
Radeon E6465	164	1432	NA	NA
Radeon E6760	973	662	4.06	\$239.99*
Radeon E8860	1577	457	NA	NA
Radeon E8870PCIe	3368	258	NA	NA
Radeon HD 2350	76	1639	NA	NA
Radeon HD 2400	120	1504	4.85	\$24.88*
Radeon HD 2400 PCI	14	1878	NA	NA

Radeon HD 2400 Pro	114	1526	NA	NA
Radeon HD 2400 XT	118	1508	NA	NA
Radeon HD 2600 PRO	211	1379	NA	NA
Radeon HD 2600 Pro AGP	110	1539	NA	NA
Radeon HD 2600 XT	282	1301	NA	NA
Radeon HD 2900 GT	292	1295	NA	NA
Radeon HD 2900 PRO	627	961	NA	NA
Radeon HD 2900 XT	659	925	NA	NA
Radeon HD 3000	95	1582	NA	NA
Radeon HD 3200	82	1621	NA	NA
Radeon HD 3300	126	1489	NA	NA
Radeon HD 3450	73	1647	1.64	\$44.98*
Radeon HD 3470	142	1452	NA	NA
Radeon HD 3650 AGP	150	1443	NA	NA
Radeon HD 3670	161	1436	NA	NA
Radeon HD 3850	464	1144	NA	NA
Radeon HD 3850 AGP	443	1169	NA	NA
Radeon HD 3850 X2	822	767	NA	NA
Radeon HD 3870	587	1010	2.10	\$279.95*
Radeon HD 3870 X2	708	876	NA	NA
Radeon HD 4200	111	1535	NA	NA
Radeon HD 4250	122	1498	NA	NA
Radeon HD 4270	109	1540	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4290	140	1455	NA	NA
Radeon HD 4300/4500 Serisi	155	1439	NA	NA
Radeon HD 4330	117	1513	NA	NA
Radeon HD 4350	101	1563	0.68	\$149.95*
Radeon HD 4550	235	1350	1.86	\$126.99*
Radeon HD 4650	277	1304	2.22	\$124.99*
Radeon HD 4650 AGP	207	1381	NA	NA

Radeon HD 4670	411	1199	3.74	\$109.99*
Radeon HD 4770	946	681	NA	NA
Radeon HD 4810	769	806	NA	NA
Radeon HD 4830	864	732	14.41	\$59.99*
Radeon HD 4850	858	738	20.14	\$42.62*
Radeon HD 4850 X2	1132	578	NA	NA
Radeon HD 4870	1205	551	9.27	\$129.99*
Radeon HD 4870 X2	1309	517	NA	NA
Radeon HD 4890	1535	467	13.96	\$109.99*
Radeon HD 5450	231	1352	2.35	\$98.68*
Radeon HD 5470	268	1313	NA	NA
Radeon HD 5550	362	1232	6.60	\$54.99*
Radeon HD 5570	443	1172	2.40	\$184.38
Radeon HD 5600/5700	958	672	NA	NA
Radeon HD 5670	799	781	16.70	\$47.84*
Radeon HD 5750	1137	575	16.38	\$69.41*
Radeon HD 5770	1353	505	3.67	\$369.22*
Radeon HD 5830	1792	424	11.20	\$159.99*
Radeon HD 5850	2118	369	26.48	\$79.99*
Radeon HD 5870	2363	343	8.18	\$289.00*
Radeon HD 5970	2394	342	7.26	\$329.99*
Radeon HD 6230	221	1358	NA	NA
Radeon HD 6250	114	1527	NA	NA
Radeon HD 6290	121	1502	NA	NA
Radeon HD 6290M	140	1457	NA	NA
Radeon HD 6300M	159	1437	NA	NA
Radeon HD 6310	124	1491	NA	NA
Radeon HD 6320	150	1442	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1368	NA	NA
Radeon HD 6320M	198	1393	NA	NA
RADEON HD 6350	158	1438	4.40	\$35.95*
Radeon HD 6370D	310	1281	NA	NA

Radeon HD 6370M	275	1306	NA	NA
Radeon HD 6380G	300	1286	0.75	\$399.99*
Radeon HD 6410D	260	1322	NA	NA
Radeon HD 6430M	192	1399	NA	NA
Radeon HD 6450	194	1396	4.32	\$44.99*
Radeon HD 6450 + 8470D Dual	762	814	NA	NA
Radeon HD 6450A	260	1323	NA	NA
Radeon HD 6470M	248	1334	0.44	\$569.99*
Radeon HD 6480G	272	1307	NA	NA
Radeon HD 6480M	353	1237	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6490M	377	1219	0.32	\$1,193.03*
Radeon HD 6520G	293	1294	NA	NA
Radeon HD 6530D	343	1241	NA	NA
Radeon HD 6550A	707	877	NA	NA
Radeon HD 6550D	441	1176	NA	NA
Radeon HD 6570	511	1094	10.23	\$49.99*
Radeon HD 6610M	565	1032	NA	NA
Radeon HD 6620G	430	1184	NA	NA
Radeon HD 6630M	684	900	NA	NA
Radeon HD 6650A	835	752	NA	NA
Radeon HD 6650M	763	811	NA	NA
Radeon HD 6670	696	890	6.76	\$102.99*
Radeon HD 6670 + 6670 Dual	646	940	NA	NA
Radeon HD 6670 + 7660D Dual	1492	474	NA	NA
Radeon HD 6670/7670	945	682	NA	NA
Radeon HD 6700M	1016	635	NA	NA
Radeon HD 6750	1118	590	22.38	\$49.99*
Radeon HD 6750M	937	688	NA	NA
Radeon HD 6770	1204	555	15.64	\$76.99*
Radeon HD 6770M	964	668	NA	NA

Radeon HD 6790	1837	412	28.28	\$64.99*
Radeon HD 6800M	835	753	NA	NA
Radeon HD 6850	1998	384	12.09	\$165.32*
Radeon HD 6850 X2	2534	327	NA	NA
Radeon HD 6870	2208	356	14.72	\$150.00*
Radeon HD 6900M	1761	428	NA	NA
Radeon HD 6950	2740	307	18.48	\$148.32*
Radeon HD 6970	2939	293	49.00	\$59.99*
Radeon HD 6970M	2270	350	10.51	\$215.99*
Radeon HD 6990	2932	295	18.33	\$159.99*
Radeon HD 7290	117	1511	NA	NA
Radeon HD 7290M	123	1496	NA	NA
Radeon HD 7310	132	1475	NA	NA
Radeon HD 7310 - Carte graphique	174	1420	NA	NA
Radeon HD 7310G	180	1411	NA	NA
Radeon HD 7310M	166	1428	NA	NA
Radeon HD 7340	167	1426	0.30	\$552.69*
Radeon HD 7340G	196	1395	NA	NA
Radeon HD 7340M	221	1359	NA	NA
Radeon HD 7350	215	1369	NA	NA
Radeon HD 7400G	322	1268	NA	NA
Radeon HD 7420G	389	1214	NA	NA
Radeon HD 7450	238	1344	4.77	\$49.99*
Radeon HD 7450A	288	1297	NA	NA
Radeon HD 7450M	329	1258	NA	NA
Radeon HD 7470	486	1121	25.93	\$18.76*
Radeon HD 7470M	407	1203	NA	NA
Radeon HD 7480D	357	1235	NA	NA
Radeon HD 7500G	316	1276	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7500G + 7500M/7600M Dual	616	977	NA	NA

<u>Radeon HD 7500G + 7550M Dual</u>	497	1110	NA	NA
<u>Radeon HD 7500G + HD 7500M/7600M Dual</u>	355	1236	NA	NA
<u>Radeon HD 7520G</u>	338	1251	NA	NA
<u>Radeon HD 7520G + 7400M Dual</u>	486	1120	NA	NA
<u>Radeon HD 7520G + 7470M Dual</u>	542	1063	NA	NA
<u>Radeon HD 7520G + 7500/7600 Dual</u>	582	1015	NA	NA
<u>Radeon HD 7520G + 7600M Dual</u>	591	1002	NA	NA
<u>Radeon HD 7520G + 7610M Dual</u>	588	1005	NA	NA
<u>Radeon HD 7520G + 7650M Dual</u>	453	1158	NA	NA
<u>Radeon HD 7520G + 7670M Dual</u>	523	1082	NA	NA
<u>Radeon HD 7520G + 7700M Dual</u>	1060	612	NA	NA
<u>Radeon HD 7520G + 8600/8700M Dual</u>	311	1280	NA	NA
<u>Radeon HD 7520G + 8750M Dual</u>	376	1220	NA	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1060	NA	NA
<u>Radeon HD 7520G + HD 7500/7600 Dual</u>	832	755	NA	NA
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1164	NA	NA
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1114	NA	NA
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1024	NA	NA
<u>Radeon HD 7520G + HD 8600/8700M Dual</u>	623	967	NA	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	934	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1025	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</u>	364	1230	NA	NA
<u>Radeon HD 7540D</u>	360	1233	NA	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	867	NA	NA
<u>Radeon HD 7540D + 7500 Dual</u>	821	769	NA	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	944	NA	NA
<u>Radeon HD 7550M</u>	464	1142	NA	NA
<u>Radeon HD 7550M/7650M</u>	728	854	NA	NA
<u>Radeon HD 7560D</u>	499	1105	NA	NA
<u>Radeon HD 7560D + 6450 Dual</u>	568	1030	NA	NA
<u>Radeon HD 7560D + 6570 Dual</u>	833	754	NA	NA

Radeon HD 7560D + 6670 Dual	1130	580	NA	NA
Radeon HD 7560D + 7560D Dual	982	658	NA	NA
Radeon HD 7560D + 7570 Dual	985	656	NA	NA
Radeon HD 7560D + 7670 Dual	1426	492	NA	NA
Radeon HD 7560D + 7700 Dual	1919	399	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	542	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	458	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1071	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	535	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	498	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	506	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	689	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1035	NA	NA
Radeon HD 7570	693	892	13.50	\$51.41*
Radeon HD 7570M	486	1119	NA	NA
Radeon HD 7570M/HD 7670M	699	888	NA	NA
Radeon HD 7580D	350	1239	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G	340	1247	NA	NA
Radeon HD 7600G + 6400M Dual	376	1221	NA	NA
Radeon HD 7600G + 7450M Dual	389	1213	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1206	NA	NA
Radeon HD 7600G + 7550M Dual	423	1191	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	469	1138	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1260	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	555	1046	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1096	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1061	NA	NA
Radeon HD 7600G + HD Dual	442	1175	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1078	NA	NA
Radeon HD 7600M + 7600M Dual	773	803	NA	NA

<u>Radeon HD 7610M</u>	632	956	NA	NA
<u>Radeon HD 7620G</u>	342	1243	NA	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1097	NA	NA
<u>Radeon HD 7620G + 8670M Dual</u>	577	1019	NA	NA
<u>Radeon HD 7620G + HD 8600M Dual</u>	442	1173	NA	NA
<u>Radeon HD 7620G + HD 8670M Dual</u>	507	1100	NA	NA
<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	451	1161	NA	NA
<u>Radeon HD 7640G</u>	463	1145	NA	NA
<u>Radeon HD 7640G + 6400M Dual</u>	526	1077	NA	NA
<u>Radeon HD 7640G + 7400M Dual</u>	637	948	NA	NA
<u>Radeon HD 7640G + 7450M Dual</u>	754	827	NA	NA
<u>Radeon HD 7640G + 7470M Dual</u>	595	1000	NA	NA
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	963	NA	NA
<u>Radeon HD 7640G + 7500M/7600M Dual</u>	775	799	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	881	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1095	NA	NA
<u>Radeon HD 7640G + 7650M Dual</u>	747	836	NA	NA
<u>Radeon HD 7640G + 7670M Dual</u>	644	942	NA	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	683	NA	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	894	NA	NA
<u>Radeon HD 7640G + 8500M Dual</u>	585	1013	NA	NA
<u>Radeon HD 7640G + 8570M Dual</u>	558	1041	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	897	NA	NA
<u>Radeon HD 7640G + 8600M Dual</u>	249	1332	NA	NA
<u>Radeon HD 7640G + 8670M Dual</u>	558	1040	NA	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	928	NA	NA
<u>Radeon HD 7640G + HD 7400M Dual</u>	621	968	NA	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1190	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	884	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1204	NA	NA

Radeon HD 7640G + HD 7670M Dual	518	1084	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1003	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	958	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	989	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	917	NA	NA
Radeon HD 7640G + HD 8570M Dual	696	889	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 8600/8700M Dual	586	1012	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	906	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	649	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1038	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	765	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	904	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1193	NA	NA
Radeon HD 7650A	792	788	3.03	\$262.00*
Radeon HD 7650M	507	1099	NA	NA
Radeon HD 7660D	518	1085	NA	NA
Radeon HD 7660D + 6570 Dual	1100	598	NA	NA
Radeon HD 7660D + 6670 Dual	1238	540	NA	NA
Radeon HD 7660D + 7470 Dual	465	1141	NA	NA
Radeon HD 7660D + 7500 Dual	1121	588	NA	NA
Radeon HD 7660D + 7540D Dual	1204	554	NA	NA
Radeon HD 7660D + 7670 Dual	1061	611	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	476	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	955	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1249	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	391	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1080	NA	NA
Radeon HD 7660D + R7 240 Dual	941	686	NA	NA

<u>Radeon HD 7660G</u>	551	1049	NA	NA
<u>Radeon HD 7660G + 7400M Dual</u>	588	1006	NA	NA
<u>Radeon HD 7660G + 7470M Dual</u>	630	959	NA	NA
<u>Radeon HD 7660G + 7600M Dual</u>	831	758	NA	NA
<u>Radeon HD 7660G + 7610M Dual</u>	745	841	NA	NA
<u>Radeon HD 7660G + 7670M Dual</u>	743	843	NA	NA
<u>Radeon HD 7660G + 7700M Dual</u>	757	824	NA	NA
<u>Radeon HD 7660G + 7730M Dual</u>	931	690	NA	NA
<u>Radeon HD 7660G + 8600M Dual</u>	445	1165	NA	NA
<u>Radeon HD 7660G + 8670M Dual</u>	587	1008	NA	NA
<u>Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</u>	1002	645	NA	NA
<u>Radeon HD 7660G + HD 7500/7600 Dual</u>	760	816	NA	NA
<u>Radeon HD 7660G + HD 7500M/7600M Dual</u>	999	648	NA	NA
<u>Radeon HD 7660G + HD 7600M Dual</u>	769	807	NA	NA
<u>Radeon HD 7660G + HD 7600M N HD 7600M Dual</u>	460	1149	NA	NA
<u>Radeon HD 7660G + HD 7670M Dual</u>	706	878	NA	NA
<u>Radeon HD 7660G + HD 7700M Dual</u>	751	829	NA	NA
<u>Radeon HD 7660G + HD 7730M Dual</u>	881	725	NA	NA
<u>Radeon HD 7660G + HD 8500M Dual</u>	758	819	NA	NA
<u>Radeon HD 7660G + HD 8600/8700M Dual</u>	747	837	NA	NA
<u>Radeon HD 7660G + HD 8600M Dual</u>	363	1231	NA	NA
<u>Radeon HD 7660G + HD 8670M Dual</u>	711	875	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</u>	722	859	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7670M Dual</u>	704	883	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</u>	966	667	NA	NA
<u>Radeon HD 7670</u>	1124	586	NA	NA
<u>Radeon HD 7670A</u>	1050	619	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7670M</u>	475	1126	0.76	\$629.99*

<u>Radeon HD 7670M + 7670M Dual</u>	738	850	NA	NA
<u>Radeon HD 7690M</u>	1003	644	NA	NA
<u>Radeon HD 7690M XT</u>	1009	641	NA	NA
<u>Radeon HD 7700-serie</u>	1899	402	NA	NA
<u>Radeon HD 7730</u>	1468	478	29.38	\$49.99*
<u>Radeon HD 7730M</u>	853	743	NA	NA
<u>Radeon HD 7750</u>	1702	437	11.58	\$146.99
<u>Radeon HD 7750M</u>	1191	557	NA	NA
<u>Radeon HD 7770</u>	2044	377	14.07	\$145.32*
<u>Radeon HD 7790</u>	3112	280	17.26	\$180.32*
<u>Radeon HD 7800-serie</u>	4029	219	NA	NA
<u>Radeon HD 7850</u>	3751	235	50.02	\$75.00*
<u>Radeon HD 7850M</u>	1372	500	NA	NA
<u>Radeon HD 7870</u>	4675	184	31.81	\$147.00*
<u>Radeon HD 7870 XT</u>	4469	190	NA	NA
<u>Radeon HD 7870M</u>	1507	472	NA	NA
<u>Radeon HD 7950 / R9 280</u>	4764	179	43.71	\$109.00*
<u>Radeon HD 7970 / R9 280X</u>	5247	164	41.65	\$125.99*
<u>Radeon HD 7970M</u>	4035	217	NA	NA
<u>Radeon HD 7990</u>	5565	152	5.62	\$990.44*
<u>Radeon HD 8180</u>	147	1447	NA	NA
<u>Radeon HD 8210</u>	206	1382	NA	NA
<u>Radeon HD 8210E</u>	193	1398	NA	NA
<u>Radeon HD 8240</u>	257	1325	NA	NA
<u>Radeon HD 8250</u>	257	1326	NA	NA
<u>Radeon HD 8280</u>	319	1271	NA	NA
<u>Radeon HD 8280E</u>	314	1277	NA	NA
<u>Radeon HD 8280G</u>	269	1312	NA	NA
<u>Radeon HD 8310E</u>	340	1248	NA	NA
<u>Radeon HD 8330</u>	224	1355	NA	NA
<u>Radeon HD 8330E</u>	255	1327	NA	NA

Radeon HD 8350	265	1316	11.47	\$23.18*
Radeon HD 8350G	443	1171	NA	NA
Radeon HD 8370D	298	1287	NA	NA
Radeon HD 8400	253	1331	NA	NA
Radeon HD 8400E	339	1250	NA	NA
Radeon HD 8410G	435	1180	NA	NA
Radeon HD 8450G	405	1205	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	606	NA	NA
Radeon HD 8450G + 8600M Dual	545	1058	NA	NA
Radeon HD 8450G + 8670M Dual	474	1128	NA	NA
Radeon HD 8450G + 8750M Dual	637	949	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1159	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1026	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1102	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1017	NA	NA
Radeon HD 8470	341	1246	NA	NA
Radeon HD 8470D	392	1212	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8470D + 6450 Dual	717	870	NA	NA
Radeon HD 8470D + 6570 Dual	837	749	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	733	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	488	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	462	NA	NA
Radeon HD 8490	293	1292	4.91	\$59.68*
Radeon HD 8500M	427	1187	NA	NA
Radeon HD 8500M/8700M	852	745	NA	NA
Radeon HD 8510G	427	1189	NA	NA
Radeon HD 8510G + 8500M Dual	596	998	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	960	NA	NA
Radeon HD 8550D	685	899	NA	NA
Radeon HD 8550G	471	1131	NA	NA

<u>Radeon HD 8550G + 7600M Dual</u>	901	710	NA	NA
<u>Radeon HD 8550G + 8500M Dual</u>	602	995	NA	NA
<u>Radeon HD 8550G + 8570M Dual</u>	532	1074	NA	NA
<u>Radeon HD 8550G + 8600/8700M Dual</u>	802	776	NA	NA
<u>Radeon HD 8550G + 8600M Dual</u>	617	975	NA	NA
<u>Radeon HD 8550G + 8670M Dual</u>	579	1016	NA	NA
<u>Radeon HD 8550G + 8690M Dual</u>	664	919	NA	NA
<u>Radeon HD 8550G + 8750M Dual</u>	795	785	NA	NA
<u>Radeon HD 8550G + HD 7600M Dual</u>	854	742	NA	NA
<u>Radeon HD 8550G + HD 8500M Dual</u>	558	1039	NA	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1076	NA	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	930	NA	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1001	NA	NA
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1057	NA	NA
<u>Radeon HD 8550G + HD 8750M Dual</u>	819	771	NA	NA
<u>Radeon HD 8550G + R5 M200 Dual</u>	619	973	NA	NA
<u>Radeon HD 8550G + R5 M230 Dual</u>	667	914	NA	NA
<u>Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D</u>	611	983	NA	NA
<u>Radeon HD 8570</u>	1096	601	11.11	\$98.68*
<u>Radeon HD 8570 + 8670D Dual</u>	620	971	NA	NA
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	679	NA	NA
<u>Radeon HD 8570D</u>	451	1162	NA	NA
<u>Radeon HD 8570D + 6570 Dual</u>	1239	539	NA	NA
<u>Radeon HD 8570D + 6670 Dual</u>	1039	625	NA	NA
<u>Radeon HD 8570D + HD 6570 Dual</u>	868	730	NA	NA
<u>Radeon HD 8570D + HD 6670 Dual</u>	1260	534	NA	NA
<u>Radeon HD 8570D + HD 7000 Dual</u>	753	828	NA	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	413	NA	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1253	NA	NA
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	627	NA	NA
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1223	NA	NA

<u>Radeon HD 8570D + R5 235 Dual</u>	470	1134	NA	NA
<u>Radeon HD 8570D + R7 200 Dual</u>	999	647	NA	NA
<u>Radeon HD 8570D + R7 240 Dual</u>	963	669	NA	NA
<u>Radeon HD 8570M</u>	502	1103	NA	NA
<u>Radeon HD 8600/8700M</u>	1029	629	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8610G</u>	428	1185	NA	NA
<u>Radeon HD 8610G + 8500M Dual</u>	610	987	NA	NA
<u>Radeon HD 8610G + 8600M Dual</u>	588	1004	NA	NA
<u>Radeon HD 8610G + 8670M Dual</u>	599	997	NA	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	941	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1123	NA	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1018	NA	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	907	NA	NA
<u>Radeon HD 8650D</u>	525	1079	NA	NA
<u>Radeon HD 8650G</u>	587	1009	NA	NA
<u>Radeon HD 8650G + 7600M Dual</u>	741	845	NA	NA
<u>Radeon HD 8650G + 7670M Dual</u>	883	722	NA	NA
<u>Radeon HD 8650G + 7700M Dual</u>	1126	585	NA	NA
<u>Radeon HD 8650G + 8500M Dual</u>	626	965	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	931	NA	NA
<u>Radeon HD 8650G + 8600/8700M Dual</u>	831	756	NA	NA
<u>Radeon HD 8650G + 8600M Dual</u>	613	982	NA	NA
<u>Radeon HD 8650G + 8670M Dual</u>	635	951	NA	NA
<u>Radeon HD 8650G + 8750M Dual</u>	786	790	NA	NA
<u>Radeon HD 8650G + HD 7600M Dual</u>	819	770	NA	NA
<u>Radeon HD 8650G + HD 7670M Dual</u>	634	954	NA	NA
<u>Radeon HD 8650G + HD 8570M Dual</u>	716	871	NA	NA
<u>Radeon HD 8650G + HD 8600/8700M Dual</u>	763	812	NA	NA
<u>Radeon HD 8650G + HD 8600M Dual</u>	606	990	NA	NA
<u>Radeon HD 8650G + HD 8600M N HD 8600M Dual</u>	757	822	NA	NA

<u>Radeon HD 8650G + HD 8670M Dual</u>	585	1014	NA	NA
<u>Radeon HD 8650G + HD 8750M Dual</u>	778	796	NA	NA
<u>Radeon HD 8650G + HD 8790M Dual</u>	799	780	NA	NA
<u>Radeon HD 8650G + R5 M200 Dual</u>	722	860	NA	NA
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	898	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u>	773	804	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</u>	796	784	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	903	NA	NA
<u>Radeon HD 8670D</u>	616	978	NA	NA
<u>Radeon HD 8670D + 6670 Dual</u>	1361	504	NA	NA
<u>Radeon HD 8670D + 7000 Dual</u>	811	773	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	426	NA	NA
<u>Radeon HD 8670D + 8570 Dual</u>	974	661	NA	NA
<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	546	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	869	NA	NA
<u>Radeon HD 8670D + HD 7600 Dual</u>	1317	513	NA	NA
<u>Radeon HD 8670D + HD 7700 Dual</u>	1892	403	NA	NA
<u>Radeon HD 8670D + R5 235 Dual</u>	836	751	NA	NA
<u>Radeon HD 8670D + R5 330 Dual</u>	746	838	NA	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	677	NA	NA
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	634	NA	NA
<u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u>	488	1117	NA	NA
<u>Radeon HD 8670M</u>	520	1083	NA	NA
<u>Radeon HD 8690A</u>	469	1137	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8690M</u>	984	657	NA	NA
<u>Radeon HD 8730M</u>	841	747	NA	NA
<u>Radeon HD 8750M</u>	829	761	NA	NA
<u>Radeon HD 8790M</u>	1305	521	NA	NA
<u>Radeon HD 8790M / R9 M290X</u>	1210	549	NA	NA

<u>Radeon HD 8850M</u>	973	663	NA	NA
<u>Radeon HD 8850M / R9 M265X</u>	1139	574	NA	NA
<u>Radeon HD 8870M</u>	1638	450	NA	NA
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	422	NA	NA
<u>Radeon HD 8950</u>	2990	286	NA	NA
<u>Radeon HD 8970M</u>	3876	228	<u>27.69</u>	<u>\$139.99*</u>
<u>Radeon HD 8990</u>	6583	126	NA	NA
<u>Radeon HD HD7850M</u>	1651	448	NA	NA
<u>Radeon HD4650</u>	239	1343	NA	NA
<u>Radeon HD4670</u>	365	1228	NA	NA
<u>RADEON HD6370D</u>	320	1269	NA	NA
<u>RADEON HD6410D</u>	422	1192	NA	NA
<u>RADEON HD6530D</u>	531	1075	NA	NA
<u>RADEON HD7450</u>	199	1392	<u>8.95</u>	<u>\$22.25*</u>
<u>Radeon HD7570</u>	1028	630	NA	NA
<u>Radeon HD8490</u>	279	1303	NA	NA
<u>Radeon HD8530M</u>	490	1116	NA	NA
<u>Radeon HD8970M</u>	3368	257	NA	NA
<u>Radeon HDG 4670</u>	170	1423	NA	NA
<u>RADEON IGP 320</u>	3	1993	NA	NA
<u>Radeon IGP 320M</u>	3	2000	NA	NA
<u>Radeon IGP 340M</u>	2	2038	NA	NA
<u>RADEON IGP 345M</u>	2	2026	NA	NA
<u>RADEON IGP 34xM</u>	1	2048	NA	NA
<u>RADEON IGP 350M</u>	6	1928	NA	NA
<u>Radeon Infoshock 3000</u>	106	1548	NA	NA
<u>Radeon Instinct MI25 MxGPU</u>	10466	68	NA	NA
<u>Radeon M535DX</u>	749	833	NA	NA
<u>Radeon Pro 450</u>	2722	309	NA	NA
<u>Radeon Pro 455</u>	3112	279	<u>6.93</u>	<u>\$449.00*</u>
<u>Radeon Pro 460</u>	3452	255	NA	NA

Radeon Pro 465	4537	188	NA	NA
Radeon Pro 5300M	6007	141	NA	NA
Radeon Pro 5500M	6945	121	NA	NA
Radeon Pro 555	3140	276	NA	NA
Radeon Pro 560	3475	252	NA	NA
Radeon Pro 560X	3677	237	NA	NA
Radeon Pro 570	6336	132	NA	NA
Radeon Pro 580	7753	110	NA	NA
Radeon Pro 580X	7540	115	NA	NA
Radeon Pro Duo	9436	81	21.02	\$449.00*
Radeon Pro SSG	10497	67	NA	NA
Radeon Pro V340 MxGPU	2853	303	NA	NA
Radeon Pro Vega 16	4682	183	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Vega 20	5838	148	NA	NA
Radeon Pro Vega 48	11872	51	NA	NA
Radeon Pro Vega 56	12209	47	NA	NA
Radeon Pro Vega 64	11455	54	NA	NA
Radeon Pro Vega II	11918	50	NA	NA
Radeon Pro W5500	9436	80	23.59	\$399.99
Radeon Pro W5500M	1813	418	NA	NA
Radeon Pro W5700	13419	34	16.78	\$799.99
Radeon Pro WX 2100	1660	446	NA	NA
Radeon Pro WX 3100	2872	301	NA	NA
Radeon Pro WX 3200	2591	324	13.64	\$189.99*
Radeon Pro WX 4100	3910	226	15.04	\$259.99
Radeon Pro WX 4130	2984	287	NA	NA
Radeon Pro WX 4150	1980	387	NA	NA
Radeon Pro WX 4170	1409	496	NA	NA
Radeon Pro WX 5100	5178	169	14.55	\$355.99
Radeon Pro WX 7100	7889	105	15.78	\$499.99

Radeon Pro WX 7130	2146	365	NA	NA
Radeon Pro WX 8200	13935	30	14.37	\$969.99
Radeon Pro WX 9100	11771	52	NA	NA
Radeon Pro WX Vega M GL	6049	140	NA	NA
Radeon R1E	301	1285	NA	NA
Radeon R2	240	1342	NA	NA
Radeon R2E	213	1376	NA	NA
Radeon R3	312	1279	NA	NA
Radeon R3E	247	1335	NA	NA
Radeon R4	347	1240	NA	NA
Radeon R4E	487	1118	NA	NA
Radeon R5 220	140	1454	1.65	\$85.26*
Radeon R5 230	242	1341	4.04	\$59.99*
Radeon R5 235	312	1278	5.20	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	842	NA	NA
Radeon R5 235 + HD 8570D Dual	737	851	NA	NA
Radeon R5 235X	367	1227	NA	NA
Radeon R5 240	496	1111	8.13	\$61.00*
Radeon R5 310	331	1257	0.66	\$499.00*
Radeon R5 330	634	953	1.87	\$339.99*
Radeon R5 340	1054	615	NA	NA
Radeon R5 420	757	823	18.96	\$39.95*
Radeon R5 430	996	650	1.22	\$819.00*
Radeon R5 A10-9600P 4C+6G	610	984	NA	NA
Radeon R5 A10-9620P 4C+6G	778	795	NA	NA
Radeon R5 A10-9630P 4C+6G	1366	502	NA	NA
Radeon R5 A240	576	1021	NA	NA
Radeon R5 A6-7480	675	909	NA	NA
Radeon R5 A6-8500P	776	798	NA	NA
Radeon R5 A6-9400 RADEON R5_6 COMPUTE CORES 2C+4G	680	902	NA	NA
Radeon R5 A6-9500 2C+6G	706	879	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R5 A6-9500E 2C+4G</u>	1014	639	NA	NA
<u>Radeon R5 M230</u>	443	1170	NA	NA
<u>Radeon R5 M240</u>	556	1043	NA	NA
<u>Radeon R5 M255</u>	575	1023	NA	NA
<u>Radeon R5 M315</u>	470	1133	NA	NA
<u>Radeon R5 M320</u>	458	1151	NA	NA
<u>Radeon R5 M330</u>	595	999	NA	NA
<u>Radeon R5 M335</u>	548	1052	NA	NA
<u>Radeon R5 M420</u>	470	1135	NA	NA
<u>Radeon R5 M430</u>	648	938	NA	NA
<u>Radeon R5 M435</u>	793	787	NA	NA
<u>Radeon R5 Opteron X3216</u>	436	1179	NA	NA
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	822	766	NA	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1098	NA	NA
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	896	NA	NA
<u>Radeon R5 PRO A6-8570 2C+6G</u>	1079	605	NA	NA
<u>Radeon R5 PRO A6-8570E 2C+4G</u>	637	947	NA	NA
<u>Radeon R5 PRO A6-9500 2C+6G</u>	895	714	NA	NA
<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	893	NA	NA
<u>Radeon R5 PRO A6-9500E 2C+4G</u>	722	862	NA	NA
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	722	863	NA	NA
<u>Radeon R5E</u>	338	1252	NA	NA
<u>Radeon R6</u>	552	1048	NA	NA
<u>Radeon R6 + R7 M265DX Dual</u>	570	1029	NA	NA
<u>Radeon R6 A10-8700P</u>	536	1069	NA	NA
<u>Radeon R6 A10-9600P 4C+6G</u>	970	665	NA	NA
<u>Radeon R6 A8-8600P</u>	560	1037	NA	NA
<u>Radeon R6 M255DX</u>	417	1197	NA	NA
<u>Radeon R6 Opteron X3418</u>	955	674	NA	NA
<u>Radeon R6 PRO A10-8700B 4C+6G</u>	616	976	NA	NA

Radeon R6 PRO A8-8600B 4C+6G	459	1150	NA	NA
Radeon R7 + HD 7700 Dual	1962	388	NA	NA
Radeon R7 + R5 330 Dual	1028	631	NA	NA
Radeon R7 + R5 340 Dual	1234	543	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	721	NA	NA
Radeon R7 + R5 Dual	897	713	NA	NA
Radeon R7 + R7 200 Dual	1279	530	NA	NA
Radeon R7 + R7 240 Dual	1045	622	NA	NA
Radeon R7 + R7 250 Dual	1232	544	NA	NA
Radeon R7 + R7 350 Dual	1982	386	NA	NA
Radeon R7 +8G	1190	558	NA	NA
Radeon R7 240	821	768	11.74	\$69.99*
Radeon R7 240 + HD 8570D Dual	917	701	NA	NA
Radeon R7 240 + HD 8670D Dual	930	692	NA	NA
Radeon R7 250	1152	564	19.22	\$59.99*
Radeon R7 250X	2268	351	8.70	\$260.70*
Radeon R7 260	2891	300	32.13	\$89.99*
Radeon R7 260X	3019	284	22.82	\$132.28*
Radeon R7 340	930	691	NA	NA
Radeon R7 360	2983	288	23.87	\$125.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 370	4252	205	NA	NA
Radeon R7 430	1237	541	10.76	\$114.99
Radeon R7 450	1861	407	35.46	\$52.49*
Radeon R7 7850A10-7850K	551	1050	NA	NA
Radeon R7 A10 Extreme Edition	790	789	NA	NA
Radeon R7 A10 PRO-7800B	756	825	NA	NA
Radeon R7 A10 PRO-7850B	962	671	NA	NA
Radeon R7 A10-7700K	662	922	NA	NA
Radeon R7 A10-7800	718	868	NA	NA
Radeon R7 A10-7850K	995	652	NA	NA

<u>Radeon R7 A10-7860K</u>	758	818	NA	NA
<u>Radeon R7 A10-7870K</u>	987	654	NA	NA
<u>Radeon R7 A10-7890K</u>	856	740	NA	NA
<u>Radeon R7 A10-8750</u>	962	670	NA	NA
<u>Radeon R7 A10-8850</u>	1114	594	NA	NA
<u>Radeon R7 A10-9700 RADEON</u>	1145	570	NA	NA
<u>Radeon R7 A10-9700E RADEON</u>	1100	597	NA	NA
<u>Radeon R7 A12-9700P RADEON</u>	724	858	<u>1.66</u>	<u>\$435.92*</u>
<u>Radeon R7 A12-9720P RADEON</u>	804	775	<u>2.20</u>	<u>\$365.48*</u>
<u>Radeon R7 A12-9730P RADEON</u>	861	736	NA	NA
<u>Radeon R7 A12-9800 RADEON</u>	1248	536	NA	NA
<u>Radeon R7 A12-9800E RADEON</u>	1105	595	<u>7.94</u>	<u>\$139.19*</u>
<u>Radeon R7 A265</u>	954	675	NA	NA
<u>Radeon R7 A360</u>	720	865	NA	NA
<u>Radeon R7 A365</u>	781	794	NA	NA
<u>Radeon R7 A370</u>	1281	529	NA	NA
<u>Radeon R7 A8 PRO-7600B</u>	614	980	NA	NA
<u>Radeon R7 A8-7500</u>	1027	632	NA	NA
<u>Radeon R7 A8-7500 4C+6G</u>	853	744	NA	NA
<u>Radeon R7 A8-7600</u>	749	831	NA	NA
<u>Radeon R7 A8-7650K</u>	703	886	NA	NA
<u>Radeon R7 A8-7670K</u>	876	727	NA	NA
<u>Radeon R7 A8-7680</u>	895	715	NA	NA
<u>Radeon R7 A8-8650</u>	912	704	NA	NA
<u>Radeon R7 A8-9600 RADEON</u>	704	885	NA	NA
<u>Radeon R7 FX-8800P</u>	800	779	NA	NA
<u>Radeon R7 FX-9800P RADEON</u>	848	746	<u>1.60</u>	<u>\$530.00*</u>
<u>Radeon R7 FX-9830P RADEON</u>	1790	425	NA	NA
<u>Radeon R7 G</u>	869	729	NA	NA
<u>Radeon R7 M260</u>	495	1113	<u>0.62</u>	<u>\$799.00*</u>
<u>Radeon R7 M260DX</u>	797	783	NA	NA
<u>Radeon R7 M260X</u>	1115	591	NA	NA

Radeon R7 M265	813	772	NA	NA
Radeon R7 M270	775	800	NA	NA
Radeon R7 M340	671	911	NA	NA
Radeon R7 M350	989	653	NA	NA
Radeon R7 M360	523	1081	NA	NA
Radeon R7 M365X	901	709	NA	NA
Radeon R7 M370	1417	494	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M380	1446	484	NA	NA
Radeon R7 M440	907	708	NA	NA
Radeon R7 M445	967	666	1.30	\$744.00*
Radeon R7 M460	1054	616	NA	NA
Radeon R7 M465	1306	518	NA	NA
Radeon R7 M465X	1757	429	NA	NA
Radeon R7 Opteron X3421	1043	623	NA	NA
Radeon R7 PRO A10-8750B	971	664	NA	NA
Radeon R7 PRO A10-8770	949	678	NA	NA
Radeon R7 PRO A10-8770E	881	726	NA	NA
Radeon R7 PRO A10-8850B	945	684	NA	NA
Radeon R7 PRO A10-9700	1263	532	NA	NA
Radeon R7 PRO A10-9700B	757	820	NA	NA
Radeon R7 PRO A10-9700E	1142	573	2.16	\$529.00*
Radeon R7 PRO A12-8800B	610	986	NA	NA
Radeon R7 PRO A12-8830B	882	723	NA	NA
Radeon R7 PRO A12-8870	1375	499	NA	NA
Radeon R7 PRO A12-8870E	1127	584	NA	NA
Radeon R7 PRO A12-9800	1340	508	NA	NA
Radeon R7 PRO A12-9800B	829	762	NA	NA
Radeon R7 PRO A12-9800E	1014	638	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	793	NA	NA
Radeon R7 PRO A8-8650B	619	972	NA	NA

Radeon R7 PRO A8-8670E	1309	515	NA	NA
Radeon R7 PRO A8-9600	1049	621	NA	NA
Radeon R7E	690	895	NA	NA
Radeon R8 M365DX	740	846	NA	NA
Radeon R8 M445DX	794	786	NA	NA
Radeon R8 M535DX	739	848	NA	NA
Radeon R9 255	1304	522	3.79	\$344.16*
Radeon R9 260	3018	285	NA	NA
Radeon R9 270	4212	208	NA	NA
Radeon R9 270 / R7 370	4259	204	25.90	\$164.47*
Radeon R9 270X	4716	182	31.45	\$149.99*
Radeon R9 280	5317	160	NA	NA
Radeon R9 280X	6239	135	NA	NA
Radeon R9 285 / 380	5549	153	12.33	\$449.99*
Radeon R9 290 / 390	8097	100	45.16	\$179.32*
Radeon R9 290X / 390X	8042	101	36.54	\$220.10*
Radeon R9 295X2	7815	108	15.66	\$499.10*
Radeon R9 350	2100	372	20.23	\$103.85*
Radeon R9 360	3031	282	5.84	\$519.00*
Radeon R9 370	4722	181	NA	NA
Radeon R9 380	6094	138	67.73	\$89.99*
Radeon R9 380X	6384	131	14.35	\$445.00*
Radeon R9 390	8788	92	NA	NA
Radeon R9 390X	9658	75	NA	NA
Radeon R9 A375	1024	633	NA	NA
Radeon R9 Fury	9890	72	22.32	\$443.10*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 Fury + Fury X	9816	73	26.24	\$374.10*
Radeon R9 M265X	996	651	NA	NA
Radeon R9 M270X	1444	485	NA	NA
Radeon R9 M275	1114	593	1.59	\$699.99*

Radeon R9 M275X / M375	1205	552	NA	NA
Radeon R9 M280X	1147	568	NA	NA
Radeon R9 M290X	2172	361	NA	NA
Radeon R9 M295X	5150	171	NA	NA
Radeon R9 M360	2007	383	NA	NA
Radeon R9 M365X	1481	477	NA	NA
Radeon R9 M370X	1440	487	NA	NA
Radeon R9 M375	1219	547	NA	NA
Radeon R9 M375X	1693	439	NA	NA
Radeon R9 M380	3050	281	NA	NA
Radeon R9 M385X	1546	461	NA	NA
Radeon R9 M390X	4356	197	NA	NA
Radeon R9 M395	4954	174	NA	NA
Radeon R9 M395X	4329	199	NA	NA
Radeon R9 M470	2435	335	NA	NA
Radeon R9 M470X	3563	245	NA	NA
Radeon R9 M485X	4842	178	NA	NA
Radeon RX 460	4073	216	14.86	\$274.10*
Radeon RX 470	7906	104	79.07	\$99.99*
Radeon RX 480	8529	95	43.03	\$198.25*
Radeon RX 540	1910	400	NA	NA
Radeon RX 550	2395	341	28.19	\$84.99
Radeon RX 5500	7264	117	NA	NA
Radeon RX 5500 XT	8957	90	52.69	\$169.99
Radeon RX 5500M	5491	157	NA	NA
Radeon RX 550X	1673	444	NA	NA
Radeon RX 560	3598	240	27.68	\$129.99
Radeon RX 5600 XT	12879	38	47.70	\$269.99
Radeon RX 560X	3520	247	NA	NA
Radeon RX 570	6967	120	58.07	\$119.99
Radeon RX 5700	14114	29	42.77	\$329.99
Radeon RX 5700 XT	16681	16	43.90	\$379.99

Radeon RX 5700 XT 50th Anniversary	16883	15	NA	NA
Radeon RX 570X	1923	397	NA	NA
Radeon RX 580	8717	93	51.28	\$169.99
Radeon RX 580 2048SP	8219	98	NA	NA
Radeon RX 580X	7798	109	NA	NA
Radeon RX 590	9392	84	62.62	\$149.99*
Radeon RX 640	1127	583	NA	NA
Radeon RX Vega 10	1531	469	NA	NA
Radeon RX Vega 11	2107	370	NA	NA
Radeon RX Vega 11 PRD	2401	339	NA	NA
Radeon RX Vega 56	13146	36	50.56	\$259.99
Radeon RX Vega 64	14842	25	38.06	\$389.99*
Radeon RX Vega 8	1745	430	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega M GH	6632	125	NA	NA
Radeon RX Vega M GL	3686	236	NA	NA
Radeon RX Vega11	1819	417	NA	NA
Radeon RX5600	11251	57	NA	NA
Radeon Sky 500	4889	177	NA	NA
Radeon TM R9 A360	2148	364	NA	NA
Radeon VE	2	2043	NA	NA
Radeon Vega 10	1531	468	NA	NA
Radeon Vega 10 Mobile	1550	460	NA	NA
Radeon Vega 11	1863	406	NA	NA
Radeon Vega 3	928	694	1.93	\$479.99*
Radeon Vega 3 Mobile	954	676	NA	NA
Radeon Vega 6	1191	556	0.66	\$1,799.99*
Radeon Vega 8	1526	470	12.03	\$126.86*
Radeon Vega 8 Mobile	1456	481	NA	NA
Radeon Vega 9	1766	427	NA	NA
Radeon Vega Frontier Edition	11137	61	12.51	\$890.00*

<u>Radeon VII</u>	17223	11	<u>28.71</u>	<u>\$599.99</u>
<u>Radeon X1050</u>	49	1736	NA	NA
<u>Radeon X1200</u>	32	1807	NA	NA
<u>Radeon X1250</u>	37	1779	NA	NA
<u>Radeon X1270</u>	31	1816	NA	NA
<u>Radeon X1300</u>	58	1707	<u>3.44</u>	<u>\$16.99*</u>
<u>Radeon X1300 PRO</u>	84	1615	NA	NA
<u>Radeon X1550</u>	66	1679	<u>0.59</u>	<u>\$113.00*</u>
<u>Radeon X1550 64-bit</u>	47	1740	NA	NA
<u>Radeon X1600</u>	49	1734	NA	NA
<u>Radeon X1600 Pro</u>	98	1570	NA	NA
<u>Radeon X1600 Pro / X1300XT</u>	69	1667	NA	NA
<u>Radeon X1600 XT</u>	115	1520	NA	NA
<u>Radeon X1650 GTO</u>	74	1643	NA	NA
<u>Radeon X1650 Pro</u>	84	1612	<u>0.53</u>	<u>\$160.89*</u>
<u>Radeon X1650 SE</u>	71	1659	NA	NA
<u>Radeon X1700 Targa Edition</u>	116	1518	NA	NA
<u>Radeon X1800 GTO</u>	140	1456	NA	NA
<u>Radeon X1900 CrossFire Edition</u>	137	1466	NA	NA
<u>Radeon X1900 GT</u>	145	1449	NA	NA
<u>Radeon X1950 CrossFire Edition</u>	151	1440	NA	NA
<u>Radeon X1950 GT</u>	106	1549	NA	NA
<u>Radeon X1950 Pro</u>	112	1530	NA	NA
<u>RADEON X300SE</u>	38	1776	NA	NA
<u>RADEON X550</u>	50	1729	NA	NA
<u>RADEON X550XT</u>	56	1717	NA	NA
<u>Radeon X550XTX</u>	70	1660	NA	NA
<u>RADEON X600 256MB HyperMemory</u>	56	1716	NA	NA
<u>RADEON X600XT</u>	91	1595	NA	NA
<u>RADEON X700</u>	72	1653	NA	NA
<u>RADEON X700 PRO</u>	75	1640	NA	NA
<u>RADEON X700 SE</u>	71	1657	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RADEON X800 GT</u>	84	1616	NA	NA
<u>RADEON X800 GTO</u>	76	1638	NA	NA
<u>RADEON X800 PRO</u>	64	1685	NA	NA
<u>RADEON X800 PRO/GTO</u>	73	1650	NA	NA
<u>RADEON X800 SE</u>	129	1480	NA	NA
<u>RADEON X800 XL</u>	69	1666	NA	NA
<u>RADEON X800 XT</u>	97	1578	NA	NA
<u>RADEON X800 XT Platinum Edition</u>	81	1629	NA	NA
<u>RADEON X800GT</u>	79	1634	NA	NA
<u>RADEON X850 PRO</u>	72	1652	NA	NA
<u>RADEON X850 XT</u>	81	1631	NA	NA
<u>RADEON X850 XT Platinum Edition</u>	81	1623	NA	NA
<u>Radeon Xpress 1100</u>	34	1797	NA	NA
<u>Radeon Xpress 1150</u>	29	1823	NA	NA
<u>Radeon Xpress 1200</u>	35	1787	NA	NA
<u>Radeon Xpress 1250</u>	42	1758	NA	NA
<u>Radeon Xpress 1270</u>	26	1834	NA	NA
<u>Radeon Xpress 1300</u>	52	1721	NA	NA
<u>Radeon Xpress 1300M</u>	40	1765	NA	NA
<u>RADEON XPRESS 200</u>	29	1824	NA	NA
<u>RADEON XPRESS 200 CROSSFIRE</u>	18	1866	NA	NA
<u>RADEON XPRESS 200M</u>	22	1853	NA	NA
<u>Radeon. HD 7730M</u>	928	696	NA	NA
<u>RadeonT R5 430</u>	1123	587	NA	NA
<u>RadeonT R7 450</u>	2184	358	NA	NA
<u>RadeonT RX 5500M</u>	3165	273	NA	NA
<u>RadeonT RX 560X</u>	1809	420	NA	NA
<u>Rage 128 Pro</u>	1	2051	NA	NA
<u>RAGE 128 PRO AGP 4X TMDS</u>	1	2053	NA	NA
<u>Rage Fury Pro/Xpert 2000 Pro</u>	3	2014	NA	NA

<u>Red Hat QXL controller</u>	31	1811	NA	NA
<u>RGH Drivers v3</u>	11	1886	NA	NA
<u>RIVA TNT2 Model 64/Model 64 Pro</u>	3	1992	NA	NA
<u>RIVA TNT2/TNT2 Pro</u>	3	2004	NA	NA
<u>RV530 PRO</u>	118	1509	NA	NA
<u>Ryzen 5 2500U with Radeon Vega</u>	1503	473	NA	NA
<u>Ryzen 7 2700U with Radeon Vega</u>	1617	452	NA	NA
<u>S3 Chrome 430 ULP</u>	39	1769	NA	NA
<u>S3 Chrome S25 DDR2</u>	18	1862	NA	NA
<u>S3 Inc. Savage4</u>	3	2012	NA	NA
<u>S3 ProSavageDDR</u>	1	2050	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2045	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	1948	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	1742	NA	NA
<u>SAPPHIRE Radeon X1550</u>	61	1695	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	1533	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	1492	NA	NA
<u>Seria Radeon HD 7700</u>	1603	455	NA	NA
<u>SUMO 9640</u>	650	936	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>SUMO 9644</u>	465	1140	NA	NA
<u>SUMO 964A</u>	497	1107	NA	NA
<u>TENSOR 1.0 Driver Intel HD 630</u>	1299	524	NA	NA
<u>Tesla C2050</u>	3515	248	13.02	\$269.99*
<u>Tesla C2050 / C2070</u>	3428	256	NA	NA
<u>Tesla C2070</u>	3274	266	NA	NA
<u>Tesla C2075</u>	3364	259	9.88	\$340.50*
<u>Tesla M10</u>	3248	267	1.01	\$3,202.21*
<u>Tesla M2070-Q</u>	1305	520	NA	NA
<u>Tesla M6</u>	7621	113	NA	NA
<u>Tesla M60</u>	6923	122	4.96	\$1,395.00*

<u>Tesla P100-PCIE-16GB</u>	7225	118	NA	NA
<u>TITAN RTX</u>	19170	3	7.70	\$2,489.99
<u>TITAN V</u>	18792	5	8.74	\$2,149.99*
<u>TITAN V CEO Edition</u>	16987	14	NA	NA
<u>TITAN Xp COLLECTORS EDITION</u>	17424	9	NA	NA
<u>TRINITY DEVASTATOR MOBILE</u>	699	887	NA	NA
<u>TRINITY SCRAPPER MOBILE</u>	498	1106	NA	NA
<u>V9560XT V62.11</u>	6	1920	NA	NA
<u>Vanta/Vanta LT</u>	3	2016	NA	NA
<u>VIA Chrome9 HC IGP</u>	4	1977	NA	NA
<u>VIA Chrome9 HC IGP Family</u>	3	1990	NA	NA
<u>VIA Chrome9 HC IGP Family WDDM</u>	3	2002	NA	NA
<u>VIA Chrome9 HC IGP Prerelease WDDM 1.1</u>	2	2041	NA	NA
<u>VIA Chrome9 HC IGP WDDM</u>	2	2023	NA	NA
<u>VIA Chrome9 HC IGP WDDM 1.1</u>	2	2024	NA	NA
<u>VIA Chrome9 HC3 IGP</u>	2	2028	NA	NA
<u>VIA Chrome9 HCM IGP</u>	1	2047	NA	NA
<u>VIA Chrome9 HD IGP</u>	10	1889	NA	NA
<u>VIA/S3G C-645/640 GPU</u>	163	1434	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1544	NA	NA
<u>VIA/S3G DeltaChrome IGP</u>	3	2007	NA	NA
<u>VIA/S3G KM400/KN400</u>	4	1983	NA	NA
<u>VIA/S3G UniChrome IGP</u>	4	1978	NA	NA
<u>VIA/S3G UniChrome Pro IGP</u>	4	1962	NA	NA
<u>VIA/S3G UniChromell</u>	5	1930	NA	NA
<u>VisionTek Radeon 4550</u>	280	1302	NA	NA
<u>VisionTek Radeon 7000</u>	1	2046	NA	NA
<u>Wine Display Adapter</u>	261	1321	NA	NA
<u>WinFast A250 LE</u>	4	1957	NA	NA
<u>WinFast GT 610</u>	211	1378	NA	NA
<u>Xabre</u>	5	1949	NA	NA
<u>XFX Radeon HD 4650 AGP</u>	109	1541	NA	NA

XGI Volari Family v1.13.23.D_V	4	1967	NA	NA
ZX Chrome 645/640 GPU	147	1448	NA	NA

* - Last price seen from our affiliates.

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