



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

 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

Power Performance Video Card Chart

2D Graphics Video Card List

Single Video Card

Find Videocard

uhd 630

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (lower is better)	
3DP Edition	826	948	0.71	\$1,159.99*
9xx Soldiers sans frontiers Sigma 2	21	2069	NA	NA
15FF	8229	161	NA	NA
64MB DDR GeForce3 Ti 200	5	2141	NA	NA
64MB GeForce2 MX with TV Out	2	2238	NA	NA
128 DDR Radeon 9700 TX w/TV-Out	44	1963	NA	NA
128 DDR Radeon 9800 Pro	62	1905	NA	NA
128MB DDR Radeon 9800 Pro	66	1893	NA	NA
128MB RADEON X600 SE	49	1944	0.87	\$56.18*
256MB DDR Radeon 9800 XT	37	1991	NA	NA
256MB RADEON X600	67	1887	NA	NA
7900 MOD - Radeon HD 6520G	610	1169	NA	NA
7900 MOD - Radeon HD 6550D	892	901	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1556	NA	NA
A10-8700P	513	1280	NA	NA
ABIT Siluro T400	3	2193	NA	NA
ALL-IN-WONDER 9000	4	2160	NA	NA
ALL-IN-WONDER 9800	23	2062	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2145	NA	NA
ALL-IN-WONDER X800 GT	84	1825	NA	NA
All-in-Wonder X1800XL	30	2032	NA	NA

<u>All-in-Wonder X1900</u>	127	1692	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
AMICAMEB11K124B1ForVideocad	higher is	(lower is better)	higher is	(USD)
ASUS A7000	9	2105	NA	NA
<u>ASUS AGP-V3800PRO v31.40H</u>	4	2179	NA	NA
<u>ASUS EAH4870x2</u>	496	1298	NA	NA
<u>Asus GTX 650 FML II EC-EGPU</u>	720	1049	NA	NA
ASUS V9520-X V62.11	7	2116	NA	NA
<u>B8DKMDAP</u>	4557	263	NA	NA
<u>Barco MXRT 1450</u>	205	1577	NA	NA
<u>Barco MXRT 2600</u>	900	898	4.52	\$199.00*
<u>Barco MXRT 5400</u>	1161	753	5.72	\$203.00*
<u>Barco MXRT 5450</u>	1079	787	5.40	\$199.99*
<u>Barco MXRT 5500</u>	2701	405	9.04	\$299.00*
<u>Barco MXRT 7100</u>	180	1607	NA	NA
<u>Barco MXRT 7400</u>	900	897	9.10	\$99.00*
<u>Barco MXRT 7500</u>	4319	278	14.45	\$299.00*
<u>Barco MXRT 7600</u>	4943	249	8.20	\$602.99*
<u>BASICDISPLAY</u>	69	1876	NA	NA
<u>CARRIZO 9874</u>	246	-1	NA	NA
<u>Citrix Indirect Display Adapter</u>	4446	271	NA	NA
<u>CONNECT 3D RADEON X300</u>	36	1996	NA	NA
<u>Dell 8100</u>	2	2244	0.00	\$999.11*
<u>Dell 8200</u>	4	2181	NA	NA
<u>Diamond X1300-PCIE 256MB</u>	70	1874	NA	NA
<u>EAH5450</u>	134	1678	1.22	\$109.99*
<u>EG PARK</u>	141	-1	NA	NA
<u>EIZO MED-X5000</u>	3038	-1	NA	NA
<u>EIZO Quadro MED-XN51LP</u>	4955	248	NA	NA
<u>Embedded Radeon E9173</u>	1798	587	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Extreme AX850 PRO</u>	120	1713	NA	NA
<u>Familia Intel Q33 Express Chipset</u>	10	2102	NA	NA
<u>Famille de jeu de puces Express Intel 946GZ</u>	7	2119	NA	NA
<u>FireGL T2 428</u>	20	2020	NA	NA

<u>FireGL 12-120</u>	3D Passmark G3D	2023 Rank	NA Videocard	NA
Videocard Name	Mark Higher is	Rank Lower is	Value Higher is	Price NA
<u>FireGL V3100</u>	52	1921	NA	NA
<u>FireGL V3300</u>	70	1873	NA	NA
<u>FireGL V3350</u>	68	1881	NA	NA
<u>FireGL V3400</u>	103	1771	NA	NA
<u>FireGL V3600</u>	179	1608	1.12	\$160.99*
<u>FireGL V5100</u>	92	1802	0.81	\$114.96*
<u>FireGL V5200</u>	114	1733	NA	NA
<u>FireGL V5600</u>	341	1443	NA	NA
<u>FireGL V7100</u>	71	1865	NA	NA
<u>FireGL V7200</u>	116	1726	NA	NA
<u>FireGL V7300</u>	128	1688	0.11	\$1,189.99*
<u>FireGL V7350</u>	110	1748	1.23	\$89.99*
<u>FireGL V7600</u>	615	1166	NA	NA
<u>FireGL V7700</u>	660	1103	9.43	\$69.99*
<u>FireGL V8600</u>	838	937	NA	NA
<u>FireGL V8650</u>	550	1236	3.44	\$159.99*
<u>FireGL X1</u>	59	1913	NA	NA
<u>FireMV 2200 PCI</u>	1	2261	NA	NA
<u>FireMV 2200 PCIe</u>	36	1998	0.40	\$89.99*
<u>FireMV 2250</u>	45	1953	0.44	\$104.00*
<u>FireMV 2260</u>	117	1720	0.81	\$145.00*
<u>FireMV 2400 PCIe</u>	11	2097	NA	NA
<u>FireMV 2450</u>	73	1858	NA	NA
<u>FirePro 3D V3700</u>	178	1610	2.10	\$84.99*
<u>FirePro 3D V3750</u>	341	1442	6.71	\$50.88*
<u>FirePro 3D V3800</u>	472	1322	3.15	\$149.99*
<u>FirePro 3D V4800</u>	853	926	5.33	\$159.99*
<u>FirePro 3D V5700</u>	546	1240	1.71	\$319.99*
<u>FirePro 3D V5800</u>	1231	729	6.04	\$204.00*
<u>FirePro 3D V7750</u>	545	1245	1.56	\$350.00*
<u>FirePro 3D V7800</u>	1867	567	3.11	\$599.99*
<u>FirePro 3D V8700</u>	1206	736	7.47	\$161.48*
<u>FirePro 3D V8750</u>	1271	713	1.03	\$1,230.99*

FirePro 3D V8800	2437	448	5.74	\$424.99*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V8800	2437	448	5.74	\$424.99*
FirePro 2270	150	1643	1.07	\$140.00*
FirePro 2450	51	1935	0.57	\$89.99*
FirePro 2460	170	1622	2.03	\$83.99*
FirePro M2000	400	1399	NA	NA
FirePro M4000	1596	633	21.92	\$72.83*
FirePro M4000 Mobility Pro	1615	627	NA	NA
Firepro M4100	1059	796	NA	NA
FirePro M4150	999	826	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4170	1067	789	NA	NA
FirePro M5100	2102	510	NA	NA
FirePro M5100 FireGL V	1839	573	NA	NA
FirePro M5950	1314	699	NA	NA
FirePro M6000	1820	578	9.43	\$192.99*
FirePro M6000 Mobility Pro	1708	607	NA	NA
FirePro M6100	2031	523	NA	NA
FirePro M6100 FireGL V	2656	412	NA	NA
FirePro M7740	665	1098	NA	NA
FirePro M40003	1364	686	NA	NA
FirePro R5000	2646	414	24.06	\$109.99*
FirePro RG220	335	1449	0.52	\$650.18*
FirePro S7000	4166	287	16.90	\$246.54*
FirePro S7150	6276	208	3.69	\$1,698.99*
FirePro S9000	5059	245	NA	NA
FirePro S9050	4901	251	NA	NA
FirePro S10000	5315	235	NA	NA
FirePro V3800	332	1451	2.66	\$124.99*
FirePro V3900	661	1101	2.78	\$238.44*
FirePro V4900	975	842	6.50	\$149.99*
FirePro V5700	464	1336	NA	NA
FirePro V5800	1185	745	22.37	\$53.00*
FirePro V5900	1270	714	14.78	\$86.00*

<u>FirePro V7000</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>FirePro V7900</u>	2309	470	12.16	\$190.00*
<u>FirePro V8700</u>	1538	649	9.75	\$157.88*
<u>FirePro V8800</u>	2223	484	11.23	\$198.00*
<u>FirePro V9800</u>	2726	400	9.81	\$278.00*

<u>FirePro W600</u>	1751	598	4.22	\$414.99*
<u>FirePro W2100</u>	888	904	15.06	\$59.00*
<u>FirePro W4100</u>	1544	646	8.40	\$184.00*
<u>FirePro W4170M</u>	954	856	NA	NA
<u>Firepro W4190M</u>	1085	783	NA	NA
<u>FirePro W4300</u>	2734	398	11.39	\$239.99*
<u>FirePro W5000</u>	3042	365	33.07	\$92.00*
<u>FirePro W5100</u>	2955	375	8.59	\$344.00*
<u>FirePro W5130M</u>	1347	691	NA	NA
<u>Firepro W5170M</u>	1579	636	NA	NA
<u>FirePro W6150M</u>	1515	656	NA	NA
<u>FirePro W7000</u>	4275	282	12.61	\$338.99*
<u>FirePro W7000 Adapter</u>	4339	276	NA	NA
<u>FirePro W7100</u>	5174	240	7.00	\$738.99*
<u>FirePro W7170M</u>	3849	306	NA	NA
<u>FirePro W8000</u>	4137	289	7.28	\$568.00*
<u>FirePro W8100</u>	7327	184	10.41	\$704.00*
<u>FirePro W9000</u>	6138	211	7.26	\$845.00*
<u>FirePro W9100</u>	7750	176	4.48	\$1,730.00*
<u>FireStream 9170</u>	647	1115	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>FireStream 9250</u>	1164	752	NA	NA
<u>FireStream 9270</u>	1341	693	NA	NA
<u>FireStream 9370</u>	2528	436	NA	NA
<u>GeCube RADEON 7000</u>	8	2107	NA	NA
<u>GeForce2 Go</u>	4	2185	NA	NA
<u>GeForce2 GTS/GeForce2 Pro</u>	3	2190	NA	NA
<u>GeForce2 Integrated GPU</u>	4	2180	NA	NA

<u>GeForce2 MX</u> Videocard Name	Passmark G3D 2 Mark (higher is	Rank 2200 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>GeForce2 MX with DVI-D and TV-out</u>	4	2164	NA	NA
<u>GeForce2 MX/MX 400</u>	3	2192	NA	NA
<u>GeForce2 Ti</u>	4	2172	NA	NA
<u>GeForce2 Ultra</u>	6	2130	NA	NA
<u>GeForce3</u>	4	2161	NA	NA
<u>GeForce3 Ti 200</u>	4	2187	NA	NA
<u>GeForce3 Ti 500</u>	2	2240	NA	NA
<u>GeForce4 420 Go</u>	3	2210	NA	NA
<u>GeForce4 420 Go 32M</u>	5	2150	NA	NA
<u>GeForce4 440</u>	4	2158	NA	NA
<u>GeForce4 440 Go</u>	3	2198	NA	NA
<u>GeForce4 440 Go 64M</u>	5	2136	NA	NA
<u>GeForce4 448 Go</u>	5	2147	NA	NA
<u>GeForce4 4200 Go</u>	3	2191	NA	NA
<u>GeForce4 MX 420</u>	4	2165	NA	NA
<u>GeForce4 MX 440</u>	4	2175	NA	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	2162	NA	NA
<u>GeForce4 MX 440SE</u>	4	2174	NA	NA
<u>GeForce4 MX 460</u>	4	2184	NA	NA
<u>GeForce4 MX 4000</u>	4	2178	NA	NA
<u>GeForce4 MX Integrated GPU</u>	6	2128	NA	NA
<u>GeForce4 Ti 4200</u>	5	2146	NA	NA
<u>GeForce4 Ti 4400</u>	7	2121	NA	NA
<u>GeForce4 Ti 4600</u>	5	2148	0.10	\$53.99*
<u>GeForce4 Ti 4800</u>	5	2138	NA	NA
<u>GeForce4 Ti 4800 SE</u>	6	2124	NA	NA
<u>GeForce9400M</u>	105	1762	NA	NA
<u>GeForce 205</u>	126	1695	NA	NA
<u>GeForce 210</u>	97	1788	1.48	\$65.99*
<u>GeForce 240M GT</u>	319	1468	NA	NA
<u>GeForce 256</u>	5	2155	0.12	\$42.04*
<u>GeForce 305M</u>	150	1642	NA	NA

GeForce 310	121	1710	1.12	\$108.35*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 310M	116	1724	NA	NA
GeForce 315M	218	1559	NA	NA
GeForce 405	121	1707	4.94	\$24.64*
GeForce 410M	249	1529	NA	NA
GeForce 505	186	1602	1.62	\$115.06*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 510	256	1523	3.67	\$69.99*
GeForce 605	307	1477	2.24	\$136.83*
GeForce 610M	292	1490	NA	NA
GeForce 615	551	1234	NA	NA
GeForce 705M	455	1343	NA	NA
GeForce 710A	451	1350	NA	NA
GeForce 710M	446	1355	NA	NA
GeForce 720A	724	1044	NA	NA
GeForce 730A	769	996	NA	NA
GeForce 770M	3245	347	18.34	\$176.99*
GeForce 800A	428	1373	NA	NA
GeForce 800M	468	1328	NA	NA
GeForce 810A	622	1152	NA	NA
GeForce 810M	401	1397	NA	NA
GeForce 820A	568	1219	NA	NA
GeForce 820M	510	1283	NA	NA
GeForce 825M	768	998	NA	NA
GeForce 830A	1004	822	NA	NA
GeForce 830M	979	839	NA	NA
GeForce 840A	1179	748	NA	NA
GeForce 840M	1067	790	NA	NA
GeForce 845M	1429	672	NA	NA
GeForce 910M	578	1203	NA	NA
GeForce 920A	871	914	NA	NA
GeForce 920M	724	1045	NA	NA
GeForce 920MX	1090	781	NA	NA

<u>GeForce 930A</u> Videocard Name	Passmark G3D 1081 Mark (higher is better)	Rank 765 (lower is better)	Videocard NA Value (higher is better)	Price NA (USD)
<u>GeForce 930MX</u>	1302	706	NA	NA
<u>GeForce 940A</u>	1144	759	NA	NA
<u>GeForce 940M</u>	1102	776	NA	NA
<u>GeForce 940MX</u>	1507	658	NA	NA

<u>GeForce 945A</u>	1852	569	NA	NA
<u>GeForce 945M</u>	1944	550	NA	NA
<u>GeForce 999 GTX</u>	83	1828	NA	NA
<u>GeForce 6100</u>	27	2041	NA	NA
<u>GeForce 6100 nForce 400</u>	25	2050	NA	NA
<u>GeForce 6100 nForce 405</u>	22	2067	NA	NA
<u>GeForce 6100 nForce 420</u>	25	2049	NA	NA
<u>GeForce 6100 nForce 430</u>	23	2064	NA	NA
<u>GeForce 6150</u>	21	2068	0.07	\$329.00*
<u>GeForce 6150 LE</u>	33	2016	NA	NA
<u>GeForce 6150SE</u>	24	2054	NA	NA
<u>GeForce 6150SE nForce 430</u>	30	2033	NA	NA
<u>GeForce 6200</u>	35	2002	0.28	\$125.00*
<u>GeForce 6200 A-LE</u>	32	2024	NA	NA
<u>GeForce 6200 LE</u>	31	2026	0.75	\$41.24*
<u>GeForce 6200 TurboCache</u>	45	1954	NA	NA
<u>GeForce 6200A</u>	3	2201	0.07	\$54.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 6200SE TurboCache</u>	37	1994	NA	NA
<u>GeForce 6500</u>	38	1987	NA	NA
<u>GeForce 6600</u>	90	1812	0.34	\$264.00*
<u>GeForce 6600 GT</u>	137	1670	2.11	\$64.95*
<u>GeForce 6600 LE</u>	51	1934	NA	NA
<u>GeForce 6610 XL</u>	88	1816	NA	NA
<u>GeForce 6700 XL</u>	95	1792	NA	NA
<u>GeForce 6800</u>	112	1739	0.20	\$559.29*
<u>GeForce 6800 GS</u>	195	1592	NA	NA
<u>GeForce 6800 GS/XT</u>	102	1773	NA	NA

<u>GeForce 6800 GT</u> Videocard Name	Passmark G3D 142 Mark (higher is	Rank 1334 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>GeForce 6800 Ultra</u>	138	1666	NA	NA
<u>GeForce 6800 XE</u>	58	1914	NA	NA
<u>GeForce 6800 XT</u>	128	1689	NA	NA
<u>GeForce 7000M</u>	13	2091	NA	NA

<u>GeForce 7000M / nForce 610M</u>	12	2092	NA	NA
<u>GeForce 7025 / nForce 630a</u>	33	2013	NA	NA
<u>GeForce 7050 / nForce 610i</u>	24	2056	NA	NA
<u>GeForce 7050 / nForce 620i</u>	39	1984	NA	NA
<u>GeForce 7050 / nForce 630i</u>	37	1990	NA	NA
<u>GeForce 7050 PV / nForce 630a</u>	30	2030	NA	NA
<u>GeForce 7100 / nForce 620i</u>	26	2045	NA	NA
<u>GeForce 7100 / nForce 630i</u>	35	2003	NA	NA
<u>GeForce 7100 GS</u>	51	1931	NA	NA
<u>GeForce 7150 / nForce 630i</u>	33	2019	NA	NA
<u>GeForce 7150M / nForce 630M</u>	18	2077	NA	NA
<u>GeForce 7200 GS</u>	23	2063	NA	NA
<u>GeForce 7300 GS</u>	81	1837	NA	NA
<u>GeForce 7300 GT</u>	137	1669	0.92	\$149.99*
<u>GeForce 7300 LE</u>	77	1847	2.43	\$32.00*
<u>GeForce 7300 SE</u>	39	1983	NA	NA
<u>GeForce 7300 SE/7200 GS</u>	49	1942	NA	NA
<u>GeForce 7350 LE</u>	74	1857	NA	NA
<u>GeForce 7500 LE</u>	65	1894	NA	NA
<u>GeForce 7600 GS</u>	157	1630	0.90	\$175.00*
<u>GeForce 7600 GT</u>	203	1581	1.02	\$199.00*
<u>GeForce 7650 GS</u>	134	1679	NA	NA
<u>GeForce 7800 GS</u>	177	1611	NA	NA
<u>GeForce 7800 GT</u>	244	1533	3.05	\$80.00*
<u>GeForce 7800 GTX</u>	290	1493	NA	NA
<u>GeForce 7900 GS</u>	253	1526	NA	NA
<u>GeForce 7900 GT</u>	258	1521	1.30	\$199.00*
<u>GeForce 7900 GT/GTO</u>	247	1532	NA	NA

GeForce 7900 GTX	387	1408	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price
GeForce 7950 GT	287	1497	NA	NA
GeForce 8100 / nForce 720a	79	1846	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8200	153	1638	NA	NA
GeForce 8200M G	71	1866	NA	NA
GeForce 8300	101	1777	4.48	\$22.68*
GeForce 8300 GS	66	1889	NA	NA
GeForce 8400	81	1840	0.14	\$589.99*
GeForce 8400 GS	128	1687	1.49	\$85.97*
GeForce 8400 SE	68	1883	NA	NA
GeForce 8400M G	58	1915	NA	NA
GeForce 8400M GS	98	1784	1.25	\$78.20*
GeForce 8400M GT	63	1900	NA	NA
GeForce 8500 GT	117	1721	NA	NA
GeForce 8600 GS	91	1807	NA	NA
GeForce 8600 GT	116	1727	0.56	\$209.00*
GeForce 8600 GTS	160	1628	0.66	\$244.00*
GeForce 8600M GS	73	1860	NA	NA
GeForce 8600M GT	89	1815	0.82	\$108.10*
GeForce 8700M GT	124	1698	NA	NA
GeForce 8800 GS	332	1452	NA	NA
GeForce 8800 GT	518	1275	3.14	\$165.00*
GeForce 8800 GTS	446	1356	5.58	\$79.99*
GeForce 8800 GTS 512	589	1189	NA	NA
GeForce 8800 GTX	597	1183	2.99	\$199.99*
GeForce 8800 Ultra	638	1123	NA	NA
GeForce 8800M GTS	382	1412	NA	NA
GeForce 8800M GTX	462	1338	NA	NA
GeForce 9100	81	1833	NA	NA
GeForce 9100M G	74	1856	NA	NA
GeForce 9200	170	1620	NA	NA

GeForce 9200M GE	156	1632	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9200M GS	171	1715	NA	NA
GeForce 9300 / nForce 730i	128	1686	NA	NA
GeForce 9300 GE	84	1821	3.70	\$22.99*
GeForce 9300 GS	71	1870	1.19	\$59.95*
GeForce 9300 SE	81	1838	NA	NA
GeForce 9300GE	97	1786	1.01	\$97.20*
GeForce 9300M G	84	1824	NA	NA
GeForce 9300M GS	92	1806	2.12	\$43.42*
GeForce 9400	118	1718	NA	NA
GeForce 9400 GT	105	1763	0.66	\$160.00*
GeForce 9400M	74	1854	NA	NA
GeForce 9400M G	67	1886	NA	NA
GeForce 9450	104	1764	NA	NA
GeForce 9500 GS	157	1631	NA	NA
GeForce 9500 GT	134	1676	1.57	\$85.99*
GeForce 9500M	103	1770	1.02	\$101.20*
GeForce 9500M G	121	1708	NA	NA
GeForce 9500M GS	103	1768	NA	NA
GeForce 9600 GS	279	1504	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600 GSO	349	1438	7.00	\$49.99*
GeForce 9600 GSO 512	345	1440	NA	NA
GeForce 9600 GT	504	1292	7.20	\$69.99*
GeForce 9600M GS	119	1715	NA	NA
GeForce 9600M GT	131	1681	1.69	\$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1488	NA	NA
GeForce 9650M GS	270	1508	NA	NA
GeForce 9650M GT	140	1662	1.20	\$117.30*
GeForce 9700M GT	216	1561	NA	NA
GeForce 9700M GTS	325	1461	NA	NA
GeForce 9800 GT	481	1311	6.02	\$79.99*
GeForce 9800 GT 1024MB	134	1677	NA	NA
GeForce 9800 GTX	769	997	8.55	\$89.99*

<u>GeForce 9800 GTX+</u> Videocard Name	Passmark G3D 538 Mark (higher is	Rank 1254 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>GeForce 9800 GX2</u>	797	967	4.09	\$195.00*
<u>GeForce 9800 S</u>	635	1129	NA	NA
<u>GeForce 9800M GS</u>	460	1340	NA	NA
<u>GeForce 9800M GT</u>	424	1375	NA	NA
<u>GeForce 9800M GTS</u>	378	1413	NA	NA
<u>GeForce 9800M GTX</u>	461	1339	1.41	\$328.50*
<u>GeForce FX 5100</u>	7	2115	NA	NA
<u>GeForce FX 5200</u>	7	2118	0.06	\$129.00*
<u>GeForce FX 5200 Ultra</u>	12	2095	NA	NA
<u>GeForce FX 5200LE</u>	7	2122	0.16	\$42.99*
<u>GeForce FX 5200SE</u>	11	2096	NA	NA
<u>GeForce FX 5500</u>	8	2110	0.05	\$153.97*
<u>GeForce FX 5600</u>	12	2093	NA	NA
<u>GeForce FX 5600 Ultra</u>	17	2083	NA	NA
<u>GeForce FX 5600XT</u>	9	2106	NA	NA
<u>GeForce FX 5700</u>	40	1972	NA	NA
<u>GeForce FX 5700 Ultra</u>	34	2010	NA	NA
<u>GeForce FX 5700LE</u>	24	2055	NA	NA
<u>GeForce FX 5700VE</u>	33	2018	NA	NA
<u>GeForce FX 5900</u>	34	2007	NA	NA
<u>GeForce FX 5900 Ultra</u>	41	1970	NA	NA
<u>GeForce FX 5900XT</u>	40	1976	NA	NA
<u>GeForce FX 5900ZT</u>	32	2021	NA	NA
<u>GeForce FX 5950 Ultra</u>	59	1912	NA	NA
<u>GeForce FX Go5300</u>	12	2094	NA	NA
<u>GeForce FX Go5650</u>	16	2084	NA	NA
<u>GeForce FX Go5700</u>	51	1933	NA	NA
<u>GeForce FX Go 5200</u>	8	2108	NA	NA
<u>GeForce FX Go 5600</u>	17	2081	NA	NA
<u>GeForce G100</u>	140	1657	7.05	\$19.99*
<u>GeForce G102M</u>	93	1797	NA	NA
<u>GeForce G105M</u>	108	1756	NA	NA

GeForce G200	199	1585	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price
GeForce G200M	Higher is better	Lower is better	Higher is better	USD

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G210	103	1769	0.85	\$122.12*
GeForce G210M	122	1706	NA	NA
GeForce G 103M	61	1906	NA	NA

GeForce G 105M	65	1897	NA	NA
GeForce Go 6100	17	2080	NA	NA
GeForce Go 6150	19	2073	NA	NA
GeForce Go 6200	15	2087	NA	NA
GeForce Go 6400	24	2057	NA	NA
GeForce Go 6600	69	1877	NA	NA
GeForce Go 6600 TE/6200 TE	44	1959	NA	NA
GeForce Go 6800	106	1761	NA	NA
GeForce Go 6800 Ultra	137	1668	NA	NA
GeForce Go 7200	45	1956	NA	NA
GeForce Go 7300	52	1929	NA	NA
GeForce Go 7400	65	1895	NA	NA
GeForce Go 7600	127	1690	NA	NA
GeForce Go 7600 GT	210	1569	NA	NA
GeForce Go 7700	147	1648	NA	NA
GeForce Go 7800	114	1732	NA	NA
GeForce Go 7800 GTX	209	1570	NA	NA
GeForce Go 7900 GS	176	1612	NA	NA
GeForce Go 7900 GTX	270	1507	NA	NA
GeForce Go 7950 GTX	263	1516	NA	NA
GeForce GPU	1237	725	NA	NA
GeForce GT625M	493	1301	NA	NA
GeForce GT 120	174	1614	5.82	\$29.99*
GeForce GT 120 / 9500 GT	324	1462	NA	NA
GeForce GT 120M	265	1515	NA	NA
GeForce GT 130	347	1439	2.30	\$151.34*
GeForce GT 130M	145	1652	NA	NA
GeForce GT 140	657	1106	NA	NA

GeForce GT 220	209	1572	5.23	\$39.99*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price
GeForce GT 220M	1700	1700	NA	NA
GeForce GT 230M	200	1583	NA	NA
GeForce GT 240	543	1249	4.35	\$125.00*
GeForce GT 240M	206	1575	NA	NA
GeForce GT 320	444	1360	13.59	\$32.69*
GeForce GT 320M	106	1758	NA	NA
GeForce GT 325M	170	1619	NA	NA
GeForce GT 330	421	1382	10.55	\$39.99*
GeForce GT 330M	209	1571	NA	NA
GeForce GT 335M	399	1400	NA	NA
GeForce GT 340	774	986	14.62	\$52.99*
GeForce GT 415	247	1531	NA	NA
GeForce GT 415M	286	1499	NA	NA
GeForce GT 420	411	1387	2.66	\$155.00*
GeForce GT 420M	418	1385	NA	NA
GeForce GT 425M	516	1278	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 430	598	1181	3.42	\$175.00*
GeForce GT 435M	521	1271	NA	NA
GeForce GT 440	765	1001	3.53	\$217.00*
GeForce GT 445M	880	911	NA	NA
GeForce GT 520	295	1485	0.97	\$304.00*
GeForce GT 520M	289	1494	9.67	\$29.95*
GeForce GT 520MX	291	1492	NA	NA
GeForce GT 525M	459	1342	NA	NA
GeForce GT 530	675	1092	13.79	\$49.00*
GeForce GT 540M	495	1299	5.63	\$87.95*
GeForce GT 545	1084	784	19.50	\$55.59*
GeForce GT 550M	579	1201	NA	NA
GeForce GT 555M	682	1081	3.85	\$177.20*
GeForce GT 610	302	1479	1.38	\$219.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1421	NA	NA
GeForce GT 620	262	1428	2.26	\$154.00*

<u>GeForce GT 620</u>	303	1420	<u>4.30</u>	<u>\$134.00</u>
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 620M	436	1000	NA	NA
GeForce GT 625M	435	1369	NA	NA
<u>GeForce GT 630</u>	683	1080	<u>4.95</u>	<u>\$137.96*</u>
<u>GeForce GT 630M</u>	547	1238	NA	NA
<u>GeForce GT 635</u>	853	929	<u>12.74</u>	<u>\$66.94*</u>
GeForce GT 635M	565	1220	NA	NA
<u>GeForce GT 640</u>	1180	747	<u>10.73</u>	<u>\$109.99*</u>
<u>GeForce GT 640M</u>	901	894	NA	NA
<u>GeForce GT 640M LE</u>	676	1088	<u>0.80</u>	<u>\$849.99*</u>
<u>GeForce GT 645</u>	2005	530	NA	NA
<u>GeForce GT 645M</u>	958	853	NA	NA
<u>GeForce GT 650M</u>	1202	741	NA	NA
<u>GeForce GT 705</u>	354	1434	NA	NA
<u>GeForce GT 710</u>	638	1124	<u>6.02</u>	<u>\$105.99*</u>
<u>GeForce GT 710M</u>	443	1361	NA	NA
<u>GeForce GT 720</u>	608	1172	<u>6.09</u>	<u>\$99.99*</u>
<u>GeForce GT 720A</u>	600	1178	NA	NA
<u>GeForce GT 720M</u>	465	1331	NA	NA
<u>GeForce GT 730</u>	810	962	<u>7.72</u>	<u>\$104.99</u>
<u>GeForce GT 730A</u>	742	1028	NA	NA
<u>GeForce GT 730M</u>	822	950	NA	NA
<u>GeForce GT 735M</u>	587	1195	NA	NA
<u>GeForce GT 740</u>	1530	652	<u>6.40</u>	<u>\$239.00*</u>
<u>GeForce GT 740A</u>	701	1067	NA	NA
<u>GeForce GT 740M</u>	779	978	NA	NA
<u>GeForce GT 745A</u>	1144	760	NA	NA
<u>GeForce GT 745M</u>	1054	797	NA	NA
<u>GeForce GT 750M</u>	1320	697	NA	NA
<u>GeForce GT 755M</u>	1613	628	NA	NA
<u>GeForce GT 820M</u>	627	1144	NA	NA
<u>GeForce GT 1030</u>	2547	430	<u>19.60</u>	<u>\$129.99</u>
<u>GeForce GTS 150M</u>	504	1291	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 GTS 160M</u> Videocard Name	Passmark G3D 678 Mark (higher is	Rank 1360 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>GeForce GTS 250</u>	619	1160	8.85	\$69.99*
<u>GeForce GTS 250M</u>	569	1217	NA	NA
<u>GeForce GTS 350M</u>	407	1390	NA	NA
<u>GeForce GTS 360M</u>	650	1112	NA	NA
<u>GeForce GTS 450</u>	1314	700	16.43	\$79.99*
<u>GeForce GTX 260</u>	1221	731	13.58	\$89.99*
<u>GeForce GTX 260M</u>	411	1386	NA	NA
<u>GeForce GTX 275</u>	1400	679	3.24	\$431.72*
<u>GeForce GTX 280</u>	1181	746	2.26	\$522.78*
<u>GeForce GTX 280M</u>	621	1155	NA	NA
<u>GeForce GTX 285</u>	1549	644	5.76	\$269.00*
<u>GeForce GTX 285M</u>	675	1093	NA	NA
<u>GeForce GTX 295</u>	1147	758	7.17	\$159.99*
<u>GeForce GTX 460</u>	2282	474	22.83	\$99.99*
<u>GeForce GTX 460 SE</u>	1957	546	12.23	\$159.99*
<u>GeForce GTX 460 v2</u>	2040	520	10.20	\$199.99*
<u>GeForce GTX 460M</u>	1191	743	NA	NA
<u>GeForce GTX 465</u>	2681	409	13.75	\$195.00*
<u>GeForce GTX 470</u>	3151	355	52.53	\$59.99*
<u>GeForce GTX 470M</u>	1953	547	NA	NA
<u>GeForce GTX 480</u>	4111	290	24.19	\$169.99*
<u>GeForce GTX 480M</u>	2050	518	NA	NA
<u>GeForce GTX 485M</u>	2359	460	NA	NA
<u>GeForce GTX 550 Ti</u>	1560	639	6.69	\$233.34*
<u>GeForce GTX 555</u>	1807	583	NA	NA
<u>GeForce GTX 560</u>	2698	406	12.44	\$216.99*
<u>GeForce GTX 560 SE</u>	2087	511	23.19	\$89.99*
<u>GeForce GTX 560 Ti</u>	3052	364	23.49	\$129.99*
<u>GeForce GTX 560M</u>	1259	716	NA	NA
<u>GeForce GTX 570</u>	3887	302	25.92	\$149.99*
<u>GeForce GTX 570M</u>	1922	555	NA	NA
<u>GeForce GTX 580</u>	4537	265	16.20	\$279.99*

GeForce GTX 580M	2373	459	9.54	\$248.68*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
GeForce GTX 580M	2373	459	9.54	\$248.68*
GeForce GTX 650	1766	595	20.78	\$84.99*
GeForce GTX 650 Ti	2524	438	18.04	\$139.99*
GeForce GTX 650 Ti BOOST	3363	339	NA	NA
GeForce GTX 660	4000	294	23.53	\$169.99*
GeForce GTX 660 Ti	4369	273	23.12	\$188.99*
GeForce GTX 660M	1419	676	17.97	\$78.99*
GeForce GTX 670	5328	234	26.64	\$200.00*
GeForce GTX 670M	1775	593	NA	NA
GeForce GTX 670MX	1922	556	NA	NA
GeForce GTX 675M	1919	557	NA	NA
GeForce GTX 675MX	2338	464	NA	NA
GeForce GTX 680	5526	228	22.11	\$249.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 680M	3060	363	22.51	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	321	NA	NA
GeForce GTX 680MX	4270	283	NA	NA
GeForce GTX 690	5654	225	19.63	\$288.00*
GeForce GTX 745	2174	495	7.63	\$285.00*
GeForce GTX 750	3400	333	15.46	\$219.99*
GeForce GTX 750 Ti	3922	298	31.08	\$126.18*
GeForce GTX 760	4773	255	25.94	\$184.00*
GeForce GTX 760 Ti	5188	239	17.44	\$297.50*
GeForce GTX 760 Ti OEM	5427	231	NA	NA
GeForce GTX 760A	1059	795	NA	NA
GeForce GTX 760M	1684	612	NA	NA
GeForce GTX 765M	1970	541	10.58	\$186.30*
GeForce GTX 770	5884	218	23.54	\$249.99*
GeForce GTX 770M	2792	391	20.24	\$138.00*
GeForce GTX 775M	4208	286	NA	NA
GeForce GTX 780	8027	166	28.67	\$279.99*
GeForce GTX 780 Ti	9292	133	27.33	\$339.99*
GeForce GTX 780M	3790	310	7.60	\$499.00*

<u>GeForce GTX 850A</u> Videocard Name	Passmark G3D 1049 Mark (higher is better)	Rank 890 (lower is better)	Videocard NA Value (higher is better)	Price NA (USD)
<u>GeForce GTX 850M - MODDED</u>	1091	780	NA	NA
<u>GeForce GTX 860M</u>	3032	367	26.60	\$114.00*
<u>GeForce GTX 870M</u>	3383	335	NA	NA
<u>GeForce GTX 880M</u>	3910	300	NA	NA

<u>GeForce GTX 950</u>	5397	232	30.46	\$177.21*
<u>GeForce GTX 950A</u>	2539	434	NA	NA
<u>GeForce GTX 950M</u>	2602	422	4.59	\$567.00*
<u>GeForce GTX 960</u>	6045	213	35.15	\$172.00*
<u>GeForce GTX 960A</u>	2410	451	NA	NA
<u>GeForce GTX 960M</u>	3433	330	2.94	\$1,169.00*
<u>GeForce GTX 965M</u>	3895	301	NA	NA
<u>GeForce GTX 970</u>	9692	125	28.81	\$336.39*
<u>GeForce GTX 970M</u>	5788	221	27.56	\$209.99*
<u>GeForce GTX 970XM FORCE</u>	6706	196	NA	NA
<u>GeForce GTX 980</u>	11234	104	41.85	\$268.43*
<u>GeForce GTX 980 Ti</u>	13851	64	19.88	\$696.76*
<u>GeForce GTX 980M</u>	7337	183	25.30	\$289.99*
<u>GeForce GTX 1050</u>	5095	244	18.20	\$279.99*
<u>GeForce GTX 1050 (Mobile)</u>	4461	268	NA	NA
<u>GeForce GTX 1050 Ti</u>	6315	206	29.08	\$217.15
<u>GeForce GTX 1050 Ti (Mobile)</u>	5918	216	NA	NA
<u>GeForce GTX 1050 Ti with Max-Q Design</u>	5359	233	NA	NA
<u>GeForce GTX 1050 with Max-Q Design</u>	3941	296	NA	NA
<u>GeForce GTX 1060</u>	10076	117	17.41	\$578.60*
<u>GeForce GTX 1060 3GB</u>	9725	123	27.87	\$349.00*
<u>GeForce GTX 1060 5GB</u>	8345	159	17.10	\$487.99*
<u>GeForce GTX 1060 (Mobile)</u>	8160	162	NA	NA
<u>GeForce GTX 1060 with Max-Q Design</u>	7915	168	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 1070</u>	13473	71	27.17	\$495.89*
<u>GeForce GTX 1070 (Mobile)</u>	10465	110	NA	NA
<u>GeForce GTX 1070 Ti</u>	14467	57	26.31	\$549.99*



Video Card



<u>GeForce GTX 1070 with Max-Q Design</u> Videocard Name	Passmark G3D 10024 Mark (higher is	Rank (lower is	Videocard NA Value (higher is	NA Price (USD)
<u>GeForce GTX 1080 Ti</u>	18236	27	20.85	\$874.81*
<u>GeForce GTX 1080 with Max-Q Design</u>	11407	100	NA	NA
<u>GeForce GTX 1650</u>	7793	173	35.43	\$219.99
<u>GeForce GTX 1650 (Mobile)</u>	6968	191	NA	NA
<u>GeForce GTX 1650 SUPER</u>	10035	118	18.73	\$535.80*
<u>GeForce GTX 1650 Ti</u>	7491	182	NA	NA
<u>GeForce GTX 1650 Ti with Max-Q Design</u>	6347	204	NA	NA
<u>GeForce GTX 1650 with Max-Q Design</u>	5886	217	NA	NA
<u>GeForce GTX 1660</u>	11683	96	26.94	\$433.62*
<u>GeForce GTX 1660 SUPER</u>	12720	81	29.24	\$434.99
<u>GeForce GTX 1660 Ti</u>	11790	94	28.76	\$409.99
<u>GeForce GTX 1660 Ti (Mobile)</u>	10176	113	NA	NA
<u>GeForce GTX 1660 Ti with Max-Q Design</u>	8634	151	NA	NA
<u>GeForce GTX Titan</u>	8557	155	11.49	\$745.00*
<u>GeForce GTX TITAN Black</u>	9095	138	17.33	\$524.99*
<u>GeForce GTX TITAN X</u>	13056	74	10.84	\$1,203.99*
<u>GeForce GTX TITAN Z</u>	9188	137	6.10	\$1,506.00*
<u>GeForce MX110</u>	1469	666	NA	NA
<u>GeForce MX130</u>	1903	560	NA	NA
<u>GeForce MX150</u>	2313	468	27.73	\$83.42*
<u>GeForce MX230</u>	1892	563	NA	NA
<u>GeForce MX250</u>	2522	439	NA	NA
<u>GeForce MX330</u>	2547	431	NA	NA
<u>GeForce MX350</u>	2861	381	NA	NA
<u>GeForce MX450</u>	3750	312	NA	NA
<u>GeForce MX550</u>	5014	-1	NA	NA
<u>GeForce PCX 5300</u>	6	2132	NA	NA
<u>GeForce PCX 5750</u>	34	2005	NA	NA
<u>GeForce PCX 5900</u>	34	2011	NA	NA
<u>GeForce RTX 2050</u>	8007	-1	NA	NA
<u>GeForce RTX 2060</u>	13927	63	34.82	\$399.99
<u>GeForce RTX 2060 (Mobile)</u>	11354	103	NA	NA

GeForce RTX 2060 SUPER	16492	39	19.37	\$851.39*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
GeForce RTX 2060 with Max-Q Design	12354	86	NA	NA
GeForce RTX 2070 SUPER	18155	29	21.36	\$849.99*
GeForce RTX 2070 Super with Max-Q Design	14362	58	NA	NA

GeForce RTX 2070 with Max-Q Design	12101	89	NA	NA
GeForce RTX 2080	18697	24	23.40	\$799.05*
GeForce RTX 2080 (Mobile)	15107	51	NA	NA
GeForce RTX 2080 SUPER	19497	17	20.64	\$944.46*
GeForce RTX 2080 Super with Max-Q Design	14025	62	NA	NA
GeForce RTX 2080 Ti	21778	9	16.78	\$1,297.98*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 with Max-Q Design	13654	68	6.50	\$2,099.99*
GeForce RTX 3050	12708	82	NA	NA
GeForce RTX 3050 Laptop GPU	9006	140	23.09	\$389.99
GeForce RTX 3050 Ti Laptop GPU	9464	131	NA	NA
GeForce RTX 3060	16881	33	51.31	\$329.00*
GeForce RTX 3060 Laptop GPU	12579	83	21.98	\$572.37
GeForce RTX 3060 Ti	20131	13	30.05	\$669.99
GeForce RTX 3070	22056	8	24.24	\$909.99
GeForce RTX 3070 Laptop GPU	15179	50	NA	NA
GeForce RTX 3070 Ti	23151	6	27.24	\$849.99
GeForce RTX 3070 Ti Laptop GPU	18976	20	NA	NA
GeForce RTX 3080	24737	4	20.63	\$1,199.00
GeForce RTX 3080 Laptop GPU	16554	37	NA	NA
GeForce RTX 3080 Ti	26594	1	19.00	\$1,399.99
GeForce RTX 3080 Ti Laptop GPU	18180	28	NA	NA
GeForce RTX 3090	26300	2	10.52	\$2,499.00
GF117	554	1232	NA	NA
GIGABYTE RADEON 9600 PRO	39	1982	NA	NA
Gigabyte RADEON X300	40	1971	NA	NA
GRID GTX P40-6	4340	275	NA	NA
GRID K1	810	661	2.05	\$205.00*

GRID K1	810 Passmark G3D	901 Rank	4.03 Videocard	\$395.00
Videocard Name	Mark (higher is better)	Rank (lower is better)	Value (higher is better)	Price (USD)
GRID K2	2736	897	0.62	\$4,422.98

GRID K140Q	727	1039	NA	NA
GRID K160Q	628	1140	NA	NA
GRID K180Q	533	1258	NA	NA
GRID K220Q	912	888	NA	NA

GRID K240Q	2541	433	NA	NA
GRID K260Q	2949	376	NA	NA
GRID K280Q	2839	384	NA	NA
GRID K520	3177	351	21.18	\$149.99*
GRID M6-0B	911	889	NA	NA
GRID M6-1Q	2069	514	NA	NA
GRID M6-8Q	3568	322	NA	NA
GRID M10-0Q	913	885	NA	NA
GRID M10-1B	2309	471	NA	NA
GRID M10-1Q	3351	341	NA	NA
GRID M10-2B	2333	465	NA	NA
GRID M10-2Q	2653	413	NA	NA
GRID M10-4Q	3223	348	NA	NA
GRID M10-8Q	2606	421	NA	NA
GRID M60-0B	1838	574	NA	NA
GRID M60-0Q	827	946	NA	NA
GRID M60-1B	4456	270	NA	NA
GRID M60-1Q	4250	285	NA	NA
GRID M60-2Q	4315	279	NA	NA
GRID M60-4Q	3831	308	NA	NA
GRID M60-8A	5523	229	NA	NA
GRID M60-8Q	3883	303	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P6-2Q	3925	297	NA	NA
GRID P6-4Q	4429	272	NA	NA
GRID P40-2B	3354	340	NA	NA
GRID P40-2Q	4287	281	NA	NA
GRID P40-3Q	681	1082	NA	NA

<u>GRID P40-4Q</u> Videocard Name	Passmark G3D 777 Mark (higher is	Bank 932 (lower is	Videocard NA Value (higher is	NA Price (USD)
<u>GRID P100-1B</u>	2223	485	NA	NA
<u>GRID P100-8Q</u>	3841	307	NA	NA
<u>GRID P100-16Q</u>	5944	215	NA	NA
<u>GRID RTX6000P-4Q</u>	4283	-1	NA	NA

<u>GRID RTX6000P-6Q</u>	4777	253	NA	NA
<u>GRID RTX8000-2Q</u>	3574	-1	NA	NA
<u>GRID RTX8000-4Q</u>	3960	-1	NA	NA
<u>GRID RTX8000P-2Q</u>	3843	-1	NA	NA
<u>GRID T4-1Q</u>	2702	404	NA	NA
<u>GRID T4-2B</u>	2601	424	NA	NA
<u>GRID T4-2Q</u>	3031	369	NA	NA
<u>GRID T4-4Q</u>	3405	332	NA	NA
<u>GRID T4-8Q</u>	4283	-1	NA	NA
<u>GRID V100-8Q</u>	16	2085	NA	NA
<u>GRID V100D-8Q</u>	4155	288	NA	NA
<u>GT 430</u>	223	1550	1.56	\$142.88*
<u>HD6450</u>	220	1555	3.40	\$64.99*
<u>HIS DIGITAL HD 4650 AGP</u>	452	1348	NA	NA
<u>IGP 340M</u>	1	2255	NA	NA
<u>Incredible HD</u>	389	1407	NA	NA
<u>Incredible HD 3000</u>	291	-1	NA	NA
<u>Incredible HD 4000</u>	517	1277	NA	NA
<u>Incredible HD 4600</u>	749	1018	NA	NA
<u>Intel 2nd Generation SandyBridge HD</u>	212	1566	NA	NA
<u>Intel 2nd Generation SandyBridge HD 3000</u>	205	1578	NA	NA
<u>Intel 4th Generation Haswell HD</u>	419	1384	NA	NA
<u>Intel 865 Embedded Controller</u>	3	2200	NA	NA
<u>Intel 915G,910G Express</u>	4	2189	NA	NA
<u>Intel 915G/915GV/910GL Embedded Controller Functio</u>	4	2170	NA	NA
<u>Intel 945G Embedded Chipset Function 0</u>	4	2177	NA	NA
<u>Intel 946GZ Embedded Chipset Function 0</u>	3	2215	NA	NA
<u>Intel 946GZ Embedded</u>	3	2215	NA	NA

Intel 946GZ Express	3	2212	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
Intel 82845G Controller	(higher is better)	(lower is better)	(higher is better)	(USD)

Intel 82845G/GL/GE/PE/GV Controller	2	2225	NA	NA
Intel 82852/82855 GM/GME Controller	1	2258	NA	NA
Intel 82865G Controller	4	2169	NA	NA
Intel 82915G Express	5	2142	NA	NA

Intel 82915G/915GV/910GL	3	2199	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2234	NA	NA
Intel 82915G/GV/910GL Express	3	2220	NA	NA
Intel 82945G Express	14	2088	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel 82945G Express-Chipsatzfamilie	8	2113	NA	NA
Intel - Express Chipset G41	56	1923	NA	NA
Intel - Express Chipset Q45/Q43	57	1918	NA	NA
Intel B43 Express Chipset	68	1882	NA	NA
Intel Coffee Lake UHD	1158	755	NA	NA
Intel Extreme Controller	1	2249	NA	NA
Intel G33/G31 Express	88	1817	NA	NA
Intel G35 Express	3090	361	NA	NA
Intel G41 Express Chipset	82	1831	NA	NA
Intel G41 Express-Chipsatz	57	1920	NA	NA
Intel G45/G43 Express Chipset	74	1855	NA	NA
Intel G45/G43/G41 Express Chipset	67	1884	NA	NA
Intel G965 Express	24	2052	NA	NA
Intel GMA 3150 Express	2	2241	NA	NA
Intel Haswell HD - GT1	123	1704	NA	NA
Intel Haswell HD - GT2	139	1664	NA	NA
Intel HD 500	295	1486	NA	NA
Intel HD 505	340	1445	NA	NA
Intel HD 510	619	1159	NA	NA
Intel HD 515	620	1156	NA	NA
Intel HD 520	865	919	NA	NA
Intel HD 530	982	838	NA	NA
Intel HD 610	671	1094	NA	NA

<u>Intel HD 615</u> Videocard Name	Passmark G3D 727 Mark (higher is better)	Rank (lower is better)	Videocard NA Value (higher is better)	Price (USD)
<u>Intel HD 2000</u>	213	1565	NA	NA
<u>Intel HD 3000</u>	257	1522	0.27	\$945.00*
<u>Intel HD 4000</u>	332	1450	0.21	\$1,592.95*
<u>Intel HD 4400</u>	520	1273	NA	NA

<u>Intel HD 4600</u>	625	1149	NA	NA
<u>Intel HD 5000</u>	562	1224	0.90	\$625.00*
<u>Intel HD 5200</u>	830	945	NA	NA
<u>Intel HD 5300</u>	389	1406	NA	NA
<u>Intel HD 5500</u>	581	1200	NA	NA
<u>Intel HD 5600</u>	712	1058	NA	NA
<u>Intel HD 6000</u>	850	932	NA	NA
<u>Intel HD Family</u>	450	1351	NA	NA
<u>Intel HD Graphics 620</u>	920	883	NA	NA
<u>Intel HD manual-15.28-1861</u>	62	1903	NA	NA
<u>Intel HD manual-gen9_2015-133271</u>	165	1625	NA	NA
<u>Intel HD Modded</u>	112	1741	NA	NA
<u>Intel HD P530</u>	1220	733	NA	NA
<u>Intel HD P630</u>	1237	726	NA	NA
<u>Intel HD P3000</u>	296	1484	NA	NA
<u>Intel HD P4000</u>	516	1279	NA	NA
<u>Intel HD P4600</u>	604	1176	NA	NA
<u>Intel HD P4600/P4700</u>	627	1142	NA	NA
<u>Intel i gfx-driver-ci-master-9938</u>	206	-1	NA	NA
<u>Intel i gfx-driver-ci-master-9938 DCH-I</u>	572	-1	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Intel Infoshock HD</u>	193	1593	NA	NA
<u>Intel Iris 540</u>	1256	719	NA	NA
<u>Intel Iris 550</u>	1337	694	NA	NA
<u>Intel Iris 650</u>	1794	589	NA	NA
<u>Intel Iris 5100</u>	761	1006	NA	NA
<u>Intel Iris 6100</u>	904	893	NA	NA
<u>Intel Iris Plus</u>	1849	570	NA	NA

<u>Intel Iris Plus 640</u> Videocard Name	Passmark G3D 1326 Mark (higher is	Rank 596 (lower is	Videocard NA Value (higher is	NA Price (USD)
<u>Intel Iris Plus 650</u>	1597	632	NA	NA
<u>Intel Iris Plus 655</u>	1771	594	NA	NA
<u>Intel Iris Pro 580</u>	1984	533	NA	NA
<u>Intel Iris Pro 5200</u>	1020	815	NA	NA

<u>Intel Iris Pro 6100</u>	925	881	NA	NA
<u>Intel Iris Pro Graphics 6200</u>	1429	674	NA	NA
<u>Intel Iris Pro P580</u>	2168	496	NA	NA
<u>Intel Iris Pro P6300</u>	1653	616	NA	NA
<u>Intel Iris Xe</u>	2797	390	NA	NA
<u>Intel Iris Xe MAX</u>	1972	540	NA	NA
<u>Intel Media Accelerator</u>	32	2020	NA	NA
<u>Intel Media Accelerator 500</u>	3	2207	NA	NA
<u>Intel Media Accelerator 600</u>	6	2123	NA	NA
<u>Intel Media Accelerator 3150</u>	2	2224	NA	NA
<u>Intel Media Accelerator HD</u>	99	1779	NA	NA
<u>Intel Poison Ivy</u>	738	1031	NA	NA
<u>Intel Q33 Express</u>	4	2157	NA	NA
<u>Intel Q35 Embedded</u>	8	2109	NA	NA
<u>Intel Q35 Express</u>	153	1637	NA	NA
<u>Intel Q45/Q43 Express Chipset</u>	142	1655	NA	NA
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	1921	NA	NA
<u>Intel Q965/Q963 Express</u>	313	1472	NA	NA
<u>Intel Skylake HD DT GT2</u>	576	1207	NA	NA
<u>Intel UHD</u>	1602	631	NA	NA
<u>Intel UHD 600</u>	327	1460	NA	NA
<u>Intel UHD 605</u>	373	1419	NA	NA
<u>Intel UHD 610</u>	729	1037	NA	NA
<u>Intel UHD 615</u>	766	1000	NA	NA
<u>Intel UHD 617</u>	848	933	NA	NA
<u>Intel UHD 620</u>	888	903	NA	NA
<u>Intel UHD 630</u>	1302	707	NA	NA
<u>Intel UHD 710</u>	1170	749	NA	NA

Intel UHD 730	1518	654	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD 730	1518	654	NA	NA
Intel UHD Graphics 620	1037	807	NA	NA
Intel UHD P630	2638	416	NA	NA
Intel UHD P750	1754	597	NA	NA
Intel UHD ReleaseInternal	1959	-1	NA	NA

Intel US15 Embedded Media and Controller	7	2120	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ION	85	1820	0.37	\$229.99*
ION LE	97	1785	NA	NA
KV SPECTRE LITE MOBILE 25W	538	1252	NA	NA
LMIMIRR	874	913	NA	NA
M71-M	64	1899	NA	NA
M76M	124	1697	NA	NA
M860G with Mobility Radeon 4100	75	1851	NA	NA
M880G with Mobility Radeon HD 4200	92	1801	NA	NA
M880G with Mobility Radeon HD 4225	71	1868	NA	NA
M880G with Mobility Radeon HD 4250	104	1767	NA	NA
Master X3100 Driver	10	2100	NA	NA
Matrox C420 LP PCIe x16	634	1131	NA	NA
Matrox C680 PCIe x16	1903	559	NA	NA
Matrox C900 PCIe x16	1812	581	NA	NA
Matrox G200e WDDM 1.2	59	1911	NA	NA
Matrox G200e WDDM 2.0	123	1702	NA	NA
Matrox G200eh	40	1974	NA	NA
Matrox G200eh WDDM 1.2	51	1930	NA	NA
Matrox G200eh WDDM 2.0	45	1957	NA	NA
Matrox G200eR	36	1995	NA	NA
Matrox G200eR WDDM 1.2	45	1955	NA	NA
Matrox G200eR WDDM 2.0	67	1885	NA	NA
Matrox G200eW	39	1978	NA	NA
Matrox G200eW3 WDDM 2.0	94	1795	NA	NA
Matrox G200eW WDDM 1.2	50	1939	NA	NA
Matrox M8120 PCIe x16	10	2072	NA	NA



Video Card



<u>MOBILITY FIREGL T2</u> Videocard Name	Passmark G3D 40 Mark (higher is	Rank (lower is	Videocard NA Value (higher is	NA Price (USD)
<u>MOBILITY FireGL V3200</u>	62	1904	NA	NA
<u>MOBILITY FireGL V5000</u>	81	1836	NA	NA
<u>MOBILITY FireGL V5200</u>	44	1958	NA	NA
<u>MOBILITY FireGL V5250</u>	27	2039	NA	NA

<u>Mobility FireGL V5725</u>	219	1558	NA	NA
<u>MOBILITY IGP 9000/9100</u>	10	2101	NA	NA
<u>Mobility Radeon 4100</u>	81	1842	NA	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	2131	NA	NA
<u>MOBILITY RADEON 7500</u>	3	2203	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2213	NA	NA
<u>MOBILITY RADEON 9000 IGP</u>	7	2114	NA	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2143	NA	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2223	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2222	NA	NA
<u>MOBILITY RADEON 9550</u>	30	2031	NA	NA
<u>MOBILITY RADEON 9600</u>	36	1999	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2053	NA	NA
<u>MOBILITY RADEON 9600/9700</u>	39	1981	NA	NA
<u>MOBILITY RADEON 9700</u>	27	2038	NA	NA
<u>MOBILITY RADEON 9800</u>	46	1952	NA	NA
<u>Mobility Radeon HD 530v</u>	174	1613	NA	NA
<u>Mobility Radeon HD 540v</u>	188	1601	NA	NA
<u>Mobility Radeon HD 545v</u>	199	1586	NA	NA
<u>Mobility Radeon HD 550v</u>	266	1514	NA	NA
<u>Mobility Radeon HD 560v</u>	318	1470	NA	NA
<u>Mobility Radeon HD 565v</u>	353	1436	NA	NA
<u>Mobility Radeon HD 2300</u>	50	1937	NA	NA
<u>Mobility Radeon HD 2400</u>	89	1814	NA	NA
<u>Mobility Radeon HD 2400 XT</u>	102	1775	NA	NA
<u>Mobility Radeon HD 2600</u>	167	1623	NA	NA
<u>Mobility Radeon HD 2600 XT</u>	191	1598	NA	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	1746	NA	NA

<u>Mobility Radeon HD 5850</u> Videocard Name	Passmark G3D 763 Mark (higher is better)	Rank 1904 (lower is better)	Videocard NA Value (higher is better)	Price NA (USD)
<u>Mobility Radeon HD serie 4200</u>	96	1790	NA	NA
<u>MOBILITY RADEON X300</u>	33	2014	NA	NA
<u>MOBILITY RADEON X600</u>	50	1938	NA	NA
<u>MOBILITY RADEON X600 SE</u>	49	1941	NA	NA

<u>MOBILITY RADEON X700</u>	66	1888	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	1908	NA	NA
<u>Mobility Radeon X1300</u>	39	1979	NA	NA
<u>Mobility Radeon X1350</u>	39	1977	NA	NA
<u>Mobility Radeon X1400</u>	42	1964	NA	NA
<u>Mobility Radeon X1450</u>	33	2017	NA	NA
<u>Mobility Radeon X1600</u>	92	1804	NA	NA
<u>Mobility Radeon X1700</u>	104	1765	NA	NA
<u>MOBILITY RADEON X1800</u>	130	1682	NA	NA
<u>Mobility Radeon X1900</u>	134	1674	NA	NA
<u>Mobility Radeon X2300</u>	48	1947	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	1945	NA	NA
<u>Mobility Radeon X2500</u>	81	1835	NA	NA
<u>MOBILITY RADEON XPRESS 200</u>	27	2042	NA	NA
<u>Mobility Radeon. HD 5470</u>	215	1563	NA	NA
<u>MOBILITY/RADEON 9000</u>	4	2186	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MONSTER GeForce GTX 675M</u>	2637	417	NA	NA
<u>MxGPU</u>	1826	577	NA	NA
<u>N16P-GX</u>	1204	737	NA	NA
<u>N18E-Q1</u>	2525	437	NA	NA
<u>nForce 750a SLI</u>	83	1830	NA	NA
<u>nForce 760i SLI</u>	140	1663	NA	NA
<u>nForce 780a SLI</u>	92	1805	NA	NA
<u>nForce 980a/780a SLI</u>	81	1839	NA	NA
<u>NV44</u>	15	2086	NA	NA
<u>NVIDIA TITAN X</u>	13659	67	22.46	\$608.10*
<u>NVIDIA TITAN Xp</u>	18280	26	11.11	\$1,645.00*

<u>NVS 300</u> Videocard Name	Passmark G3D 113 Mark (higher is	Rank 738 (lower is	Videocard 1.67 Value (higher is	<u>\$67.99*</u> Price (USD)
<u>NVS 315</u>	286	1498	<u>4.09</u>	<u>\$69.99*</u>
<u>NVS 510</u>	726	1043	<u>6.49</u>	<u>\$111.99*</u>
<u>NVS 810</u>	1141	762	<u>1.83</u>	<u>\$624.99*</u>
<u>NVS 2100M</u>	139	1665	NA	NA

<u>NVS 3100M</u>	114	1731	NA	NA
<u>NVS 4200M</u>	256	1524	<u>0.64</u>	<u>\$399.00*</u>
<u>NVS 5100M</u>	197	1590	NA	NA
<u>NVS 5200M</u>	535	1255	NA	NA
<u>NVS 5400M</u>	634	1133	NA	NA
<u>OPAL XT/GL</u>	1053	798	NA	NA
<u>OpenXT Display Driver</u>	30	2028	NA	NA
<u>P104-100</u>	4449	-1	<u>14.83</u>	<u>\$299.99*</u>
<u>P106-090</u>	2402	452	NA	NA
<u>P106-100</u>	5967	214	NA	NA
<u>PHDGD Ivy 4</u>	374	1417	NA	NA
<u>PHDGD Ivy 5</u>	445	1359	NA	NA
<u>PHDGD Quantic C3</u>	116	1723	NA	NA
<u>PHDGD Sapphire GR for Mobile Intel 965</u>	25	2046	NA	NA
<u>PHDGD Solo 1.2.0 x86</u>	11	2099	NA	NA
<u>PHDGD Solo 2 x64</u>	20	2071	NA	NA
<u>Professional HD Driver</u>	653	1110	NA	NA
<u>Q12U-1</u>	5164	241	NA	NA
<u>Quadro2 MXR/EX</u>	4	2176	NA	NA
<u>Quadro2 Pro</u>	1	2260	NA	NA
<u>Quadro4 380 XGL</u>	6	2126	NA	NA
<u>Quadro4 900 XGL</u>	4	2159	NA	NA
<u>Quadro4 980 XGL</u>	5	2156	<u>0.01</u>	<u>\$341.43*</u>
<u>Quadro 280 NVS PCIe</u>	5	2140	NA	NA
<u>Quadro 400</u>	145	1651	<u>0.60</u>	<u>\$242.50*</u>
<u>Quadro 410</u>	431	1372	<u>3.35</u>	<u>\$129.00*</u>
<u>Quadro 500M</u>	664	1100	<u>2.41</u>	<u>\$275.14*</u>
<u>Quadro 600</u>	546	1242	<u>7.19</u>	<u>\$76.00*</u>

Quadro 1000M	598	1180	10.99	\$54.50*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)

Quadro 2000 D	1239	721	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 2000D	988	834	7.06	\$140.00*

Quadro 2000M	773	988	3.37	\$229.74*
Quadro 2100M	1100	778	NA	NA
Quadro 3000M	1028	813	14.69	\$69.99*
Quadro 4000	1490	661	1.52	\$978.99
Quadro 4000M	1306	703	6.25	\$209.03*
Quadro 5000	1983	534	0.79	\$2,499.00
Quadro 5000M	2059	516	NA	NA
Quadro 5010M	1891	565	8.02	\$235.95*
Quadro 6000	2669	411	0.59	\$4,499.99
Quadro 7000	3505	326	NA	NA
Quadro CX	947	864	6.32	\$149.95*
Quadro FX 350	85	1819	NA	NA
Quadro FX 350M	44	1960	NA	NA
Quadro FX 360M	86	1818	NA	NA
Quadro FX 370	83	1829	0.67	\$125.00*
Quadro FX 370 Low Profile	102	1772	NA	NA
Quadro FX 370 LP	108	1757	NA	NA
Quadro FX 370M	93	1799	NA	NA
Quadro FX 380	185	1603	2.56	\$72.50*
Quadro FX 380 LP	135	1672	NA	NA
Quadro FX 380M	124	1700	NA	NA
Quadro FX 500/600 PCI	14	2089	NA	NA
Quadro FX 500/FX 600	7	2117	NA	NA
Quadro FX 540	80	1844	1.35	\$59.99*
Quadro FX 550	63	1901	0.25	\$259.51*
Quadro FX 560	113	1735	0.76	\$150.25*
Quadro FX 570	155	1635	1.36	\$115.00*
Quadro FX 570M	111	1747	NA	NA

Quadro FX 580	155	1636	1.19	\$130.00*
Quadro FX 580M	155	1636	1.19	\$130.00*
Quadro FX 580M	155	1636	1.19	\$130.00*
Quadro FX 580M	155	1636	1.19	\$130.00*
Quadro FX 580M	155	1636	1.19	\$130.00*
Quadro FX 1000	34	2009	NA	NA
Quadro FX 1100	35	2000	0.17	\$212.99*
Quadro FX 1300	34	2008	NA	NA
Quadro FX 1400	124	1699	0.51	\$245.01*
Quadro FX 1500	189	1600	1.65	\$115.01*
Quadro FX 1500M	171	1618	NA	NA
Quadro FX 1600M	185	1604	1.24	\$149.90*
Quadro FX 1700	117	1719	0.91	\$129.00*
Quadro FX 1700M	172	1617	NA	NA
Quadro FX 1800	404	1395	3.00	\$135.00*
Quadro FX 1800M	469	1327	NA	NA
Quadro FX 2000	18	2079	NA	NA
Quadro FX 2500M	217	1560	12.45	\$17.50*
Quadro FX 2700	543	1250	NA	NA
Quadro FX 2700M	361	1430	3.62	\$99.95*
Quadro FX 2800M	422	1380	2.22	\$190.00*
Quadro FX 3000	69	1880	0.41	\$166.61*
Quadro FX 3400/4400	104	1766	NA	NA
Quadro FX 3450	148	1645	1.24	\$119.99*
Quadro FX 3450/4000 SDI	174	1615	NA	NA
Quadro FX 3500	291	1491	4.23	\$68.98*
Quadro FX 3500M	306	1478	3.06	\$99.99*
Quadro FX 3600M	466	1330	NA	NA
Quadro FX 3700	384	1409	1.36	\$282.87*
Quadro FX 3700M	467	1329	0.50	\$925.00*
Quadro FX 3800	779	976	5.23	\$149.00*
Quadro FX 3800M	626	1146	NA	NA
Quadro FX 4000	101	1778	NA	NA
Quadro FX 4500	226	1549	1.34	\$169.00*
Quadro FX 4500 X2	236	1543	NA	NA
Quadro FX 4600	436	1366	1.31	\$333.25*

<u>Quadro FX 4700 X2</u> Videocard Name	Passmark G3D Mark (higher is	Rank (lower is	Videocard Value (higher is	Price (USD)
<u>Quadro FX 5500</u>	242	1535	0.12	\$1,999.00*
<u>Quadro FX 5600</u>	561	1226	1.90	\$295.00*
<u>Quadro FX 5800</u>	1253	720	4.57	\$274.00*
<u>Quadro FX Go1400</u>	101	1776	NA	NA

<u>Quadro GP100</u>	16203	42	NA	NA
<u>Quadro GV100</u>	12721	80	1.41	\$8,999.00*
<u>Quadro K420</u>	779	979	2.90	\$269.00*
<u>Quadro K500M</u>	480	-1	NA	NA
<u>Quadro K510M</u>	610	1170	NA	NA
<u>Quadro K600</u>	767	999	12.75	\$60.24*
<u>Quadro K610M</u>	719	1052	3.00	\$240.00*
<u>Quadro K620</u>	2246	482	1.11	\$2,029.99*
<u>Quadro K620M</u>	1156	757	NA	NA
<u>Quadro K1000M</u>	772	993	11.04	\$69.95*
<u>Quadro K1100M</u>	1086	782	3.36	\$322.99*
<u>Quadro K1200</u>	2870	380	9.27	\$309.54*
<u>Quadro K2000</u>	1563	638	3.49	\$447.77*
<u>Quadro K2000D</u>	1631	620	4.80	\$339.99*
<u>Quadro K2000M</u>	1033	808	7.17	\$144.04*
<u>Quadro K2100M</u>	1351	689	3.25	\$415.99*
<u>Quadro K2200</u>	3539	324	13.93	\$254.00*
<u>Quadro K2200M</u>	3876	304	31.02	\$124.95*
<u>Quadro K3000M</u>	1617	625	3.97	\$407.56*
<u>Quadro K3100M</u>	2274	475	5.69	\$399.95*
<u>Quadro K4000</u>	2696	407	12.54	\$215.00*
<u>Quadro K4000M</u>	1948	549	7.67	\$254.00*
<u>Quadro K4100M</u>	2745	396	10.51	\$261.29*
<u>Quadro K4200</u>	4337	277	17.42	\$249.00*
<u>Quadro K5000</u>	3912	299	15.71	\$249.00*
<u>Quadro K5000M</u>	2753	395	8.35	\$330.00*
<u>Quadro K5100M</u>	3266	346	2.95	\$1,108.84*
<u>Quadro K5200</u>	5797	220	12.20	\$475.00*

Quadro K6000	8151	163	22.48	\$362.69
Videocard Name	Mark Passmark G3D (higher is	Rank (lower is	Value Value	Price USD)
Quadro M500M	1120	772	NA	NA
Quadro M520	1981	536	NA	NA
Quadro M600M	2142	504	8.50	\$251.99*
Quadro M620	2832	386	NA	NA

Quadro M1000M	3000	373	34.89	\$85.99*
Quadro M1200	3348	342	NA	NA
Quadro M2000	3956	295	11.51	\$343.65*
Quadro M2000M	3540	323	12.65	\$279.95*
Quadro M2200	4367	274	17.47	\$249.99*
Quadro M3000M	5682	223	35.52	\$159.95*
Quadro M4000	6636	198	19.24	\$345.00*
Quadro M4000M	6508	202	15.50	\$420.00*
Quadro M5000	9292	134	13.93	\$667.29*
Quadro M5000M	6929	192	13.86	\$499.95*
Quadro M5500	7915	167	NA	NA
Quadro M6000	11396	101	8.21	\$1,388.49*
Quadro M6000 24GB	12729	79	NA	NA
Quadro NVS 55/280 PCI	6	2134	NA	NA
Quadro NVS 110M	47	1949	NA	NA
Quadro NVS 120M	46	1951	NA	NA
Quadro NVS 130M	97	1789	NA	NA
Quadro NVS 135M	66	1890	NA	NA
Quadro NVS 140M	48	1946	NA	NA
Quadro NVS 150M	92	1803	NA	NA
Quadro NVS 160M	76	1849	NA	NA
Quadro NVS 210S	23	2059	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2070	NA	NA
Quadro NVS 280 PCI	8	2112	0.06	\$130.00*
Quadro NVS 280 SD	2	2243	NA	NA
Quadro NVS 285	38	1985	0.23	\$169.86*
Quadro NVS 285 128MB	38	1988	0.70	\$55.00*
Quadro NVS 290	204	1579	3.47	\$59.00*

Quadro NVS 295	75	1852	1.19	\$63.00*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
Quadro NVS 295M	157	1801	NA	NA
Quadro NVS 440	37	1992	0.30	\$124.99*
Quadro NVS 450	65	1896	0.41	\$159.00*
Quadro NVS 510M	253	1527	NA	NA
Quadro P400	1618	624	7.56	\$214.17*

Quadro P500	1518	653	NA	NA
Quadro P520	2127	507	1.42	\$1,499.00*
Quadro P600	3310	344	10.16	\$325.99*
Quadro P620	3653	317	6.26	\$583.87
Quadro P1000	4459	269	12.74	\$349.99
Quadro P2000	7074	189	14.76	\$479.16*
Quadro P2000 with Max-Q Design	4597	262	NA	NA
Quadro P2200	9489	130	12.50	\$759.00*
Quadro P3000	6549	200	NA	NA
Quadro P3200	8637	150	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P3200 with Max-Q Design	9241	135	NA	NA
Quadro P4000	11482	99	10.21	\$1,124.99*
Quadro P4000 with Max-Q Design	9082	139	NA	NA
Quadro P4200	9781	121	NA	NA
Quadro P4200 with Max-Q Design	11869	92	NA	NA
Quadro P5000	11968	91	6.40	\$1,870.00*
Quadro P5200	12023	90	NA	NA
Quadro P5200 with Max-Q Design	12210	87	NA	NA
Quadro P6000	15811	47	4.87	\$3,250.00*
Quadro RTX 3000	11110	106	NA	NA
Quadro RTX 3000 with Max-Q Design	8754	147	NA	NA
Quadro RTX 4000	15566	48	17.31	\$899.00*
Quadro RTX 4000 (Mobile)	13034	75	NA	NA
Quadro RTX 4000 with Max-Q Design	13445	72	NA	NA
Quadro RTX 5000	16273	40	NA	NA
Quadro RTX 5000 (Mobile)	14832	53	NA	NA
Quadro RTX 5000 with Max-Q Design	14045	61	NA	NA

<u>Quadro RTX 6000</u> Videocard Name	Passmark G3D 19760 Mark (higher is better)	Rank (lower is better)	Videocard 3.14 Value (higher is better)	<u>\$6,300.00*</u> Price (USD)
<u>Quadro T1000</u>	6516	201	<u>15.05</u>	<u>\$432.99*</u>
<u>Quadro T1000 with Max-Q Design</u>	6595	199	NA	NA
<u>Quadro T2000</u>	7124	187	NA	NA
<u>Quadro T2000 with Max-Q Design</u>	6889	193	NA	NA

<u>Qualcomm Adreno 8cx Gen 3</u>	1670	613	NA	NA
<u>Qualcomm Adreno 540 GPU</u>	120	1714	NA	NA
<u>Qualcomm Adreno 618 GPU</u>	121	1711	NA	NA
<u>Qualcomm Adreno 630 GPU</u>	261	1518	NA	NA
<u>Qualcomm Adreno 680 GPU</u>	404	1396	NA	NA
<u>Qualcomm Adreno 690 GPU</u>	951	860	NA	NA
<u>QXL KMDOD</u>	18	2074	NA	NA
<u>Radeon 520</u>	827	947	<u>9.19</u>	<u>\$89.99*</u>
<u>Radeon 530</u>	944	869	NA	NA
<u>Radeon 535</u>	1065	791	NA	NA
<u>Radeon 535DX</u>	813	957	NA	NA
<u>Radeon 540</u>	1277	712	NA	NA
<u>Radeon 540X</u>	1397	680	NA	NA
<u>Radeon 550X</u>	1429	673	NA	NA
<u>Radeon 620</u>	839	936	NA	NA
<u>Radeon 625</u>	1164	751	NA	NA
<u>Radeon 630</u>	1257	718	NA	NA
<u>Radeon 2100</u>	59	1909	<u>0.43</u>	<u>\$137.06*</u>
<u>Radeon 3000</u>	98	1782	<u>0.31</u>	<u>\$319.00*</u>
<u>Radeon 3100</u>	73	1859	<u>0.30</u>	<u>\$244.49*</u>
<u>Radeon 6600M</u>	522	1270	NA	NA
<u>Radeon 6750M</u>	911	890	NA	NA
<u>Radeon 7000 / Radeon VE</u>	2	2232	NA	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	2195	NA	NA
<u>RADEON 7200</u>	2	2226	<u>0.00</u>	<u>\$599.99*</u>
<u>RADEON 7500</u>	3	2216	<u>0.02</u>	<u>\$177.25*</u>
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RADEON 7500 Family</u>	4	2167	NA	NA

<u>RADEON 8500 Family.</u> Videocard Name	Passmark G3D Mark (higher is	Rank (lower is	Videocard Value (higher is	Price (USD)
<u>RADEON 9000 Family.</u>	3	2205	NA	NA
<u>RADEON 9100 Family.</u>	6	2133	NA	NA
<u>RADEON 9100 IGP</u>	5	2149	NA	NA
<u>RADEON 9200</u>	3	2202	0.02	\$153.63*

<u>RADEON 9200 LE Family.</u>	2	2236	NA	NA
<u>RADEON 9200 PRO Family.</u>	2	2227	NA	NA
<u>RADEON 9200 SE</u>	2	2239	NA	NA
<u>RADEON 9250</u>	2	2237	0.01	\$194.00*
<u>RADEON 9500</u>	36	1997	0.90	\$40.50*
<u>RADEON 9500 PRO / 9700</u>	41	1969	NA	NA
<u>RADEON 9550</u>	34	2006	1.09	\$31.88*
<u>Radeon 9550 / X1050</u>	29	2036	NA	NA
<u>RADEON 9600 Family.</u>	25	2051	NA	NA
<u>RADEON 9600 PRO</u>	42	1965	NA	NA
<u>RADEON 9600 PRO Family.</u>	26	2043	NA	NA
<u>RADEON 9600 TX Family.</u>	18	2076	NA	NA
<u>RADEON 9600 XT</u>	35	2004	NA	NA
<u>RADEON 9600SE</u>	27	2040	NA	NA
<u>RADEON 9700 PRO</u>	53	1926	NA	NA
<u>RADEON 9800</u>	57	1919	0.18	\$325.00*
<u>RADEON 9800 PRO</u>	59	1910	NA	NA
<u>RADEON 9800 SE</u>	23	2060	NA	NA
<u>RADEON 9800 XT</u>	56	1922	NA	NA
<u>RADEON A9800XT</u>	22	2065	NA	NA
<u>RADEON E2400</u>	51	1932	NA	NA
<u>RADEON E4690</u>	405	1394	NA	NA
<u>Radeon E6460</u>	323	1463	NA	NA
<u>Radeon E6465</u>	231	1546	NA	NA
<u>Radeon E6760</u>	973	844	4.06	\$239.99*
<u>Radeon E8860</u>	1625	621	NA	NA
<u>Radeon E8870PCIe</u>	3368	338	NA	NA
<u>Radeon HD4650</u>	239	1541	1.22	\$196.84*

Radeon HD4670	365	1424	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON HD4670	365	1424	NA	NA
RADEON HD6530D	531	1261	NA	NA
RADEON HD7450	199	1587	8.95	\$22.25*
Radeon HD8530M	490	1304	NA	NA
Radeon HD8970M	3368	337	NA	NA

Radeon HD 2350	76	1848	NA	NA
Radeon HD 2400	120	1712	1.62	\$74.44*
Radeon HD 2400 PCI	14	2090	NA	NA
Radeon HD 2400 Pro	114	1734	NA	NA
Radeon HD 2400 XT	118	1716	NA	NA
Radeon HD 2600 PRO	211	1568	1.12	\$188.44*
Radeon HD 2600 Pro AGP	110	1749	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2600 XT	282	1502	1.78	\$159.00*
Radeon HD 2900 GT	292	1489	NA	NA
Radeon HD 2900 PRO	627	1141	NA	NA
Radeon HD 2900 XT	659	1104	NA	NA
Radeon HD 3000	95	1791	NA	NA
Radeon HD 3200	82	1832	NA	NA
Radeon HD 3300	126	1694	NA	NA
Radeon HD 3450	111	1743	1.26	\$89.00*
Radeon HD 3470	89	1813	1.49	\$60.38*
Radeon HD 3650 AGP	150	1644	0.81	\$185.00*
Radeon HD 3670	150	1641	NA	NA
Radeon HD 3850	410	1388	NA	NA
Radeon HD 3850 AGP	432	1371	NA	NA
Radeon HD 3850 X2	822	951	NA	NA
Radeon HD 3870	575	1210	7.20	\$79.99*
Radeon HD 3870 X2	708	1060	NA	NA
Radeon HD 4200	111	1742	NA	NA
Radeon HD 4250	122	1705	NA	NA
Radeon HD 4270	109	1750	NA	NA
Radeon HD 4290	140	1659	NA	NA

<u>Radeon HD 4300/4500 Serisi</u> Videocard Name	Passmark G3D 155 Mark (higher is better)	Rank 1334 (lower is better)	Videocard NA Value (higher is better)	Price NA (USD)
<u>Radeon HD 4350</u>	102	1774	1.00	\$102.24*
<u>Radeon HD 4550</u>	235	1544	1.51	\$156.00*
<u>Radeon HD 4650</u>	220	1557	1.91	\$115.00*
<u>Radeon HD 4650 AGP</u>	207	1574	NA	NA
<u>Radeon HD 4670</u>	383	1410	2.68	\$142.99*
<u>Radeon HD 4770</u>	905	892	12.94	\$69.99*
<u>Radeon HD 4810</u>	769	995	NA	NA
<u>Radeon HD 4830</u>	860	924	14.34	\$59.99*
<u>Radeon HD 4850</u>	952	859	2.52	\$378.00*
<u>Radeon HD 4850 X2</u>	1132	766	NA	NA
<u>Radeon HD 4870</u>	1376	682	15.30	\$89.99*
<u>Radeon HD 4870 X2</u>	1309	702	NA	NA
<u>Radeon HD 4890</u>	1532	651	17.04	\$89.99*
<u>Radeon HD 5450</u>	137	1667	1.87	\$73.60*
<u>Radeon HD 5470</u>	268	1512	NA	NA
<u>Radeon HD 5550</u>	383	1411	6.97	\$54.99*
<u>Radeon HD 5570</u>	474	1321	2.89	\$163.99
<u>Radeon HD 5600/5700</u>	660	1102	NA	NA
<u>Radeon HD 5670</u>	779	977	13.00	\$59.99*
<u>Radeon HD 5750</u>	1161	754	15.48	\$74.99*
<u>Radeon HD 5770</u>	1354	688	7.13	\$189.99*
<u>Radeon HD 5830</u>	1746	600	6.74	\$259.00*
<u>Radeon HD 5850</u>	1970	542	6.82	\$289.00*
<u>Radeon HD 5870</u>	2273	476	18.95	\$119.99*
<u>Radeon HD 5970</u>	2249	481	11.25	\$199.99*
<u>Radeon HD 6230</u>	179	1609	NA	NA
<u>Radeon HD 6250</u>	94	1794	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 6290</u>	109	1754	NA	NA
<u>Radeon HD 6290M</u>	140	1661	NA	NA
<u>Radeon HD 6300M</u>	142	1656	NA	NA
<u>Radeon HD 6310</u>	123	1701	NA	NA

<u>Radeon HD 6320</u> Videocard Name	Passmark G3D 148 Mark (higher is	Rank 1548 (lower is	Videocard 0.27 Value (higher is	<u>\$554.99*</u> Price (USD)
<u>Radeon HD 6320M</u>	198	1588	NA	NA
<u>RADEON HD 6350</u>	140	1658	<u>2.39</u>	<u>\$59.00*</u>
<u>Radeon HD 6370D</u>	269	1510	NA	NA
<u>Radeon HD 6370M</u>	275	1505	NA	NA
<u>Radeon HD 6380G</u>	204	1580	<u>0.51</u>	<u>\$399.99*</u>
<u>Radeon HD 6410D</u>	243	1534	NA	NA
<u>Radeon HD 6430M</u>	192	1596	NA	NA
<u>Radeon HD 6450</u>	200	1584	<u>2.25</u>	<u>\$89.00*</u>
<u>Radeon HD 6450 + 8470D Dual</u>	762	1005	NA	NA
<u>Radeon HD 6450A</u>	260	1519	NA	NA
<u>Radeon HD 6470M</u>	227	1548	<u>0.40</u>	<u>\$569.99*</u>
<u>Radeon HD 6480G</u>	261	1517	NA	NA
<u>Radeon HD 6480M</u>	353	1435	NA	NA
<u>Radeon HD 6490M</u>	377	1414	<u>0.32</u>	<u>\$1,193.03*</u>
<u>Radeon HD 6520G</u>	299	1482	NA	NA
<u>Radeon HD 6530D</u>	323	1464	NA	NA
<u>Radeon HD 6550A</u>	707	1061	NA	NA
<u>Radeon HD 6550D</u>	421	1381	NA	NA
<u>Radeon HD 6570</u>	492	1302	<u>7.04</u>	<u>\$69.99*</u>
<u>Radeon HD 6610M</u>	565	1221	NA	NA
<u>Radeon HD 6620G</u>	357	1431	NA	NA
<u>Radeon HD 6630M</u>	684	1079	NA	NA
<u>Radeon HD 6650A</u>	835	940	NA	NA
<u>Radeon HD 6650M</u>	751	1017	NA	NA
<u>Radeon HD 6670</u>	747	1023	<u>9.96</u>	<u>\$74.99*</u>
<u>Radeon HD 6670 + 6670 Dual</u>	646	1116	NA	NA
<u>Radeon HD 6670 + 7660D Dual</u>	1492	660	NA	NA
<u>Radeon HD 6670/7670</u>	945	865	NA	NA
<u>Radeon HD 6700M</u>	1016	817	NA	NA
<u>Radeon HD 6750</u>	997	828	<u>4.16</u>	<u>\$240.00*</u>
<u>Radeon HD 6750M</u>	937	874	NA	NA
<u>Radeon HD 6770</u>	1228	730	<u>12.28</u>	<u>\$99.99*</u>

Radeon HD 6770M	964	850	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6770M	1624	850	NA	\$159.00*
Radeon HD 6850	1979	537	32.99	\$60.00*
Radeon HD 6850 X2	2534	435	NA	NA
Radeon HD 6870	2217	486	19.29	\$114.99*
Radeon HD 6900M	1706	608	NA	NA
Radeon HD 6950	2641	415	17.61	\$149.99*
Radeon HD 6970	2871	379	19.15	\$149.99*
Radeon HD 6970M	2270	477	10.51	\$215.99*
Radeon HD 6990	3013	372	6.04	\$498.49*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7290	115	1729	NA	NA
Radeon HD 7290M	123	1703	NA	NA
Radeon HD 7310	129	1685	NA	NA
Radeon HD 7310 - Carte graphique	174	1616	NA	NA
Radeon HD 7310G	180	1606	NA	NA
Radeon HD 7310M	166	1624	NA	NA
Radeon HD 7340	156	1633	0.28	\$552.69*
Radeon HD 7340G	196	1591	NA	NA
Radeon HD 7340M	221	1552	NA	NA
Radeon HD 7350	193	1595	NA	NA
Radeon HD 7400G	267	1513	NA	NA
Radeon HD 7420G	311	1475	NA	NA
Radeon HD 7450	220	1554	4.42	\$49.99*
Radeon HD 7450A	288	1496	NA	NA
Radeon HD 7450M	329	1456	NA	NA
Radeon HD 7470	316	1471	3.89	\$81.37*
Radeon HD 7470M	407	1391	NA	NA
Radeon HD 7480D	288	1495	NA	NA
Radeon HD 7500G	330	1455	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1164	NA	NA
Radeon HD 7500G + 7550M Dual	497	1297	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1433	NA	NA
Radeon HD 7520G	344	1474	NA	NA

<u>Radeon HD 7520G</u>	311	1474	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7400M Dual	486	1909	NA	NA
<u>Radeon HD 7520G + 7500/7600 Dual</u>	582	1199	NA	NA
<u>Radeon HD 7520G + 7600M Dual</u>	591	1188	NA	NA
<u>Radeon HD 7520G + 7610M Dual</u>	588	1192	NA	NA
<u>Radeon HD 7520G + 7650M Dual</u>	453	1346	NA	NA
<u>Radeon HD 7520G + 7670M Dual</u>	523	1269	NA	NA
<u>Radeon HD 7520G + 7700M Dual</u>	1060	794	NA	NA
<u>Radeon HD 7520G + 8600/8700M Dual</u>	311	1476	NA	NA
<u>Radeon HD 7520G + 8750M Dual</u>	376	1415	NA	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1246	NA	NA
<u>Radeon HD 7520G + HD 7500/7600 Dual</u>	832	942	NA	NA
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1353	NA	NA
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1300	NA	NA
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1211	NA	NA
<u>Radeon HD 7520G + HD 8600/8700M Dual</u>	623	1151	NA	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	1111	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1213	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</u>	364	1426	NA	NA
<u>Radeon HD 7540D</u>	338	1447	NA	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	1051	NA	NA
<u>Radeon HD 7540D + 7500 Dual</u>	821	953	NA	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	1120	NA	NA
<u>Radeon HD 7550M</u>	464	1335	NA	NA
<u>Radeon HD 7550M/7650M</u>	728	1038	NA	NA
<u>Radeon HD 7560D</u>	471	1323	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7560D + 6450 Dual</u>	568	1218	NA	NA
<u>Radeon HD 7560D + 6570 Dual</u>	833	941	NA	NA
<u>Radeon HD 7560D + 6670 Dual</u>	1130	767	NA	NA
<u>Radeon HD 7560D + 7560D Dual</u>	982	837	NA	NA
<u>Radeon HD 7560D + 7570 Dual</u>	985	835	NA	NA
<u>Radeon HD 7560D + 7670 Dual</u>	1426	675	NA	NA

<u>Radeon HD 7560D + 7670 Dual</u>	Passmark G3D	Score	Videocard	Price
<u>Radeon HD 7560D + 7700 Dual</u>	Mark 1919 <i>(higher is</i>	Rank 659 <i>lower is</i>	Value NA <i>(higher is</i>	Price NA <i>(lower</i>

<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	642	NA	NA
<u>Radeon HD 7560D + HD 7000 Dual</u>	534	1257	NA	NA
<u>Radeon HD 7560D + HD 7600 Dual</u>	1258	717	NA	NA
<u>Radeon HD 7560D + HD 7670 Dual</u>	1380	681	NA	NA

<u>Radeon HD 7560D + HD 7700 Dual</u>	1346	692	NA	NA
<u>Radeon HD 7560D + HD 8570 Dual</u>	935	875	NA	NA
<u>Radeon HD 7560D + R5 235 Dual</u>	563	1223	NA	NA
<u>Radeon HD 7570</u>	619	1158	6.05	\$102.49*
<u>Radeon HD 7570M</u>	447	1354	NA	NA
<u>Radeon HD 7570M/HD 7670M</u>	699	1069	NA	NA
<u>Radeon HD 7580D</u>	350	1437	NA	NA
<u>Radeon HD 7600G</u>	320	1467	NA	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1416	NA	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1405	NA	NA
<u>Radeon HD 7600G + 7500M/7600M Dual</u>	405	1393	NA	NA
<u>Radeon HD 7600G + 7550M Dual</u>	423	1377	NA	NA
<u>Radeon HD 7600G + 8500M/8700M Dual</u>	469	1326	NA	NA
<u>Radeon HD 7600G + HD 7400M Dual</u>	328	1459	NA	NA
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	555	1231	NA	NA
<u>Radeon HD 7600G + HD 7550M Dual</u>	509	1285	NA	NA
<u>Radeon HD 7600G + HD 8670M Dual</u>	543	1248	NA	NA
<u>Radeon HD 7600G + HD Dual</u>	435	1367	NA	NA
<u>Radeon HD 7600G N HD 7600G + HD ON HD Dual</u>	526	1265	NA	NA
<u>Radeon HD 7600M + 7600M Dual</u>	773	987	NA	NA
<u>Radeon HD 7610M</u>	632	1135	NA	NA
<u>Radeon HD 7620G</u>	366	1423	NA	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1286	NA	NA
<u>Radeon HD 7620G + 8670M Dual</u>	577	1206	NA	NA
<u>Radeon HD 7620G + HD 8600M Dual</u>	442	1363	NA	NA
<u>Radeon HD 7620G + HD 8670M Dual</u>	507	1288	NA	NA
<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	451	1349	NA	NA

<u>Radeon HD 7640G</u> Videocard Name	Passmark G3D 446 Mark (higher is better)	Rank (lower is better)	Videocard NA Value (higher is better)	NA Price (USD)
<u>Radeon HD 7640G + 7400M Dual</u>	637	1126	NA	NA
<u>Radeon HD 7640G + 7450M Dual</u>	754	1014	NA	NA
<u>Radeon HD 7640G + 7470M Dual</u>	595	1186	NA	NA
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	1143	NA	NA

<u>Radeon HD 7640G + 7500M/7600M Dual</u>	775	985	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	1063	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1284	NA	NA
<u>Radeon HD 7640G + 7650M Dual</u>	747	1021	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7640G + 7670M Dual</u>	644	1118	NA	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	866	NA	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	1073	NA	NA
<u>Radeon HD 7640G + 8500M Dual</u>	585	1197	NA	NA
<u>Radeon HD 7640G + 8570M Dual</u>	558	1230	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1076	NA	NA
<u>Radeon HD 7640G + 8600M Dual</u>	249	1530	NA	NA
<u>Radeon HD 7640G + 8670M Dual</u>	558	1229	NA	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	1107	NA	NA
<u>Radeon HD 7640G + HD 7400M Dual</u>	621	1154	NA	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1376	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	1065	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1392	NA	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1274	NA	NA
<u>Radeon HD 7640G + HD 7700M Dual</u>	589	1190	NA	NA
<u>Radeon HD 7640G + HD 7700M N HD 7700M Dual</u>	630	1137	NA	NA
<u>Radeon HD 7640G + HD 8500M Dual</u>	607	1173	NA	NA
<u>Radeon HD 7640G + HD 8500M N HD 8500M Dual</u>	665	1097	NA	NA
<u>Radeon HD 7640G + HD 8570M Dual</u>	474	1320	NA	NA
<u>Radeon HD 7640G + HD 8600/8700M Dual</u>	586	1196	NA	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1087	NA	NA

<u>Radeon HD 7640G + HD 8750M Dual</u>	Passmark G3D 996	Rank 820	Videocard NA	NA
Videocard Name	Mark (higher is better)	Rank (lower is better)	Value (higher is better)	Price (USD)
<u>Radeon HD 7640G + R5 M230 Dual</u>	230	71	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D</u>	824	949	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7670M Dual</u>	679	1084	NA	NA

<u>Radeon HD 7640G N HD 7640G + HD 8570M Dual</u>	422	1379	NA	NA
<u>Radeon HD 7650A</u>	564	1222	2.15	\$262.00*
<u>Radeon HD 7650M</u>	454	1344	NA	NA
<u>Radeon HD 7660D</u>	504	1289	NA	NA
<u>Radeon HD 7660D + 6570 Dual</u>	1100	777	NA	NA
<u>Radeon HD 7660D + 6670 Dual</u>	1238	723	NA	NA
<u>Radeon HD 7660D + 7470 Dual</u>	465	1334	NA	NA
<u>Radeon HD 7660D + 7500 Dual</u>	1121	771	NA	NA
<u>Radeon HD 7660D + 7540D Dual</u>	1204	738	NA	NA
<u>Radeon HD 7660D + 7670 Dual</u>	1061	793	NA	NA
<u>Radeon HD 7660D + HD 6670 Dual</u>	1484	662	NA	NA
<u>Radeon HD 7660D + HD 7000 Dual</u>	633	1134	NA	NA
<u>Radeon HD 7660D + HD 7400 Dual</u>	339	1446	NA	NA
<u>Radeon HD 7660D + HD 7700 Dual</u>	1958	545	NA	NA
<u>Radeon HD 7660D + R5 235 Dual</u>	523	1268	NA	NA
<u>Radeon HD 7660D + R7 240 Dual</u>	941	871	NA	NA
<u>Radeon HD 7660G</u>	475	1316	NA	NA
<u>Radeon HD 7660G + 7400M Dual</u>	588	1193	NA	NA
<u>Radeon HD 7660G + 7470M Dual</u>	630	1138	NA	NA
<u>Radeon HD 7660G + 7600M Dual</u>	831	944	NA	NA
<u>Radeon HD 7660G + 7610M Dual</u>	745	1025	NA	NA
<u>Radeon HD 7660G + 7670M Dual</u>	743	1027	NA	NA
<u>Radeon HD 7660G + 7700M Dual</u>	757	1012	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7660G + 7730M Dual</u>	931	877	NA	NA
<u>Radeon HD 7660G + 8600M Dual</u>	445	1358	NA	NA
<u>Radeon HD 7660G + 8670M Dual</u>	587	1194	NA	NA
<u>Radeon HD 7660G + HD 7500/7600</u>	1002	824	NA	NA

<u>Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</u> Videocard Name	1002 Passmark G3D Mark (higher is	624 Rank (lower is	NA Videocard Value (higher is	NA Price (USD)
<u>Radeon HD 7660G + HD 7500M/7600M Dual</u>	999	827	NA	NA
<u>Radeon HD 7660G + HD 7600M Dual</u>	615	1165	NA	NA
<u>Radeon HD 7660G + HD 7600M N HD 7600M Dual</u>	460	1341	NA	NA

<u>Radeon HD 7660G + HD 7670M Dual</u>	706	1062	NA	NA
<u>Radeon HD 7660G + HD 7700M Dual</u>	777	983	NA	NA
<u>Radeon HD 7660G + HD 7730M Dual</u>	881	910	NA	NA
<u>Radeon HD 7660G + HD 8500M Dual</u>	758	1009	NA	NA
<u>Radeon HD 7660G + HD 8600/8700M Dual</u>	747	1022	NA	NA
<u>Radeon HD 7660G + HD 8600M Dual</u>	363	1427	NA	NA
<u>Radeon HD 7660G + HD 8670M Dual</u>	711	1059	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</u>	722	1046	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7670M Dual</u>	704	1064	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</u>	966	849	NA	NA
<u>Radeon HD 7670</u>	812	958	NA	NA
<u>Radeon HD 7670A</u>	1050	799	NA	NA
<u>Radeon HD 7670M</u>	484	1310	0.77	\$629.99*
<u>Radeon HD 7670M + 7670M Dual</u>	738	1032	NA	NA
<u>Radeon HD 7690M</u>	1003	823	NA	NA
<u>Radeon HD 7690M XT</u>	1009	821	NA	NA
<u>Radeon HD 7700-serie</u>	1899	562	NA	NA
<u>Radeon HD 7730</u>	1216	734	5.23	\$232.70*
<u>Radeon HD 7730M</u>	636	1128	NA	NA
<u>Radeon HD 7750</u>	1693	611	15.39	\$109.99*
<u>Radeon HD 7750M</u>	1191	742	NA	NA
<u>Radeon HD 7770</u>	2198	489	18.32	\$119.99*
<u>Radeon HD 7790</u>	3090	362	22.07	\$139.99*
<u>Radeon HD 7800-serie</u>	4029	293	NA	NA
<u>Radeon HD 7850</u>	3819	309	23.87	\$159.99*
<u>Radeon HD 7850M</u>	1372	684	NA	NA
<u>Radeon HD 7870</u>	1661	261	26.50	\$176.00*

Radeon HD 7870	4004	201	20.50	\$170.00
Radeon HD 7870 XT	4469	201	NA	NA
Radeon HD 7870	4004	201	20.50	\$170.00
Radeon HD 7870 XT	4469	201	NA	NA
Radeon HD 7950 / R9 280	4764	256	13.81	\$345.00*
Radeon HD 7970 / R9 280X	5247	236	20.99	\$249.99*
Radeon HD 7970M	3736	313	NA	NA
Radeon HD 7990	5565	226	13.91	\$399.99*
Radeon HD 8180	152	1639	NA	NA
Radeon HD 8210	192	1597	NA	NA
Radeon HD 8210E	193	1594	NA	NA
Radeon HD 8240	240	1539	NA	NA
Radeon HD 8250	208	1573	NA	NA
Radeon HD 8280	319	1469	NA	NA
Radeon HD 8280E	241	1538	NA	NA
Radeon HD 8280G	269	1509	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8310E	340	1444	NA	NA
Radeon HD 8330	251	1528	NA	NA
Radeon HD 8330E	242	1536	NA	NA
Radeon HD 8350	164	1626	1.65	\$99.85*
Radeon HD 8350G	443	1362	NA	NA
Radeon HD 8370D	312	1473	NA	NA
Radeon HD 8400	258	1520	NA	NA
Radeon HD 8400E	272	1506	NA	NA
Radeon HD 8410G	435	1368	NA	NA
Radeon HD 8450G	356	1432	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	788	NA	NA
Radeon HD 8450G + 8600M Dual	545	1244	NA	NA
Radeon HD 8450G + 8670M Dual	474	1319	NA	NA
Radeon HD 8450G + 8750M Dual	637	1127	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1347	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1214	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1293	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1204	NA	NA
Radeon HD 8470	256	1525	NA	NA

<u>Radeon HD 8470D</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8470D + 6570 Dual</u>	837	938	NA	NA
<u>Radeon HD 8470D + HD 6450 Dual</u>	862	922	NA	NA
<u>Radeon HD 8470D + HD 6670 Dual</u>	1435	671	NA	NA
<u>Radeon HD 8470D + HD 7500 Dual</u>	1545	645	NA	NA

<u>Radeon HD 8490</u>	268	1511	2.99	\$89.99*
<u>Radeon HD 8500M</u>	398	1401	NA	NA
<u>Radeon HD 8500M/8700M</u>	852	930	NA	NA
<u>Radeon HD 8510G</u>	369	1420	NA	NA
<u>Radeon HD 8510G + 8500M Dual</u>	596	1184	NA	NA
<u>Radeon HD 8510G + HD 8500M Dual</u>	629	1139	NA	NA
<u>Radeon HD 8550D</u>	685	1078	NA	NA
<u>Radeon HD 8550G</u>	398	1402	NA	NA
<u>Radeon HD 8550G + 7600M Dual</u>	901	896	NA	NA
<u>Radeon HD 8550G + 8500M Dual</u>	602	1177	NA	NA
<u>Radeon HD 8550G + 8570M Dual</u>	532	1259	NA	NA
<u>Radeon HD 8550G + 8600/8700M Dual</u>	802	964	NA	NA
<u>Radeon HD 8550G + 8600M Dual</u>	617	1163	NA	NA
<u>Radeon HD 8550G + 8670M Dual</u>	579	1202	NA	NA
<u>Radeon HD 8550G + 8690M Dual</u>	664	1099	NA	NA
<u>Radeon HD 8550G + 8750M Dual</u>	795	969	NA	NA
<u>Radeon HD 8550G + HD 7600M Dual</u>	854	925	NA	NA
<u>Radeon HD 8550G + HD 8500M Dual</u>	558	1228	NA	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1262	NA	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1108	NA	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1187	NA	NA
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1243	NA	NA
<u>Radeon HD 8550G + HD 8750M Dual</u>	819	955	NA	NA
<u>Radeon HD 8550G + R5 M200 Dual</u>	619	1161	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8550G + R5 M230 Dual</u>	487	1306	NA	NA
<u>Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D</u>	611	1168	NA	NA

<u>Radeon HD 8570</u> Videocard Name	Passmark G3D 989 Mark (higher is	Rank (lower is	Videocard 10.02 Value (higher is	\$98.68* Price (USD)
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	862	NA	NA
<u>Radeon HD 8570D</u>	441	1364	NA	NA
<u>Radeon HD 8570D + 6570 Dual</u>	1239	722	NA	NA
<u>Radeon HD 8570D + 6670 Dual</u>	1039	806	NA	NA

<u>Radeon HD 8570D + HD8490 Dual</u>	374	1418	NA	NA
<u>Radeon HD 8570D + HD 6570 Dual</u>	868	916	NA	NA
<u>Radeon HD 8570D + HD 6670 Dual</u>	1260	715	NA	NA
<u>Radeon HD 8570D + HD 7000 Dual</u>	753	1015	NA	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	576	NA	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1448	NA	NA
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	809	NA	NA
<u>Radeon HD 8570D + R5 235 Dual</u>	470	1324	NA	NA
<u>Radeon HD 8570D + R7 200 Dual</u>	999	825	NA	NA
<u>Radeon HD 8570D + R7 240 Dual</u>	963	851	NA	NA
<u>Radeon HD 8570M</u>	421	1383	NA	NA
<u>Radeon HD 8600/8700M</u>	1029	810	NA	NA
<u>Radeon HD 8610G</u>	409	1389	NA	NA
<u>Radeon HD 8610G + 8500M Dual</u>	610	1171	NA	NA
<u>Radeon HD 8610G + 8600M Dual</u>	588	1191	NA	NA
<u>Radeon HD 8610G + 8670M Dual</u>	599	1179	NA	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	1117	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1312	NA	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1205	NA	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1090	NA	NA
<u>Radeon HD 8650D</u>	525	1266	NA	NA
<u>Radeon HD 8650G</u>	475	1317	NA	NA
<u>Radeon HD 8650G + 7600M Dual</u>	741	1029	NA	NA
<u>Radeon HD 8650G + 7670M Dual</u>	883	907	NA	NA
<u>Radeon HD 8650G + 7700M Dual</u>	1126	769	NA	NA
<u>Radeon HD 8650G + 8500M Dual</u>	626	1145	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1109	NA	NA
<u>Radeon HD 8650G + 8600/8700M Dual</u>	831	943	NA	NA

<u>Radeon HD 8650G + 8600M Dual</u>	613	1167	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
<u>Radeon HD 8650G + 8670M Dual</u>	819	954	NA	NA
<u>Radeon HD 8650G + HD 7600M Dual</u>	634	1132	NA	NA
<u>Radeon HD 8650G + HD 7670M Dual</u>	716	1056	NA	NA

<u>Radeon HD 8650G + HD 8600/8700M Dual</u>	763	1002	NA	NA
<u>Radeon HD 8650G + HD 8600M Dual</u>	606	1174	NA	NA
<u>Radeon HD 8650G + HD 8600M N HD 8600M Dual</u>	757	1011	NA	NA
<u>Radeon HD 8650G + HD 8670M Dual</u>	585	1198	NA	NA
<u>Radeon HD 8650G + HD 8750M Dual</u>	778	980	NA	NA
<u>Radeon HD 8650G + HD 8790M Dual</u>	799	965	NA	NA
<u>Radeon HD 8650G + R5 M200 Dual</u>	722	1047	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1077	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u>	773	989	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</u>	796	968	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1083	NA	NA
<u>Radeon HD 8670D</u>	546	1241	NA	NA
<u>Radeon HD 8670D + 6670 Dual</u>	1361	687	NA	NA
<u>Radeon HD 8670D + 7000 Dual</u>	811	959	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	590	NA	NA
<u>Radeon HD 8670D + 8570 Dual</u>	974	843	NA	NA
<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	732	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	1053	NA	NA
<u>Radeon HD 8670D + HD 7600 Dual</u>	1317	698	NA	NA
<u>Radeon HD 8670D + HD 7700 Dual</u>	1892	564	NA	NA
<u>Radeon HD 8670D + R5 235 Dual</u>	836	939	NA	NA
<u>Radeon HD 8670D + R5 330 Dual</u>	746	1024	NA	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	861	NA	NA
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	816	NA	NA
<u>Radeon HD 8670D N HD 8670D + HD</u>	488	1305	NA	NA

<u>8670D Dual</u>	Passmark G3D	Rank	Videocard	Price
Videocard Name	Mark	(lower is	Value	(USD)
	(higher is	better)	(higher is	
<u>Radeon HD 8690M</u>	984	836	NA	NA
<u>Radeon HD 8730M</u>	667	1096	NA	NA
<u>Radeon HD 8750M</u>	852	931	NA	NA

<u>Radeon HD 8790M</u>	1305	705	NA	NA
<u>Radeon HD 8790M / R9 M290X</u>	1210	735	NA	NA
<u>Radeon HD 8850M</u>	973	845	NA	NA
<u>Radeon HD 8850M / R9 M265X</u>	1139	763	NA	NA
<u>Radeon HD 8870M</u>	1638	619	NA	NA
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	585	NA	NA
<u>Radeon HD 8950</u>	2267	479	NA	NA
<u>Radeon HD 8970M</u>	3876	305	27.69	\$139.99*
<u>Radeon HD 8990</u>	5214	238	NA	NA
<u>Radeon HD HD7850M</u>	1651	617	NA	NA
<u>Radeon HDG 4670</u>	170	1621	NA	NA
<u>RADEON IGP 34xM</u>	1	2254	NA	NA
<u>RADEON IGP 320</u>	3	2197	NA	NA
<u>Radeon IGP 320M</u>	3	2204	NA	NA
<u>Radeon IGP 340M</u>	2	2242	NA	NA
<u>RADEON IGP 345M</u>	2	2231	NA	NA
<u>RADEON IGP 350M</u>	6	2135	NA	NA
<u>Radeon Infoshock 3000</u>	106	1759	NA	NA
<u>Radeon Instinct MI25 MxGPU</u>	10466	109	NA	NA
<u>Radeon M535DX</u>	749	1019	NA	NA
<u>Radeon Pro</u>	1965	543	3.39	\$579.99
<u>Radeon Pro 450</u>	2722	401	NA	NA
<u>Radeon Pro 455</u>	3112	359	6.93	\$449.00*
<u>Radeon Pro 460</u>	3452	329	NA	NA
<u>Radeon Pro 465</u>	4537	264	NA	NA
<u>Radeon Pro 555</u>	3140	357	2.99	\$1,049.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon Pro 560</u>	3475	328	NA	NA

<u>Radeon Pro 560X</u> Videocard Name	Passmark G3D 3677 Mark (higher is	Rank 545 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>Radeon Pro 580</u>	7753	175	NA	NA
<u>Radeon Pro 580X</u>	7540	179	NA	NA
<u>Radeon Pro 5300</u>	7520	180	NA	NA
<u>Radeon Pro 5300M</u>	5839	219	NA	NA
<u>Radeon Pro 5500 XT</u>	8298	160	NA	NA
<u>Radeon Pro 5500M</u>	6720	195	NA	NA
<u>Radeon Pro 5600M</u>	10100	115	NA	NA
<u>Radeon Pro 5700</u>	11844	93	NA	NA
<u>Radeon Pro 5700 XT</u>	12483	84	NA	NA
<u>Radeon Pro Duo</u>	8374	158	6.00	\$1,394.94*
<u>Radeon Pro Ryzen 7 PRO 5850U</u>	2217	487	NA	NA
<u>Radeon Pro SSG</u>	10497	108	NA	NA
<u>Radeon Pro V340 MxGPU</u>	2853	383	NA	NA
<u>Radeon Pro V520 MxGPU</u>	12852	78	NA	NA
<u>Radeon Pro Vega 16</u>	4682	260	NA	NA
<u>Radeon Pro Vega 20</u>	5116	243	NA	NA
<u>Radeon Pro Vega 48</u>	11504	98	NA	NA
<u>Radeon Pro Vega 56</u>	12209	88	NA	NA
<u>Radeon Pro Vega 64</u>	12401	85	NA	NA
<u>Radeon Pro Vega 64X</u>	14630	-1	NA	NA
<u>Radeon Pro Vega II</u>	14737	54	NA	NA
<u>Radeon Pro VII</u>	16853	34	NA	NA
<u>Radeon Pro W5500</u>	9341	132	14.64	\$637.95*
<u>Radeon Pro W5500M</u>	2821	387	NA	NA
<u>Radeon Pro W5700</u>	15079	52	9.14	\$1,649.99*
<u>Radeon PRO W6600</u>	14180	59	NA	NA
<u>Radeon PRO W6800</u>	18971	21	8.64	\$2,194.99*
<u>Radeon Pro WX 2100</u>	1754	596	NA	NA
<u>Radeon Pro WX 3100</u>	2624	419	NA	NA
<u>Radeon Pro WX 3200</u>	2455	446	10.92	\$224.99
<u>Radeon Pro WX 4100</u>	3771	311	7.54	\$499.99*
<u>Radeon Pro WX 4130</u>	1880	566	NA	NA

Radeon Pro WX 4150	1934	552	3.15	\$614.85*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price
Radeon Pro WX 4170	7805	170	10.01	\$779.99*
Radeon Pro WX 7100	5721	222	NA	NA
Radeon Pro WX 8200	14095	60	8.95	\$1,575.20*
Radeon Pro WX 9100	12895	77	NA	NA
Radeon Pro WX Vega M GL	6049	212	NA	NA
Radeon R1E	301	1481	NA	NA
Radeon R2	240	1540	NA	NA
Radeon R2E	229	1547	NA	NA
Radeon R3	302	1480	NA	NA
Radeon R3E	205	1576	NA	NA
Radeon R4	331	1453	0.84	\$396.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R4E	487	1308	NA	NA
Radeon R5 220	134	1675	1.58	\$85.26*
Radeon R5 230	221	1551	2.74	\$81.10*
Radeon R5 235	329	1458	5.47	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	1026	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1033	NA	NA
Radeon R5 235X	280	1503	NA	NA
Radeon R5 240	517	1276	6.09	\$85.00*
Radeon R5 310	331	1454	0.66	\$499.00*
Radeon R5 330	513	1281	1.51	\$339.99*
Radeon R5 340	996	830	NA	NA
Radeon R5 420	574	1212	14.39	\$39.95*
Radeon R5 430	938	873	15.91	\$59.00*
Radeon R5 435	840	935	NA	NA
Radeon R5 A6-7480	810	960	NA	NA
Radeon R5 A6-8500P	624	1150	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1175	NA	NA
Radeon R5 A6-9500 2C+6G	853	927	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	878	912	NA	NA

<u>Radeon R5 A6-9500E 2C+4G</u> Videocard Name	Passmark G3D 1014 Mark (higher is better)	Rank (lower is better)	Videocard NA Value (higher is better)	NA Price (USD)
<u>Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</u>	715	1057	NA	NA
<u>Radeon R5 A10-9620P 4C+6G</u>	731	1035	NA	NA
<u>Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C</u>	626	1148	NA	NA

<u>Radeon R5 A10-9630P 4C+6G</u>	977	840	NA	NA
<u>Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C</u>	580	-1	NA	NA
<u>Radeon R5 A240</u>	576	1209	NA	NA
<u>Radeon R5 M230</u>	390	1404	NA	NA
<u>Radeon R5 M240</u>	432	1370	NA	NA
<u>Radeon R5 M255</u>	504	1290	NA	NA
<u>Radeon R5 M315</u>	476	1315	NA	NA
<u>Radeon R5 M320</u>	427	1374	NA	NA
<u>Radeon R5 M330</u>	595	1185	NA	NA
<u>Radeon R5 M335</u>	548	1237	NA	NA
<u>Radeon R5 M420</u>	470	1325	NA	NA
<u>Radeon R5 M430</u>	648	1114	NA	NA
<u>Radeon R5 M435</u>	780	974	NA	NA
<u>Radeon R5 Opteron X3216</u>	394	1403	NA	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1287	NA	NA
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	1075	NA	NA
<u>Radeon R5 PRO A6-8570 2C+6G</u>	847	934	NA	NA
<u>Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G</u>	1063	792	NA	NA
<u>Radeon R5 PRO A6-8570E 2C+4G</u>	637	1125	NA	NA
<u>Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G</u>	866	918	NA	NA
<u>Radeon R5 PRO A6-9500 2C+6G</u>	1096	779	NA	NA
<u>Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G</u>	1000	-1	NA	NA
<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	1072	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	994	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

	(higher is better) Passmark G3D		Videocard	
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	Mark 658 (higher is better)	Rank (lower is better)	Value NA (higher is better)	Price NA (less is better)
<u>COMPUTE CORES 4C+6G</u>				
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	695	1071	NA	NA
<u>Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</u>	598	1182	NA	NA
<u>Radeon R5E</u>	299	1483	NA	NA

<u>Radeon R6</u>	644	1119	NA	NA
<u>Radeon R6 + R7 M265DX Dual</u>	570	1216	NA	NA
<u>Radeon R6 A8-8600P</u>	474	1318	NA	NA
<u>Radeon R6 A10-8700P</u>	534	1256	NA	NA
<u>Radeon R6 A10-9600P 4C+6G</u>	970	847	NA	NA
<u>Radeon R6 M255DX</u>	572	1215	NA	NA
<u>Radeon R6 Opteron X3418</u>	955	855	NA	NA
<u>Radeon R6 PRO A8-8600B 4C+6G</u>	531	1260	NA	NA
<u>Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G</u>	524	1267	NA	NA
<u>Radeon R6 PRO A10-8700B 4C+6G</u>	538	1253	NA	NA
<u>Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G</u>	526	1264	NA	NA
<u>Radeon R7 240</u>	863	921	7.85	\$109.99*
<u>Radeon R7 240 + HD 8570D Dual</u>	917	884	NA	NA
<u>Radeon R7 240 + HD 8670D Dual</u>	930	879	NA	NA
<u>Radeon R7 250</u>	1156	756	6.09	\$189.97*
<u>Radeon R7 250X</u>	2268	478	11.70	\$194.00*
<u>Radeon R7 260</u>	2891	378	32.13	\$89.99*
<u>Radeon R7 260X</u>	3150	356	22.51	\$139.99*
<u>Radeon R7 340</u>	930	878	NA	NA
<u>Radeon R7 360</u>	3036	366	20.80	\$145.99*
<u>Radeon R7 370</u>	4470	266	NA	NA
<u>Radeon R7 430</u>	1138	764	5.69	\$199.99*
<u>Radeon R7 450</u>	1973	539	24.68	\$79.99*
<u>Radeon R7 7850A10-7850K</u>	551	1235	NA	NA
<u>Radeon R7 +8G</u>	1190	744	NA	NA
<u>Radeon R7 + HD 7700 Dual</u>	1962	544	NA	NA
<u>Radeon R7 + R5 330 Dual</u>	1028	812	NA	NA
<u>Radeon R7 + R5 340 Dual</u>	1004	707	NA	NA

<u>Radeon R7 + R5 340 Dual</u>	1234	727	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
Radeon R7 + R5 435 Dual A10-9700	885	(lower is better)	(higher is better)	(USD)
<u>Radeon R7 + R5 Dual</u>	897	900	NA	NA
<u>Radeon R7 + R7 200 Dual</u>	1128	768	NA	NA
<u>Radeon R7 + R7 240 Dual</u>	1045	805	NA	NA
<u>Radeon R7 + R7 250 Dual</u>	1232	728	NA	NA

<u>Radeon R7 + R7 350 Dual</u>	1982	535	NA	NA
<u>Radeon R7 A8 PRO-7600B</u>	626	1147	NA	NA
<u>Radeon R7 A8-7500</u>	947	863	NA	NA
<u>Radeon R7 A8-7500 4C+6G</u>	853	928	NA	NA
<u>Radeon R7 A8-7600</u>	778	981	NA	NA
<u>Radeon R7 A8-7650K</u>	679	1085	NA	NA
<u>Radeon R7 A8-7670K</u>	862	923	NA	NA
<u>Radeon R7 A8-7680</u>	752	1016	NA	NA
<u>Radeon R7 A8-8650</u>	912	887	NA	NA
<u>Radeon R7 A8-9600 RADEON</u>	807	963	NA	NA
<u>Radeon R7 A10 Extreme Edition</u>	816	956	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Radeon R7 A10 PRO-7800B</u>	561	1225	NA	NA
<u>Radeon R7 A10 PRO-7850B</u>	958	854	NA	NA
<u>Radeon R7 A10-7700K</u>	749	1020	NA	NA
<u>Radeon R7 A10-7800</u>	695	1070	NA	NA
<u>Radeon R7 A10-7850K</u>	967	848	NA	NA
<u>Radeon R7 A10-7860K</u>	901	895	NA	NA
<u>Radeon R7 A10-7870K</u>	1336	695	NA	NA
<u>Radeon R7 A10-7890K</u>	780	975	NA	NA
<u>Radeon R7 A10-8750</u>	885	906	NA	NA
<u>Radeon R7 A10-8850</u>	773	991	NA	NA
<u>Radeon R7 A10-9700 RADEON</u>	975	841	NA	NA
<u>Radeon R7 A10-9700E RADEON</u>	1137	765	NA	NA
<u>Radeon R7 A12-9700P RADEON</u>	703	1066	1.61	\$435.92*
<u>Radeon R7 A12-9720P RADEON</u>	758	1008	2.08	\$365.48*
<u>Radeon R7 A12-9730P RADEON</u>	1047	802	NA	NA
<u>Radeon R7 A12-9800 RADEON</u>	989	832	NA	NA

Radeon R7 A12-9800E RADEON	Passmark G3D Mark 676 (higher is better)	Rank 822 (lower is better)	Videocard Value 6.76 (higher is better)	\$139.19* Price (USD)
Radeon R7 A360	676	1089	NA	NA
Radeon R7 A365	781	973	NA	NA
Radeon R7 A370	1281	711	NA	NA
Radeon R7 FX-8800P	776	984	NA	NA
Radeon R7 FX-9800P RADEON	726	1042	1.37	\$530.00*
Radeon R7 FX-9830P RADEON	1109	775	NA	NA
Radeon R7 G	869	915	NA	NA
Radeon R7 M260	453	1345	0.57	\$799.00*
Radeon R7 M260DX	822	952	NA	NA
Radeon R7 M260X	945	868	NA	NA
Radeon R7 M265	576	1208	NA	NA
Radeon R7 M265DX	498	1294	NA	NA
Radeon R7 M270	733	1034	NA	NA
Radeon R7 M270DX	961	-1	NA	NA
Radeon R7 M340	639	1122	NA	NA
Radeon R7 M350	1027	814	NA	NA
Radeon R7 M360	553	1233	NA	NA
Radeon R7 M365X	883	908	NA	NA
Radeon R7 M370	1417	677	NA	NA
Radeon R7 M380	1668	614	NA	NA
Radeon R7 M440	863	920	NA	NA
Radeon R7 M445	912	886	1.23	\$744.00*
Radeon R7 M460	1045	803	NA	NA
Radeon R7 M465	1202	740	NA	NA
Radeon R7 M465X	1623	623	NA	NA
Radeon R7 Opteron X3421	1168	750	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	972	NA	NA
Radeon R7 PRO A8-8650B	730	1036	NA	NA
Radeon R7 PRO A8-8670E	1309	701	NA	NA
Radeon R7 PRO A8-9600	1049	801	NA	NA
Radeon R7 PRO A10-8750B	772	992	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

<u>Radeon R7 PRO A10-8770</u> Videocard Name	Passmark G3D 954 Mark (higher is	Rank 867 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>Radeon R7 PRO A10-8850B</u>	945	867	NA	NA
<u>Radeon R7 PRO A10-9700</u>	792	970	NA	NA
<u>Radeon R7 PRO A10-9700B</u>	757	1010	NA	NA
<u>Radeon R7 PRO A10-9700E</u>	932	876	1.76	\$529.00*

<u>Radeon R7 PRO A12-8800B</u>	642	1121	NA	NA
<u>Radeon R7 PRO A12-8830B</u>	882	909	NA	NA
<u>Radeon R7 PRO A12-8870</u>	1375	683	NA	NA
<u>Radeon R7 PRO A12-8870E</u>	962	852	NA	NA
<u>Radeon R7 PRO A12-9800</u>	1117	773	NA	NA
<u>Radeon R7 PRO A12-9800B</u>	722	1048	NA	NA
<u>Radeon R7 PRO A12-9800E</u>	989	831	NA	NA
<u>Radeon R7E</u>	690	1074	NA	NA
<u>Radeon R8 M365DX</u>	740	1030	NA	NA
<u>Radeon R8 M445DX</u>	798	966	NA	NA
<u>Radeon R8 M535DX</u>	670	1095	NA	NA
<u>Radeon R9 255</u>	1484	663	4.31	\$344.16*
<u>Radeon R9 260</u>	3018	371	NA	NA
<u>Radeon R9 270</u>	4306	280	NA	NA
<u>Radeon R9 270 / R7 370</u>	4259	284	9.94	\$428.49*
<u>Radeon R9 270X</u>	4914	250	15.05	\$326.50*
<u>Radeon R9 280</u>	5655	224	NA	NA
<u>Radeon R9 280X</u>	6290	207	NA	NA
<u>Radeon R9 285</u>	6680	-1	NA	NA
<u>Radeon R9 285 / 380</u>	5549	227	11.21	\$495.00*
<u>Radeon R9 290</u>	8427	156	NA	NA
<u>Radeon R9 290 / 390</u>	8150	164	17.57	\$463.99*
<u>Radeon R9 290X</u>	8767	146	NA	NA
<u>Radeon R9 290X / 390X</u>	8389	157	15.98	\$525.00*
<u>Radeon R9 295X2</u>	8619	153	17.27	\$499.10*
<u>Radeon R9 350</u>	2006	529	6.71	\$299.00*
<u>Radeon R9 360</u>	3031	368	22.64	\$133.89*
<u>Radeon R9 370</u>	4722	259	29.51	\$159.99*

Radeon R9 380	6267	209	69.64	\$89.99*
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
Radeon R9 380X	6176	210	69.64	\$89.99*
Radeon R9 390X	9508	129	NA	NA
Radeon R9 A375	1024	-1	NA	NA
Radeon R9 Fury	9557	128	21.57	\$443.10*
Radeon R9 Fury + Fury X	9741	122	21.65	\$449.99*
Radeon R9 Fury X	10100	116	NA	NA
Radeon R9 M265X	910	891	NA	NA
Radeon R9 M270X	1204	739	NA	NA
Radeon R9 M275	1114	774	1.59	\$699.99*
Radeon R9 M275X	1801	584	NA	NA
Radeon R9 M275X / M375	1574	637	NA	NA
Radeon R9 M280X	922	882	NA	NA
Radeon R9 M290X	3375	336	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M295X	5150	242	3.55	\$1,449.00*
Radeon R9 M360	1740	602	NA	NA
Radeon R9 M365X	1481	664	NA	NA
Radeon R9 M370X	1368	685	1.54	\$889.00*
Radeon R9 M375	763	1003	NA	NA
Radeon R9 M375X	1842	572	NA	NA
Radeon R9 M380	2930	377	NA	NA
Radeon R9 M385	2017	527	NA	NA
Radeon R9 M385X	1929	553	NA	NA
Radeon R9 M390X	3020	370	NA	NA
Radeon R9 M395	4991	247	NA	NA
Radeon R9 M395X	4775	254	NA	NA
Radeon R9 M470	2023	526	NA	NA
Radeon R9 M470X	3400	334	NA	NA
Radeon R9 M485X	3204	349	NA	NA
Radeon RX590 GME	8627	152	NA	NA
Radeon RX 460	4105	291	12.22	\$336.00*
Radeon RX 470/570	8066	165	17.09	\$472.00*
Radeon RX 480	8675	149	17.32	\$500.94*

<u>Radeon RX 540</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon RX 550X</u>	2390	456	NA	NA
<u>Radeon RX 560</u>	3594	319	15.86	\$226.61
<u>Radeon RX 560X</u>	3181	350	NA	NA
<u>Radeon RX 570X</u>	1923	554	5.00	\$385.00*

<u>Radeon RX 580</u>	8903	142	16.19	\$549.99*
<u>Radeon RX 580 2048SP</u>	7710	177	NA	NA
<u>Radeon RX 580X</u>	7798	172	NA	NA
<u>Radeon RX 590</u>	9668	127	46.04	\$209.99
<u>Radeon RX 640</u>	1470	665	NA	NA
<u>Radeon RX 5300</u>	7610	178	NA	NA
<u>Radeon RX 5300M</u>	3663	316	NA	NA
<u>Radeon RX 5500</u>	8820	145	NA	NA
<u>Radeon RX 5500 XT</u>	9195	136	19.57	\$470.00*
<u>Radeon RX 5500M</u>	4060	292	NA	NA
<u>Radeon RX 5600</u>	11029	107	NA	NA
<u>Radeon RX 5600 XT</u>	13844	65	17.75	\$779.97*
<u>Radeon RX 5600M</u>	7116	188	NA	NA
<u>Radeon RX 5700</u>	14716	55	10.51	\$1,399.95*
<u>Radeon RX 5700 XT</u>	16883	32	14.60	\$1,156.20*
<u>Radeon RX 5700 XT 50th Anniversary</u>	16714	36	NA	NA
<u>Radeon RX 6500 XT</u>	9669	126	43.96	\$219.99
<u>Radeon RX 6600</u>	13514	70	NA	NA
<u>Radeon RX 6600 XT</u>	15811	46	31.62	\$499.99
<u>Radeon RX 6600M</u>	8885	143	24.02	\$369.99
<u>Radeon RX 6700 XT</u>	18899	22	29.08	\$649.99
<u>Radeon RX 6700M</u>	11394	102	NA	NA
<u>Radeon RX 6700S</u>	11712	95	NA	NA
<u>Radeon RX 6800</u>	20690	12	22.49	\$919.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon RX 6800 XT</u>	23231	5	20.56	\$1,129.99
<u>Radeon RX 6800M</u>	8715	148	NA	NA
<u>Radeon RX 6900 XT</u>	25378	3	18.80	\$1,349.99



Video Card



<u>Radeon RX Vega11</u> Videocard Name	Passmark G3D 1751 Mark (higher is	Rank 599 (lower is	Videocard NA Value (higher is	Price NA (USD)
<u>Radeon RX Vega 10</u>	1698	609	NA	NA
<u>Radeon RX Vega 11</u>	2131	506	2.13	\$1,002.00*
<u>Radeon RX Vega 11 PRD</u>	2401	453	NA	NA
<u>Radeon RX Vega 11 Processor</u>	1713	605	NA	NA

<u>Radeon RX Vega 56</u>	13626	69	12.87	\$1,059.20*
<u>Radeon RX Vega 64</u>	14669	56	11.86	\$1,236.61*
<u>Radeon RX Vega M GH</u>	6722	194	NA	NA
<u>Radeon RX Vega M GL</u>	3315	343	NA	NA
<u>Radeon Ryzen 3 4300G</u>	1595	634	NA	NA
<u>Radeon Ryzen 3 4300GE</u>	2311	469	NA	NA
<u>Radeon Ryzen 3 4300U</u>	1300	708	NA	NA
<u>Radeon Ryzen 3 5300G</u>	1560	640	NA	NA
<u>Radeon Ryzen 3 5400U</u>	1642	618	NA	NA
<u>Radeon Ryzen 3 PRO 4200GE</u>	1712	606	NA	NA
<u>Radeon Ryzen 3 PRO 4350G</u>	2142	503	NA	NA
<u>Radeon Ryzen 3 PRO 4350GE</u>	1467	667	NA	NA
<u>Radeon Ryzen 3 PRO 4450U</u>	1517	655	NA	NA
<u>Radeon Ryzen 3 PRO 5450U</u>	1143	761	NA	NA
<u>Radeon Ryzen 5 4500U</u>	1798	588	NA	NA
<u>Radeon Ryzen 5 4600G</u>	2162	498	NA	NA
<u>Radeon Ryzen 5 4600GE</u>	1411	-1	NA	NA
<u>Radeon Ryzen 5 4600H</u>	2788	393	NA	NA
<u>Radeon Ryzen 5 4600HS</u>	7942	-1	NA	NA
<u>Radeon Ryzen 5 4600U</u>	1837	575	NA	NA
<u>Radeon Ryzen 5 5600G</u>	2547	432	NA	NA
<u>Radeon Ryzen 5 5600H</u>	2788	392	NA	NA
<u>Radeon Ryzen 5 5600U</u>	2054	517	NA	NA
<u>Radeon Ryzen 5 Microsoft Surface Edition</u>	2078	512	NA	NA
<u>Radeon Ryzen 5 PRO 4650G</u>	2425	450	NA	NA
<u>Radeon Ryzen 5 PRO 4650GE</u>	1997	532	NA	NA
<u>Radeon Ryzen 5 PRO 4650U</u>	1721	604	NA	NA
<u>Radeon Ryzen 5 PRO 5650G</u>	2161	499	NA	NA

Radeon Ryzen 5 PRO 5650GE	2476	443	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
Radeon Ryzen 5 PRO 5650U	2433	449	NA	NA
Radeon Ryzen 7 4700GE	2433	449	NA	NA
Radeon Ryzen 7 4700U	2043	519	NA	NA
Radeon Ryzen 7 4800H	5243	237	NA	NA
Radeon Ryzen 7 4800HS	8841	144	NA	NA
Radeon Ryzen 7 4800U	2252	480	NA	NA
Radeon Ryzen 7 4850U Mobile	2137	505	NA	NA
Radeon Ryzen 7 5700G	2780	394	NA	NA
Radeon Ryzen 7 5800H	2802	389	NA	NA
Radeon Ryzen 7 5800U	2320	467	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 Microsoft Surface Edition	2321	466	NA	NA
Radeon Ryzen 7 PRO 4750G	2627	418	NA	NA
Radeon Ryzen 7 PRO 4750GE	2200	488	NA	NA
Radeon Ryzen 7 PRO 4750U	2030	524	NA	NA
Radeon Ryzen 7 PRO 5750G	2070	513	NA	NA
Radeon Ryzen 7 PRO 5750GE	2855	382	NA	NA
Radeon Ryzen 7 PRO 5850U	2398	454	NA	NA
Radeon Ryzen 9 4900H	2715	402	NA	NA
Radeon Ryzen 9 4900HS	8572	154	NA	NA
Radeon Ryzen 9 4900HSS	9460	-1	NA	NA
Radeon Ryzen 9 5900H	2754	-1	NA	NA
Radeon Ryzen 9 5900HS	10462	111	NA	NA
Radeon Ryzen 9 5900HX	3165	353	NA	NA
Radeon Ryzen Embedded V2718	2149	502	NA	NA
Radeon Ryzen Embedded V2748	1296	-1	NA	NA
Radeon Sky 500	4736	257	NA	NA
Radeon TM R9 A360	2105	509	NA	NA
Radeon VE	2	2248	NA	NA
Radeon Vega 2	490	1303	NA	NA
Radeon Vega 3	888	902	0.33	\$2,677.99*
Radeon Vega 3 Mobile	1028	811	NA	NA
Radeon Vega 6	1285	710	0.71	\$1,799.99*

<u>Radeon Vega 8</u> Videocard Name	Passmark G3D Mark 1593 (higher is better)	Rank 635 (lower is better)	Videocard Value 12.56 (higher is better)	<u>\$126.86*</u> Price (USD)
<u>Radeon Vega 9</u>	1666	615	NA	NA
<u>Radeon Vega 10</u>	1542	648	NA	NA
<u>Radeon Vega 10 Mobile</u>	1456	668	NA	NA
<u>Radeon Vega 11</u>	1846	571	NA	NA

<u>Radeon Vega Frontier Edition</u>	13748	66	<u>8.19</u>	<u>\$1,679.59*</u>
<u>Radeon VII</u>	16744	35	<u>5.49</u>	<u>\$3,049.95*</u>
<u>RADEON X300SE</u>	38	1989	NA	NA
<u>RADEON X550</u>	50	1936	NA	NA
<u>RADEON X550XT</u>	56	1925	NA	NA
<u>Radeon X550XTX</u>	70	1872	NA	NA
<u>RADEON X600 256MB HyperMemory</u>	56	1924	NA	NA
<u>RADEON X600XT</u>	91	1808	NA	NA
<u>RADEON X700</u>	72	1864	NA	NA
<u>RADEON X700 PRO</u>	75	1850	NA	NA
<u>RADEON X700 SE</u>	71	1869	NA	NA
<u>RADEON X800 GT</u>	84	1827	NA	NA
<u>RADEON X800 GTO</u>	114	1730	NA	NA
<u>RADEON X800 PRO</u>	64	1898	NA	NA
<u>RADEON X800 PRO/GTO</u>	73	1861	NA	NA
<u>RADEON X800 SE</u>	129	1684	NA	NA
<u>RADEON X800 XL</u>	69	1878	NA	NA
<u>RADEON X800 XT</u>	97	1787	NA	NA
<u>RADEON X800 XT Platinum Edition</u>	81	1841	NA	NA
<u>RADEON X800GT</u>	79	1845	NA	NA
<u>RADEON X850 PRO</u>	72	1863	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RADEON X850 XT</u>	81	1843	NA	NA
<u>RADEON X850 XT Platinum Edition</u>	81	1834	NA	NA
<u>Radeon X1050</u>	49	1943	NA	NA
<u>Radeon X1200</u>	32	2022	NA	NA
<u>Radeon X1250</u>	37	1993	NA	NA
<u>Radeon X1270</u>	31	2027	NA	NA

Radeon X1300 Videocard Name	Passmark G3D 58 Mark (higher is	Rank 1911 (lower is	Videocard 0.44 Value (higher is	\$132.98* Price (USD)
Radeon X1550	66	1891	0.43	\$155.00*
Radeon X1550 64-bit	47	1948	NA	NA
Radeon X1600	49	1940	NA	NA
Radeon X1600 Pro	98	1780	NA	NA
Radeon X1600 Pro / X1300XT	69	1879	NA	NA
Radeon X1600 XT	115	1728	NA	NA
Radeon X1650 GTO	74	1853	NA	NA
Radeon X1650 Pro	84	1823	0.53	\$160.89*
Radeon X1650 SE	71	1871	NA	NA
Radeon X1700 Targa Edition	116	1725	NA	NA
Radeon X1800 GTO	140	1660	NA	NA
Radeon X1900 CrossFire Edition	137	1671	NA	NA
Radeon X1900 GT	145	1650	NA	NA
Radeon X1950 CrossFire Edition	151	1640	NA	NA
Radeon X1950 GT	106	1760	NA	NA
Radeon X1950 Pro	112	1737	NA	NA
RADEON XPRESS 200	29	2035	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2078	NA	NA
RADEON XPRESS 200M	22	2066	NA	NA
Radeon Xpress 1100	34	2012	NA	NA
Radeon Xpress 1150	29	2034	NA	NA
Radeon Xpress 1200	35	2001	NA	NA
Radeon Xpress 1250	42	1966	NA	NA
Radeon Xpress 1270	26	2044	NA	NA
Radeon Xpress 1300	52	1928	NA	NA
Radeon Xpress 1300M	40	1975	NA	NA
Radeon. HD 7730M	928	880	NA	NA
RadeonT	132	-1	NA	NA
RadeonT 540X	1799	586	NA	NA
RadeonT R5 430	1012	819	NA	NA
RadeonT R7 450	2184	492	NA	NA
RadeonT RX 560X	1809	582	NA	NA

RadeonT RX 640	1363	-1	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value	Price (USD)
RadeonT RX 6400	15899	45	NA	NA
RadeonT Vega 3	774	-1	NA	NA
Rage 128 Pro	1	2257	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2259	NA	NA

Rage Fury Pro/Xpert 2000 Pro	3	2219	NA	NA
Red Hat QXL controller	31	2025	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RGH Drivers v3	11	2098	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2196	NA	NA
RIVA TNT2/TNT2 Pro	3	2208	NA	NA
RTX A2000	13065	73	20.10	\$649.99*
RTX A2000 Laptop GPU	10192	112	NA	NA
RTX A3000 12GB Laptop GPU	9975	120	NA	NA
RTX A3000 Laptop GPU	12992	76	NA	NA
RTX A4000	19493	18	10.83	\$1,799.99*
RTX A4000 Laptop GPU	16544	38	NA	NA
RTX A4500	21545	11	10.07	\$2,139.99
RTX A5000	22715	7	NA	NA
RTX A5000 Laptop GPU	17171	30	NA	NA
RTX A6000	21752	10	4.35	\$4,999.00*
RV530 PRO	118	1717	NA	NA
Ryzen 3 4300G with Radeon Graphics	1902	561	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2402	-1	NA	NA
Ryzen 3 4300U with Radeon Graphics	1348	690	NA	NA
Ryzen 3 5300G with Radeon Graphics	2223	483	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2386	458	NA	NA
Ryzen 3 5300U with Radeon Graphics	1625	622	NA	NA
Ryzen 3 5400U with Radeon Graphics	1734	603	NA	NA
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	591	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	647	NA	NA

<u>Ryzen 7 4700G with Radeon Graphics</u>	9186	491	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 4700G with Radeon Graphics	thinner is better	thinner is better	thinner is better	thinner is better
<u>Ryzen 7 4800H with Radeon Graphics</u>	2113	508	NA	NA
<u>Ryzen 7 4800HS with Radeon Graphics</u>	6999	-1	NA	NA
<u>Ryzen 7 4800U with Radeon Graphics</u>	2343	461	NA	NA

<u>Ryzen 7 5700G with Radeon Graphics</u>	2709	403	NA	NA
<u>Ryzen 7 5700GE with Radeon Graphics</u>	2675	410	NA	NA
<u>Ryzen 7 5700U with Radeon Graphics</u>	2288	473	NA	NA
<u>Ryzen 7 5800H with Radeon Graphics</u>	2833	385	NA	NA
<u>Ryzen 7 5800HS with Radeon Graphics</u>	7391	-1	NA	NA
<u>Ryzen 7 5800U with Radeon Graphics</u>	2466	445	NA	NA
<u>Ryzen 7 Extreme Edition</u>	2157	501	NA	NA
<u>Ryzen 7 PRO 4700G with Radeon Graphics</u>	2879	-1	NA	NA
<u>Ryzen 7 Pro 4750G with Radeon Graphics</u>	2681	408	NA	NA
<u>Ryzen 7 PRO 4750GE with Radeon Graphics</u>	2549	429	NA	NA
<u>Ryzen 7 PRO 4750U with Radeon Graphics</u>	2028	525	NA	NA
<u>Ryzen 7 PRO 5750G with Radeon Graphics</u>	2590	426	NA	NA
<u>Ryzen 7 PRO 5750GE with Radeon Graphics</u>	2612	420	NA	NA
<u>Ryzen 7 PRO 5850U with Radeon Graphics</u>	2439	447	NA	NA
<u>Ryzen 9 4900H with Radeon Graphics</u>	2713	-1	NA	NA
<u>Ryzen 9 5900HS with Radeon Graphics</u>	5049	246	NA	NA
<u>Ryzen 9 5900HX with Radeon Graphics</u>	2967	374	NA	NA
<u>Ryzen 9 5980HS with Radeon Graphics</u>	2533	-1	NA	NA
<u>S3 5400EW</u>	145	1653	NA	NA
<u>S3 Chrome 430 ULP</u>	39	1980	NA	NA
<u>S3 Chrome S25 DDR2</u>	18	2075	NA	NA
<u>S3 Inc. Savage4</u>	3	2217	NA	NA
<u>S3 ProSavageDDR</u>	1	2256	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2250	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2153	NA	NA

<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	Passmark G3D	Rank	Videocard	NA
Videocard Name	Mark	(lower is	Value	Price
	(higher is	better)	(higher is	(USD)
<u>SAPPHIRE RADEON 9600</u>	51	1557	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	1696	NA	NA
<u>Seria Radeon HD 7700</u>	1603	630	NA	NA
<u>SUMO 964A</u>	497	1296	NA	NA

<u>SUMO 9640</u>	650	1113	NA	NA
<u>SUMO 9644</u>	465	1333	NA	NA
<u>T400</u>	3640	318	23.19	\$156.99
<u>T400 4GB</u>	3712	314	NA	NA
<u>T500</u>	3585	320	NA	NA
<u>T550 Laptop GPU</u>	4893	252	NA	NA
<u>T600</u>	6477	203	26.02	\$249.00
<u>T600 Laptop GPU</u>	6677	197	NA	NA
<u>T1000</u>	7799	171	19.65	\$396.99
<u>T1000 8GB</u>	7064	190	NA	NA
<u>T1200 Laptop GPU</u>	7860	169	NA	NA
Videocard Name	Passmark G3D	Rank	Videocard Value	Price
	Mark	(lower is better)	(higher is better)	(USD)
	(higher is better)			
<u>TENSOR 1.0 Driver Intel HD 630</u>	1299	709	NA	NA
<u>Tesla C2050</u>	3515	325	13.02	\$269.99*
<u>Tesla C2050 / C2070</u>	3428	331	NA	NA
<u>Tesla C2070</u>	3101	360	5.13	\$604.00*
<u>Tesla C2075</u>	3118	358	4.83	\$646.00*
<u>Tesla K20m</u>	5675	-1	NA	NA
<u>Tesla K20Xm</u>	5428	-1	NA	NA
<u>Tesla K40m</u>	704	-1	NA	NA
<u>Tesla M6</u>	7509	181	32.79	\$229.00*
<u>Tesla M10</u>	3490	327	1.30	\$2,695.00*
<u>Tesla M40</u>	10116	114	16.86	\$600.00*
<u>Tesla M40 24GB</u>	11657	97	NA	NA
<u>Tesla M60</u>	7770	174	5.57	\$1,395.00*
<u>Tesla M2070-Q</u>	1305	704	NA	NA
<u>Tesla P100-PCI-E-16GB</u>	7225	186	NA	NA
<u>Tesla T4</u>	11113	105	2.43	\$4,573.98

<u>Tesla T10</u> Videocard Name	Passmark G3D 13263 Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>TITAN RTX</u>	20033	14	4.20	\$4,765.53*
<u>TITAN V</u>	18815	23	9.41	\$1,999.99*
<u>TITAN V CEO Edition</u>	16987	31	NA	NA
<u>TITAN Xp</u>	19507	16	NA	NA

<u>TITAN Xp COLLECTORS EDITION</u>	18444	25	NA	NA
<u>TRINITY DEVASTATOR MOBILE</u>	699	1068	NA	NA
<u>TRINITY SCRAPPER MOBILE</u>	498	1295	NA	NA
<u>V9560XT V62.11</u>	6	2129	NA	NA
<u>Vanta/Vanta LT</u>	3	2221	NA	NA
<u>VIA Chrome9 HC3 IGP</u>	2	2233	NA	NA
<u>VIA Chrome9 HC IGP</u>	4	2182	NA	NA
<u>VIA Chrome9 HC IGP Family</u>	3	2194	NA	NA
<u>VIA Chrome9 HC IGP Family WDDM</u>	3	2206	NA	NA
<u>VIA Chrome9 HC IGP Prerelease WDDM 1.1</u>	2	2245	NA	NA
<u>VIA Chrome9 HC IGP WDDM</u>	2	2228	NA	NA
<u>VIA Chrome9 HC IGP WDDM 1.1</u>	2	2229	NA	NA
<u>VIA Chrome9 HCM IGP</u>	1	2252	NA	NA
<u>VIA Chrome9 HD IGP</u>	9	2104	NA	NA
<u>VIA/S3G C-645/640 GPU</u>	163	1627	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1753	NA	NA
<u>VIA/S3G DeltaChrome IGP</u>	3	2211	NA	NA
<u>VIA/S3G KM400/KN400</u>	4	2188	NA	NA
<u>VIA/S3G UniChrome IGP</u>	4	2183	NA	NA
<u>VIA/S3G UniChrome Pro IGP</u>	4	2168	NA	NA
<u>VIA/S3G UniChromell</u>	5	2137	NA	NA
<u>VisionTek Radeon 7000</u>	1	2251	NA	NA
<u>WinFast A250 LE</u>	4	2163	NA	NA
<u>WinFast GT 610</u>	211	1567	NA	NA
<u>Xabre</u>	5	2154	NA	NA
<u>XFX Radeon HD 4650 AGP</u>	109	1751	NA	NA
<u>XGI Volari Family v1.13.23.D_V</u>	4	2173	NA	NA
Videocard Name	Passmark G3D Mark	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	PassMark 3D (higher is better)	Rank (lower is better)	Value (higher is better)	Price (USD)
ZX Chrome 645/640 GPU	147	1049	NA	NA

* - Last price seen from our affiliates.

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