



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

 Compare ⁰

 Video Card Mega List

Search Model

 GPU Compute Video Card Chart

DirectX 9 Video Card Chart

DirectX 10 Video Card Chart

DirectX 11 Video Card Chart

DirectX 12 Video Card Chart

Power Performance Video Card Chart

2D Graphics Video Card List

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
6FDF:FF	9528	256	NA	NA
256MB DDR Radeon 9800 XT	37	2424	NA	NA
7900 MOD - Radeon HD 6520G	610	1579	NA	NA
7900 MOD - Radeon HD 6550D	892	1306	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1998	NA	NA
A10-8Q	6502	357	NA	NA
A10-12Q	9493	257	NA	NA
A16	5280	431	NA	NA
A16-1Q	3275	613	NA	NA
A16-2B	2442	736	NA	NA
A16-2Q	4747	485	NA	NA
A16-4Q	4327	521	NA	NA
A40-24Q	3317	609	NA	NA
ABIT Siluro T400	3	2619	NA	NA
ALL-IN-WONDER 9000	4	2586	NA	NA
ALL-IN-WONDER 9800	23	2492	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2572	NA	NA
ALL-IN-WONDER X800 GT	84	2269	NA	NA
All-in-Wonder X1800XL	30	2464	NA	NA
All-in-Wonder X1900	127	2147	NA	NA
AMD Ryzen Z1 Extreme	6526	356	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2644	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ASUS AGP-V3800PRO v31.40H	4	2605	NA	NA
ASUS EAH4870x2	496	1728	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1453	NA	NA
ASUS V9520-X V62.11	7	2543	NA	NA
B8DKMDAP	4557	499	NA	NA
Barco MXRT 1450	205	2019	NA	NA
Barco MXRT 2600	900	1300	4.52	\$199.00*
Barco MXRT 5400	1161	1158	5.72	\$203.00*
Barco MXRT 5450	1079	1189	5.40	\$199.99*
Barco MXRT 5500	2701	692	9.04	\$299.00*
Barco MXRT 5600	2465	732	3.50	\$704.00*
Barco MXRT 7100	180	2042	NA	NA
Barco MXRT 7400	900	1299	9.10	\$99.00*
Barco MXRT 7500	3753	561	12.55	\$299.00*
Barco MXRT 7600	4943	466	8.20	\$602.59*
BASICDISPLAY	69	2311	NA	NA
CARRIZO 9874	226	1988	NA	NA
Citrix Indirect Display Adapter	1888	898	NA	NA
CMP 30HX	6806	344	NA	NA
CMP 40HX	9136	268	NA	NA
CONNECT 3D RADEON X300	36	2430	NA	NA
Custom GPU 0405	2921	659	NA	NA
Custom GPU 0932	3249	616	NA	NA
Dell 8100	2	2669	0.00	\$999.11*
Dell 8200	4	2607	NA	NA
Diamond X1300-PCIE 256MB	70	2310	NA	NA
EAH5450	134	2131	1.22	\$109.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
EIZO Quadro MED-XN31LP	1648	979	NA	NA
EIZO Quadro MED-XN51LP	4951	465	NA	NA
Embedded Radeon E9173	1772	935	NA	NA
Eng_Sample: 100-000000560-40_Y	5655	399	NA	NA
Eng_Sample: 100-000000561-40_Y	4206	526	NA	NA
Extreme AX850 PRO	120	2170	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V2120	50	2351	NA	NA
FireGL V3100	52	2356	NA	NA
FireGL V3200	84	2266	NA	NA
FireGL V3300	70	2308	NA	NA
FireGL V3350	68	2316	NA	NA
FireGL V3400	103	2219	NA	NA
FireGL V3600	179	2043	1.12	\$160.99*
FireGL V5100	92	2250	0.81	\$114.96*
FireGL V5200	114	2187	0.86	\$133.40*
FireGL V5600	341	1875	1.52	\$225.00*
FireGL V7100	71	2302	0.22	\$328.67*
FireGL V7200	116	2181	NA	NA
FireGL V7300	128	2143	0.11	\$1,189.99*
FireGL V7350	110	2198	0.93	\$119.42*
FireGL V7600	615	1570	NA	NA
FireGL V7700	660	1509	9.43	\$69.99*
FireGL V8600	838	1339	NA	NA
FireGL V8650	550	1658	1.84	\$298.99*
FireGL X1	59	2344	NA	NA
FireMV 2200 PCI	1	2686	NA	NA
FireMV 2200 PCIe	36	2432	0.40	\$89.99*
FireMV 2250	45	2386	0.44	\$104.00*
FireMV 2260	117	2176	1.33	\$88.08*
FireMV 2400 PCIe	11	2524	NA	NA
FireMV 2450	73	2296	NA	NA
FirePro 3D V3700	178	2046	2.10	\$84.99*
FirePro 3D V3750	341	1873	6.71	\$50.88*
FirePro 3D V3800	472	1755	3.15	\$149.99*
FirePro 3D V4800	853	1327	5.33	\$159.99*
FirePro 3D V5700	546	1664	1.71	\$319.99*
FirePro 3D V5800	1231	1125	6.04	\$204.00*
FirePro 3D V7750	545	1668	1.56	\$350.00*
FirePro 3D V7800	1867	905	3.11	\$599.99*
FirePro 3D V8700	1206	1133	7.09	\$170.07*
FirePro 3D V8750	1271	1109	1.03	\$1,230.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V8800	2811	671	1.13	\$2,499.00*
FirePro 2260	112	2191	NA	NA
FirePro 2270	142	2105	1.06	\$134.00*
FirePro 2450	51	2366	0.57	\$89.99*
FirePro 2460	170	2058	2.03	\$83.99*
FirePro M2000	425	1804	NA	NA
FirePro M4000	1595	1001	21.91	\$72.83*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4000 Mobility Pro	1629	986	NA	NA
Firepro M4100	1059	1200	NA	NA
FirePro M4150	994	1238	NA	NA
FirePro M4170	1188	1143	NA	NA
FirePro M5100	2102	824	NA	NA
FirePro M5100 FireGL V	1839	914	NA	NA
FirePro M5950	1314	1094	NA	NA
FirePro M6000	1820	921	5.58	\$325.99*
FirePro M6000 Mobility Pro	1712	955	NA	NA
FirePro M6100	2351	760	NA	NA
FirePro M6100 FireGL V	2875	664	NA	NA
FirePro M7740	665	1506	NA	NA
FirePro M40003	1364	1080	NA	NA
FirePro R5000	2646	699	24.06	\$109.99*
FirePro RG220	335	1882	0.52	\$650.18*
FirePro S7000	4523	502	18.35	\$246.54*
FirePro S7150	3770	558	2.22	\$1,697.99*
FirePro S9000	5059	456	NA	NA
FirePro S9050	4901	470	NA	NA
FirePro S10000	4768	481	NA	NA
FirePro V3800	320	1896	2.57	\$124.99*
FirePro V3900	638	1536	2.68	\$238.44*
FirePro V4900	1005	1226	6.70	\$149.99*
FirePro V5700	464	1767	2.47	\$188.06*
FirePro V5800	1180	1145	22.27	\$53.00*
FirePro V5900	1237	1119	14.39	\$86.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V7800	2028	848	10.68	\$190.00*
FirePro V7900	2254	786	11.87	\$190.00*
FirePro V8700	1538	1025	9.75	\$157.88*
FirePro V8800	2280	777	11.52	\$198.00*
FirePro V9800	2726	689	5.75	\$474.00*
FirePro W600	1682	968	4.05	\$414.99*
FirePro W2100	852	1330	14.46	\$59.00*
FirePro W4100	1500	1040	8.16	\$184.00*
FirePro W4170M	1061	1197	NA	NA
Firepro W4190M	1155	1160	NA	NA
FirePro W4300	2770	681	11.54	\$239.99*
FirePro W5000	2988	649	16.24	\$184.00*
FirePro W5100	2977	652	23.63	\$125.99*
FirePro W5130M	1343	1088	NA	NA
Firepro W5170M	1814	924	NA	NA
FirePro W6150M	2358	758	NA	NA
FirePro W7000	4255	525	15.30	\$278.05*
FirePro W7000 Adapter	4359	517	NA	NA
FirePro W7100	5191	442	13.33	\$389.30*
FirePro W7170M	3161	630	NA	NA
FirePro W8000	4163	527	7.27	\$573.00*
FirePro W8100	6671	351	9.48	\$704.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W9000	6157	374	7.29	\$845.00*
FirePro W9100	7747	314	4.48	\$1,729.99*
FireStream 9170	647	1528	NA	NA
FireStream 9250	1164	1153	NA	NA
FireStream 9270	1341	1089	NA	NA
FireStream 9370	2528	723	NA	NA
GeCube RADEON 7000	8	2534	NA	NA
GeForce2 Go	4	2611	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2616	NA	NA
GeForce2 Integrated GPU	4	2606	NA	NA
GeForce2 MX	2	2654	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (\$USD)
GeForce2 MX 100/200	4	2590	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2590	NA	NA
GeForce2 MX with TV Out	2	2662	NA	NA
GeForce2 MX/MX 400	3	2618	NA	NA
GeForce2 Ti	4	2598	NA	NA
GeForce2 Ultra	6	2557	NA	NA
GeForce3	4	2587	NA	NA
GeForce3 Ti 200	4	2613	NA	NA
GeForce3 Ti 500	2	2664	NA	NA
GeForce4 420 Go	3	2637	NA	NA
GeForce4 420 Go 32M	5	2577	NA	NA
GeForce4 440	4	2584	NA	NA
GeForce4 440 Go	3	2624	NA	NA
GeForce4 440 Go 64M	5	2563	NA	NA
GeForce4 448 Go	5	2574	NA	NA
GeForce4 4200 Go	3	2617	NA	NA
GeForce4 MX 420	4	2591	NA	NA
GeForce4 MX 440	4	2601	NA	NA
GeForce4 MX 440 with AGP8X	4	2588	NA	NA
GeForce4 MX 440SE	4	2600	NA	NA
GeForce4 MX 460	4	2610	NA	NA
GeForce4 MX 4000	4	2604	NA	NA
GeForce4 MX Integrated GPU	6	2555	NA	NA
GeForce4 Ti 4200	5	2573	NA	NA
GeForce4 Ti 4400	7	2548	NA	NA
GeForce4 Ti 4600	5	2575	0.10	\$53.99*
GeForce4 Ti 4800	5	2565	NA	NA
GeForce4 Ti 4800 SE	6	2551	NA	NA
GeForce9400M	105	2211	NA	NA
GeForce 205	126	2152	NA	NA
GeForce 210	126	2150	2.34	\$54.15*
GeForce 240M GT	319	1900	NA	NA
GeForce 256	5	2582	0.12	\$42.04*
GeForce 305M	150	2083	NA	NA
GeForce 310	143	2103	1.32	\$108.35*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 315</u>	198	2027	6.02	\$32.99*
<u>GeForce 315M</u>	114	2185	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 320M</u>	209	2012	NA	NA
<u>GeForce 405</u>	118	2174	4.79	\$24.64*
<u>GeForce 410M</u>	267	1945	NA	NA
<u>GeForce 505</u>	143	2100	1.25	\$115.06*
<u>GeForce 510</u>	290	1922	4.15	\$69.99*
<u>GeForce 605</u>	320	1897	2.34	\$136.83*
<u>GeForce 610M</u>	292	1920	NA	NA
<u>GeForce 615</u>	507	1715	NA	NA
<u>GeForce 705M</u>	455	1776	NA	NA
<u>GeForce 710A</u>	472	1756	NA	NA
<u>GeForce 710M</u>	453	1780	NA	NA
<u>GeForce 720A</u>	577	1621	NA	NA
<u>GeForce 730A</u>	770	1405	NA	NA
<u>GeForce 770M</u>	3245	617	18.34	\$176.99*
<u>GeForce 800A</u>	476	1749	NA	NA
<u>GeForce 800M</u>	477	1747	NA	NA
<u>GeForce 810A</u>	655	1515	NA	NA
<u>GeForce 810M</u>	419	1809	NA	NA
<u>GeForce 820A</u>	555	1650	NA	NA
<u>GeForce 820M</u>	489	1733	NA	NA
<u>GeForce 825M</u>	770	1403	NA	NA
<u>GeForce 830A</u>	1170	1147	NA	NA
<u>GeForce 830M</u>	1010	1223	NA	NA
<u>GeForce 840A</u>	1123	1168	NA	NA
<u>GeForce 840M</u>	1097	1178	NA	NA
<u>GeForce 845M</u>	1488	1044	NA	NA
<u>GeForce 910M</u>	588	1602	NA	NA
<u>GeForce 920A</u>	833	1343	NA	NA
<u>GeForce 920M</u>	716	1459	NA	NA
<u>GeForce 920MX</u>	1067	1194	NA	NA
<u>GeForce 930A</u>	1263	1111	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 930MX</u>	1287	1103	NA	NA
<u>GeForce 940A</u>	1106	1174	NA	NA
<u>GeForce 940M</u>	1127	1166	NA	NA
<u>GeForce 940MX</u>	1514	1032	NA	NA
<u>GeForce 945A</u>	1852	910	NA	NA
<u>GeForce 945M</u>	2108	822	NA	NA
<u>GeForce 999 GTX</u>	83	2272	NA	NA
<u>GeForce 6100</u>	27	2471	NA	NA
<u>GeForce 6100 nForce 400</u>	25	2482	NA	NA
<u>GeForce 6100 nForce 405</u>	26	2473	NA	NA
<u>GeForce 6100 nForce 420</u>	25	2481	NA	NA
<u>GeForce 6100 nForce 430</u>	23	2494	NA	NA
<u>GeForce 6150</u>	21	2497	0.07	\$329.00*
<u>GeForce 6150 LE</u>	33	2448	NA	NA
<u>GeForce 6150SE</u>	24	2485	NA	NA
<u>GeForce 6150SE nForce 430</u>	30	2462	NA	NA
<u>GeForce 6200</u>	37	2426	0.71	\$53.17*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 6200 A-LE</u>	32	2457	NA	NA
<u>GeForce 6200 LE</u>	32	2454	0.80	\$41.24*
<u>GeForce 6200 TurboCache</u>	52	2359	NA	NA
<u>GeForce 6200A</u>	3	2627	0.07	\$54.99*
<u>GeForce 6200SE TurboCache</u>	37	2428	NA	NA
<u>GeForce 6500</u>	38	2420	NA	NA
<u>GeForce 6600</u>	86	2263	0.33	\$264.00*
<u>GeForce 6600 GT</u>	142	2104	2.20	\$64.95*
<u>GeForce 6600 LE</u>	51	2364	NA	NA
<u>GeForce 6610 XL</u>	88	2260	NA	NA
<u>GeForce 6700 XL</u>	95	2241	NA	NA
<u>GeForce 6800</u>	112	2192	0.20	\$559.29*
<u>GeForce 6800 GS</u>	191	2035	NA	NA
<u>GeForce 6800 GS/XT</u>	102	2221	NA	NA
<u>GeForce 6800 GT</u>	142	2106	NA	NA
<u>GeForce 6800 LE</u>	109	2202	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800 Ultra	100	2344	NA	NA
GeForce 6800 XE	58	2345	NA	NA
GeForce 6800 XT	123	2160	NA	NA
GeForce 7000M	13	2518	NA	NA
GeForce 7000M / nForce 610M	12	2519	NA	NA
GeForce 7025 / nForce 630a	33	2451	NA	NA
GeForce 7050 / nForce 610i	25	2479	NA	NA
GeForce 7050 / nForce 620i	41	2403	NA	NA
GeForce 7050 / nForce 630i	37	2423	NA	NA
GeForce 7050 PV / nForce 630a	31	2459	NA	NA
GeForce 7100 / nForce 620i	26	2476	NA	NA
GeForce 7100 / nForce 630i	41	2401	NA	NA
GeForce 7100 GS	51	2365	NA	NA
GeForce 7150 / nForce 630i	33	2452	NA	NA
GeForce 7150M / nForce 630M	18	2505	NA	NA
GeForce 7200 GS	23	2493	NA	NA
GeForce 7300 GS	78	2289	NA	NA
GeForce 7300 GT	123	2158	0.82	\$149.99*
GeForce 7300 LE	81	2285	2.53	\$32.00*
GeForce 7300 SE	39	2418	NA	NA
GeForce 7300 SE/7200 GS	48	2377	NA	NA
GeForce 7350 LE	74	2295	NA	NA
GeForce 7500 LE	84	2265	NA	NA
GeForce 7600 GS	158	2075	1.31	\$120.70*
GeForce 7600 GT	237	1976	1.19	\$199.00*
GeForce 7650 GS	134	2133	NA	NA
GeForce 7800 GS	177	2048	NA	NA
GeForce 7800 GT	244	1972	3.05	\$80.00*
GeForce 7800 GTX	290	1921	4.06	\$71.60*
GeForce 7900 GS	253	1962	NA	NA
GeForce 7900 GT	258	1957	1.30	\$199.00*
GeForce 7900 GT/GTO	247	1969	NA	NA
GeForce 7900 GTX	387	1834	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7950 GT	346	1871	1.36	\$254.80*



Videocard Name	Passmark G3D Mark (higher is	Rank (lower is	Videocard Value (higher is	Price (USD)
GeForce 7800 GLE	287	1925	NA	NA
GeForce 7950 Xtreme	287	1925	NA	NA
GeForce 8100 / nForce 720a	79	2288	NA	NA
GeForce 8200	155	2077	NA	NA
GeForce 8200M G	65	2329	NA	NA
GeForce 8300	101	2225	4.48	\$22.68*
GeForce 8300 GS	115	2183	NA	NA
GeForce 8400	81	2281	0.14	\$589.99*
GeForce 8400 GS	156	2076	1.82	\$85.97*
GeForce 8400 SE	68	2317	NA	NA
GeForce 8400M G	105	2212	NA	NA
GeForce 8400M GS	100	2228	1.29	\$78.20*
GeForce 8400M GT	66	2325	NA	NA
GeForce 8500 GT	149	2086	NA	NA
GeForce 8600 GS	91	2253	NA	NA
GeForce 8600 GT	131	2136	0.67	\$196.00*
GeForce 8600 GTS	169	2059	0.70	\$241.99*
GeForce 8600M GS	88	2261	NA	NA
GeForce 8600M GT	153	2079	1.42	\$108.10*
GeForce 8700M GT	124	2155	NA	NA
GeForce 8800 GS	330	1887	NA	NA
GeForce 8800 GT	462	1771	2.17	\$213.54*
GeForce 8800 GTS	412	1817	5.15	\$79.99*
GeForce 8800 GTS 512	549	1660	NA	NA
GeForce 8800 GTX	579	1616	4.83	\$119.99*
GeForce 8800 Ultra	642	1534	0.93	\$687.77
GeForce 8800M GTS	382	1835	NA	NA
GeForce 8800M GTX	462	1772	NA	NA
GeForce 9100	81	2276	NA	NA
GeForce 9100M G	68	2318	NA	NA
GeForce 9200	169	2062	NA	NA
GeForce 9200M GE	143	2101	NA	NA
GeForce 9200M GS	129	2141	NA	NA
GeForce 9300	126	2148	2.15	\$59.00*
GeForce 9300 / nForce 730i	128	2142	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300 SE	102	2222	1.71	\$59.95*
GeForce 9300 GS	81	2280	NA	NA
GeForce 9300GE	97	2236	1.01	\$97.20*
GeForce 9300M G	84	2268	NA	NA
GeForce 9300M GS	118	2173	2.73	\$43.42*
GeForce 9400	143	2102	NA	NA
GeForce 9400 GT	168	2064	2.61	\$64.78*
GeForce 9400M	101	2226	NA	NA
GeForce 9400M G	67	2321	NA	NA
GeForce 9450	104	2213	NA	NA
GeForce 9500 GS	215	2004	NA	NA
GeForce 9500 GT	174	2051	2.03	\$85.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9500M	103	2218	1.02	\$101.20*
GeForce 9500M G	121	2165	NA	NA
GeForce 9500M GS	134	2132	NA	NA
GeForce 9600 GS	281	1933	NA	NA
GeForce 9600 GSO	323	1895	3.01	\$107.39*
GeForce 9600 GSO 512	329	1888	NA	NA
GeForce 9600 GT	476	1750	7.33	\$64.99*
GeForce 9600M GS	130	2137	NA	NA
GeForce 9600M GT	149	2085	1.92	\$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1918	NA	NA
GeForce 9650M GS	270	1942	NA	NA
GeForce 9650M GT	137	2121	1.17	\$117.30*
GeForce 9700M GT	208	2015	NA	NA
GeForce 9700M GTS	278	1935	NA	NA
GeForce 9800 GT	454	1779	3.03	\$149.99
GeForce 9800 GT 1024MB	134	2130	NA	NA
GeForce 9800 GTX	769	1407	10.26	\$74.99*
GeForce 9800 GTX+	494	1730	NA	NA
GeForce 9800 GTX/9800 GTX+	593	1595	6.60	\$89.99*
GeForce 9800 GX2	612	1577	3.14	\$195.00*
GeForce 9800 S	635	1542	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9800M GT	381	1838	NA	NA
GeForce 9800M GTS	356	1864	NA	NA
GeForce 9800M GTX	454	1777	1.38	\$328.50*
GeForce FX 5100	7	2542	NA	NA
GeForce FX 5200	7	2545	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2522	NA	NA
GeForce FX 5200LE	7	2549	0.16	\$42.99*
GeForce FX 5200SE	11	2523	NA	NA
GeForce FX 5500	8	2537	0.05	\$153.97*
GeForce FX 5600	12	2520	NA	NA
GeForce FX 5600 Ultra	17	2511	NA	NA
GeForce FX 5600XT	9	2533	NA	NA
GeForce FX 5700	40	2405	NA	NA
GeForce FX 5700 Ultra	34	2442	NA	NA
GeForce FX 5700LE	24	2486	NA	NA
GeForce FX 5700VE	33	2450	NA	NA
GeForce FX 5900	34	2439	NA	NA
GeForce FX 5900 Ultra	41	2404	NA	NA
GeForce FX 5900XT	40	2410	NA	NA
GeForce FX 5900ZT	32	2455	NA	NA
GeForce FX 5950 Ultra	59	2343	NA	NA
GeForce FX Go5300	12	2521	NA	NA
GeForce FX Go5650	16	2512	NA	NA
GeForce FX Go5700	51	2363	NA	NA
GeForce FX Go 5200	8	2535	NA	NA
GeForce FX Go 5600	17	2509	NA	NA
GeForce G100	176	2049	8.83	\$19.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G102M	167	2067	NA	NA
GeForce G105M	133	2134	NA	NA
GeForce G200	136	2124	NA	NA
GeForce G205M	91	2255	NA	NA
GeForce G210	124	2156	1.02	\$122.12*
GeForce G210M	129	2140	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G 100M	62	2333	NA	NA
GeForce G 105M	62	2333	NA	NA
GeForce Go 6100	17	2508	NA	NA
GeForce Go 6150	19	2501	NA	NA
GeForce Go 6200	15	2515	NA	NA
GeForce Go 6400	24	2487	NA	NA
GeForce Go 6600	69	2312	NA	NA
GeForce Go 6600 TE/6200 TE	44	2391	NA	NA
GeForce Go 6800	106	2210	NA	NA
GeForce Go 6800 Ultra	137	2120	NA	NA
GeForce Go 7200	45	2389	NA	NA
GeForce Go 7300	52	2360	NA	NA
GeForce Go 7400	65	2328	NA	NA
GeForce Go 7600	127	2145	NA	NA
GeForce Go 7600 GT	210	2011	NA	NA
GeForce Go 7700	147	2091	NA	NA
GeForce Go 7800	114	2186	NA	NA
GeForce Go 7800 GTX	209	2013	NA	NA
GeForce Go 7900 GS	177	2047	NA	NA
GeForce Go 7900 GTX	270	1941	NA	NA
GeForce Go 7950 GTX	263	1949	NA	NA
GeForce GPU	1161	1157	NA	NA
GeForce GT625M	451	1785	NA	NA
GeForce GT 120	165	2069	5.53	\$29.99*
GeForce GT 120 / 9500 GT	324	1891	NA	NA
GeForce GT 120M	150	2082	NA	NA
GeForce GT 130	381	1839	2.52	\$151.34*
GeForce GT 130M	145	2097	NA	NA
GeForce GT 140	657	1513	NA	NA
GeForce GT 220	221	1995	5.54	\$39.99*
GeForce GT 220M	121	2164	NA	NA
GeForce GT 230	323	1894	7.35	\$43.99*
GeForce GT 230M	215	2003	NA	NA
GeForce GT 240	500	1722	3.11	\$160.97*
GeForce GT 240M	213	2007	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 320	106	2207	1.00	\$92.00
GeForce GT 320M	106	2207	NA	NA
GeForce GT 325M	169	2060	NA	NA
GeForce GT 330	396	1829	9.92	\$39.99*
GeForce GT 330M	218	2000	NA	NA
GeForce GT 335M	374	1847	NA	NA
GeForce GT 340	738	1437	13.93	\$52.99*
GeForce GT 415	251	1963	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 415M	286	1926	NA	NA
GeForce GT 420	425	1803	2.75	\$155.00*
GeForce GT 420M	393	1831	NA	NA
GeForce GT 425M	516	1704	NA	NA
GeForce GT 430	602	1588	4.30	\$139.99*
GeForce GT 435M	535	1678	NA	NA
GeForce GT 440	773	1395	3.44	\$225.00*
GeForce GT 445M	811	1370	NA	NA
GeForce GT 520	319	1901	1.05	\$304.00*
GeForce GT 520M	285	1927	9.55	\$29.95*
GeForce GT 520MX	284	1928	NA	NA
GeForce GT 525M	454	1778	NA	NA
GeForce GT 530	666	1503	13.60	\$49.00*
GeForce GT 540M	478	1742	5.44	\$87.95*
GeForce GT 545	1109	1173	19.96	\$55.59*
GeForce GT 550M	569	1634	NA	NA
GeForce GT 555M	652	1520	3.68	\$177.20*
GeForce GT 610	323	1893	2.31	\$139.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1853	NA	NA
GeForce GT 620	381	1837	2.48	\$154.00*
GeForce GT 620M	430	1801	NA	NA
GeForce GT 625	359	1863	NA	NA
GeForce GT 625M	497	1726	NA	NA
GeForce GT 630	681	1490	4.63	\$147.01*
GeForce GT 630M	532	1684	NA	NA
GeForce GT 635	816	1364	12.19	\$66.94*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 630M	1169	1149	10.63	\$109.99*
GeForce GT 640	930	1281	NA	NA
GeForce GT 640M	703	1471	0.83	\$849.99*
GeForce GT 640M LE	2005	854	NA	NA
GeForce GT 645	937	1273	NA	NA
GeForce GT 645M	1201	1137	NA	NA
GeForce GT 705	350	1868	1.18	\$296.76*
GeForce GT 710	622	1559	2.49	\$249.99*
GeForce GT 710M	437	1795	NA	NA
GeForce GT 720	635	1544	6.35	\$99.99*
GeForce GT 720A	573	1631	NA	NA
GeForce GT 720M	449	1787	NA	NA
GeForce GT 730	827	1351	8.15	\$101.49*
GeForce GT 730A	742	1432	NA	NA
GeForce GT 730M	811	1369	NA	NA
GeForce GT 735M	652	1519	NA	NA
GeForce GT 740	1467	1052	6.19	\$236.99*
GeForce GT 740A	667	1502	NA	NA
GeForce GT 740M	792	1383	NA	NA
GeForce GT 745A	1237	1120	NA	NA
GeForce GT 745M	1097	1179	NA	NA
GeForce GT 750M	1328	1091	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 755M	1712	954	NA	NA
GeForce GT 820M	553	1654	NA	NA
GeForce GT 1030	2431	739	22.80	\$106.62
GeForce GTS 150M	504	1720	NA	NA
GeForce GTS 160M	678	1493	NA	NA
GeForce GTS 240	556	1649	8.56	\$64.99*
GeForce GTS 250	588	1600	6.84	\$86.06*
GeForce GTS 250M	553	1653	NA	NA
GeForce GTS 350M	380	1841	NA	NA
GeForce GTS 360M	644	1531	NA	NA
GeForce GTS 450	1321	1092	9.84	\$134.23*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 260	1200	1138	7.51	\$159.99*
GeForce GTX 260M	380	1840	NA	NA
GeForce GTX 275	1377	1076	3.19	\$431.72*
GeForce GTX 280	1277	1107	2.44	\$522.78*
GeForce GTX 280M	575	1625	NA	NA
GeForce GTX 285	1500	1039	12.51	\$119.99*
GeForce GTX 285M	636	1541	NA	NA
GeForce GTX 295	1200	1138	7.51	\$159.99*
GeForce GTX 460	2272	779	25.25	\$89.99*
GeForce GTX 460 SE	1990	863	12.44	\$159.99*
GeForce GTX 460 v2	1865	906	9.33	\$199.99*
GeForce GTX 460M	1214	1129	NA	NA
GeForce GTX 465	2653	698	13.61	\$195.00*
GeForce GTX 470	3133	636	52.24	\$59.99*
GeForce GTX 470M	1953	879	NA	NA
GeForce GTX 480	4121	530	24.24	\$169.99*
GeForce GTX 480M	1617	992	NA	NA
GeForce GTX 485M	2359	757	NA	NA
GeForce GTX 550 Ti	1558	1014	15.58	\$99.99*
GeForce GTX 555	1571	1010	NA	NA
GeForce GTX 560	2765	682	13.49	\$205.00*
GeForce GTX 560 SE	1847	911	20.53	\$89.99*
GeForce GTX 560 Ti	3065	642	23.58	\$129.99*
GeForce GTX 560M	1275	1108	NA	NA
GeForce GTX 570	3922	542	26.15	\$149.99*
GeForce GTX 570M	1877	900	NA	NA
GeForce GTX 580	4630	493	9.48	\$488.59*
GeForce GTX 580M	2074	832	8.34	\$248.68*
GeForce GTX 590	3341	603	7.68	\$435.00*
GeForce GTX 645	1880	899	NA	NA
GeForce GTX 650	1749	942	12.17	\$143.80*
GeForce GTX 650 Ti	2527	724	27.17	\$93.05*
GeForce GTX 650 Ti BOOST	3389	598	NA	NA
GeForce GTX 660	4021	536	23.94	\$167.95*
GeForce GTX 660 Ti	4408	514	30.62	\$144.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 660	5339	426	27.53	\$193.98*
GeForce GTX 670	5339	426	27.53	\$193.98*
GeForce GTX 670M	1745	944	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 670MX	1971	869	NA	NA
GeForce GTX 675M	1925	885	NA	NA
GeForce GTX 675MX	2923	658	NA	NA
GeForce GTX 680	5593	405	14.02	\$399.00*
GeForce GTX 680M	3277	612	24.10	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	581	NA	NA
GeForce GTX 680MX	3686	568	NA	NA
GeForce GTX 690	5466	418	19.46	\$280.99*
GeForce GTX 745	2133	815	7.49	\$284.95*
GeForce GTX 750	3336	605	24.66	\$135.29*
GeForce GTX 750 Ti	3900	543	44.27	\$88.11*
GeForce GTX 760	4804	474	32.24	\$149.00*
GeForce GTX 760 Ti	5317	428	17.87	\$297.50*
GeForce GTX 760 Ti OEM	5427	422	NA	NA
GeForce GTX 760A	1226	1126	NA	NA
GeForce GTX 760M	1715	952	NA	NA
GeForce GTX 765M	2015	850	10.82	\$186.30*
GeForce GTX 770	5941	384	23.86	\$249.00*
GeForce GTX 770M	2796	674	20.27	\$138.00*
GeForce GTX 775M	3708	564	NA	NA
GeForce GTX 780	7994	303	28.55	\$279.99*
GeForce GTX 780 Ti	9459	259	27.82	\$339.99*
GeForce GTX 780M	3807	556	7.63	\$499.00*
GeForce GTX 850A	1049	1206	NA	NA
GeForce GTX 850M	2524	726	NA	NA
GeForce GTX 850M - MODDED	1091	1182	NA	NA
GeForce GTX 860M	3077	641	27.00	\$114.00*
GeForce GTX 870M	3496	590	NA	NA
GeForce GTX 880M	3817	555	NA	NA
GeForce GTX 950	5343	425	37.63	\$141.99*
GeForce GTX 950A	2593	708	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 960	6113	378	35.55	\$172.00*
GeForce GTX 960A	3464	594	NA	NA
GeForce GTX 960M	3362	601	2.88	\$1,169.00*
GeForce GTX 965M	3823	553	NA	NA
GeForce GTX 970	9642	251	40.52	\$237.99*
GeForce GTX 970M	5690	398	27.10	\$209.99*
GeForce GTX 970XM FORCE	6706	347	NA	NA
GeForce GTX 980	11111	223	44.92	\$247.35*
GeForce GTX 980 Ti	13747	153	21.33	\$644.61*
GeForce GTX 980M	7351	330	25.35	\$289.99*
GeForce GTX 1050	5032	460	21.06	\$239.00*
GeForce GTX 1050 3GB	5118	450	NA	NA
GeForce GTX 1050 (Mobile)	4462	508	NA	NA
GeForce GTX 1050 Ti	6336	364	15.32	\$413.53*
GeForce GTX 1050 Ti (Mobile)	5917	387	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5306	429	NA	NA
GeForce GTX 1050 with Max-Q Design	4018	537	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1060	10078	242	30.56	\$329.80*
GeForce GTX 1060 3GB	9798	246	41.61	\$235.47*
GeForce GTX 1060 5GB	9085	271	18.62	\$487.99*
GeForce GTX 1060 (Mobile)	8160	297	NA	NA
GeForce GTX 1060 with Max-Q Design	7858	308	NA	NA
GeForce GTX 1070	13501	160	28.42	\$475.00*
GeForce GTX 1070 (Mobile)	10465	234	NA	NA
GeForce GTX 1070 Ti	14681	140	25.76	\$569.99*
GeForce GTX 1070 with Max-Q Design	9847	243	NA	NA
GeForce GTX 1080	15581	121	35.19	\$442.79*
GeForce GTX 1080 Ti	18596	84	38.44	\$483.82*
GeForce GTX 1080 with Max-Q Design	11422	219	NA	NA
GeForce GTX 1630	4976	463	26.20	\$189.99*
GeForce GTX 1650	7879	307	28.81	\$273.45
GeForce GTX 1650 (Mobile)	6968	340	NA	NA
GeForce GTX 1650 SUPER	10183	238	42.43	\$239.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1660 Ti	11658	213	34.30	\$339.90*
GeForce GTX 1650 Ti with Max-Q Design	6498	358	NA	NA
GeForce GTX 1650 with Max-Q Design	6228	369	NA	NA
GeForce GTX 1660	11658	213	34.30	\$339.90*
GeForce GTX 1660 SUPER	12711	182	36.22	\$350.93
GeForce GTX 1660 Ti	12907	179	29.67	\$435.00*
GeForce GTX 1660 Ti (Mobile)	10143	239	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8605	283	NA	NA
GeForce GTX Titan	8195	294	11.00	\$745.00*
GeForce GTX TITAN Black	9184	267	6.56	\$1,399.99
GeForce GTX TITAN X	12759	181	11.63	\$1,096.99*
GeForce GTX TITAN Z	8904	275	5.88	\$1,515.00*
GeForce MX110	1416	1070	NA	NA
GeForce MX130	1817	923	NA	NA
GeForce MX150	2260	785	38.13	\$59.29*
GeForce MX230	1830	918	NA	NA
GeForce MX250	2390	746	NA	NA
GeForce MX330	2394	745	NA	NA
GeForce MX350	2807	672	NA	NA
GeForce MX450	3751	562	NA	NA
GeForce MX550	4540	500	NA	NA
GeForce MX570	5783	393	NA	NA
GeForce MX570 A	6191	371	NA	NA
GeForce PCX 5300	6	2559	NA	NA
GeForce PCX 5750	34	2437	NA	NA
GeForce PCX 5900	34	2443	NA	NA
GeForce RTX 2050	7754	312	NA	NA
GeForce RTX 2060	14115	146	55.54	\$254.15
GeForce RTX 2060 12GB	15958	113	NA	NA
GeForce RTX 2060 (Mobile)	11352	220	NA	NA
GeForce RTX 2060 SUPER	16473	105	41.18	\$399.99*
GeForce RTX 2060 with Max-Q Design	9742	248	NA	NA
GeForce RTX 2070	16108	110	41.36	\$389.46*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070 (Mobile)	12357	191	NA	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070 SUPER	13616	156	NA	NA
GeForce RTX 2070 Super with Max-Q Design	13616	156	NA	NA
GeForce RTX 2070 with Max-Q Design	11539	215	NA	NA
GeForce RTX 2080	18756	83	23.43	\$800.61*
GeForce RTX 2080 (Mobile)	15013	137	NA	NA
GeForce RTX 2080 SUPER	19507	77	28.48	\$684.86*
GeForce RTX 2080 Super with Max-Q Design	13575	159	NA	NA
GeForce RTX 2080 Ti	21588	59	16.67	\$1,295.00*
GeForce RTX 2080 with Max-Q Design	12911	178	6.15	\$2,099.99*
GeForce RTX 3050 4GB Laptop GPU	9464	258	35.05	\$269.99*
GeForce RTX 3050 6GB	10722	229	53.61	\$199.99
GeForce RTX 3050 6GB Laptop GPU	10271	236	NA	NA
GeForce RTX 3050 8GB	12589	186	52.46	\$239.99
GeForce RTX 3050 A Laptop GPU	11820	205	NA	NA
GeForce RTX 3050 OEM	11841	203	52.90	\$223.83
GeForce RTX 3050 Ti Laptop GPU	10121	240	NA	NA
GeForce RTX 3060 8GB	15265	131	NA	NA
GeForce RTX 3060 12GB	16848	102	51.06	\$329.99
GeForce RTX 3060 Laptop GPU	13247	167	42.74	\$309.99*
GeForce RTX 3060 Ti	20383	62	38.46	\$529.99*
GeForce RTX 3070	22244	54	8.22	\$2,704.58*
GeForce RTX 3070 Laptop GPU	15361	128	NA	NA
GeForce RTX 3070 Ti	23393	43	19.49	\$1,199.99*
GeForce RTX 3070 Ti Laptop GPU	17802	88	NA	NA
GeForce RTX 3080	25134	36	13.33	\$1,885.88
GeForce RTX 3080 12GB	26577	34	NA	NA
GeForce RTX 3080 Laptop GPU	16420	106	NA	NA
GeForce RTX 3080 Ti	26927	31	20.25	\$1,329.99
GeForce RTX 3080 Ti Laptop GPU	19415	79	NA	NA
GeForce RTX 3090	26656	33	14.72	\$1,811.06*
GeForce RTX 3090 Ti	29516	16	14.83	\$1,990.00*
GeForce RTX 4050 Laptop GPU	14433	143	NA	NA
GeForce RTX 4060	19710	72	50.80	\$387.99
GeForce RTX 4060 Laptop GPU	17532	90	NA	NA
GeForce RTX 4060 Ti	22736	48	51.67	\$439.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4000 Ti SUPER	26951	29	45.68	\$589.99*
GeForce RTX 4070	26951	29	45.68	\$589.99*
GeForce RTX 4070 Laptop GPU	19584	75	NA	NA
GeForce RTX 4070 SUPER	29976	14	35.39	\$847.13*
GeForce RTX 4070 Ti	31641	10	34.81	\$909.03*
GeForce RTX 4070 Ti SUPER	31733	9	18.65	\$1,701.19*
GeForce RTX 4080	34465	5	23.01	\$1,498.07*
GeForce RTX 4080 Laptop GPU	24997	38	NA	NA
GeForce RTX 4080 SUPER	34280	6	31.16	\$1,099.99*
GeForce RTX 4090	38266	3	17.77	\$2,153.94*
GeForce RTX 4090 D	31935	8	NA	NA
GeForce RTX 4090 Laptop GPU	27359	26	NA	NA
GeForce RTX 5060 Laptop GPU	19707	73	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 5060 Ti	22469	51	53.50	\$419.99*
GeForce RTX 5070	29014	17	41.45	\$699.99
GeForce RTX 5070 Laptop GPU	19437	78	NA	NA
GeForce RTX 5070 Ti	32714	7	32.71	\$999.99*
GeForce RTX 5070 Ti Laptop GPU	23209	45	NA	NA
GeForce RTX 5080	36007	4	22.79	\$1,579.99*
GeForce RTX 5080 Laptop GPU	28477	22	NA	NA
GeForce RTX 5090	39846	2	NA	NA
GeForce RTX 5090 D	39850	1	NA	NA
GeForce RTX 5090 Laptop GPU	31218	12	NA	NA
GF117	554	1651	NA	NA
Glenfly Arise-GT-10C0	1007	1225	NA	NA
GRID GTX P40-6	4340	519	NA	NA
GRID K1	650	1523	1.65	\$395.00*
GRID K2	2736	686	2.05	\$1,331.97*
GRID K120Q	293	1917	NA	NA
GRID K140Q	727	1447	NA	NA
GRID K160Q	628	1554	NA	NA
GRID K180Q	533	1681	NA	NA
GRID K220Q	912	1291	NA	NA
GRID K240Q	2541	720	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K280Q	2839	666	NA	NA
GRID K520	3516	587	23.44	\$149.99*
GRID M6-0B	911	1292	NA	NA
GRID M6-1Q	2069	833	NA	NA
GRID M6-8Q	3568	583	NA	NA
GRID M10-0B	870	1315	NA	NA
GRID M10-0Q	795	1380	NA	NA
GRID M10-1B	1493	1042	NA	NA
GRID M10-1Q	2384	749	NA	NA
GRID M10-2B	2363	754	NA	NA
GRID M10-2Q	2691	694	NA	NA
GRID M10-4Q	2976	653	NA	NA
GRID M10-8Q	2068	835	NA	NA
GRID M60-0B	1838	915	NA	NA
GRID M60-0Q	827	1352	NA	NA
GRID M60-1B	4456	510	NA	NA
GRID M60-1Q	3694	565	NA	NA
GRID M60-2Q	5203	440	NA	NA
GRID M60-4Q	3831	552	NA	NA
GRID M60-8A	5523	414	NA	NA
GRID M60-8Q	3883	546	NA	NA
GRID P4-1B	2151	808	NA	NA
GRID P4-4Q	6234	368	NA	NA
GRID P4-8A	3206	625	NA	NA
GRID P4-8Q	5355	424	NA	NA
GRID P6-2Q	3925	541	NA	NA
GRID P6-4Q	4429	512	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P40-2B	9842	244	NA	NA
GRID P40-2B4	8160	296	NA	NA
GRID P40-2Q	4130	529	NA	NA
GRID P40-3Q	681	1489	NA	NA
GRID P40-4Q	5145	448	NA	NA
GRID P40-8Q	7432	329	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P40-12Q	8719	280	NA	NA
GRID P40-24Q	8719	280	NA	NA
GRID P100-1B	2223	795	NA	NA
GRID P100-8Q	3267	614	NA	NA
GRID P100-16Q	5944	383	NA	NA
GRID RTX6000-1B	8473	286	NA	NA
GRID RTX6000-6Q	21986	57	NA	NA
GRID RTX6000P-6Q	4777	478	NA	NA
GRID T4-1Q	3302	610	NA	NA
GRID T4-2B	2785	676	NA	NA
GRID T4-2Q	3765	559	NA	NA
GRID T4-4Q	3608	576	NA	NA
GRID T4-8Q	5565	410	NA	NA
GRID T4-16Q	4910	469	NA	NA
GRID V100-8Q	16	2513	NA	NA
GRID V100D-8Q	4155	528	NA	NA
GT 430	223	1992	1.56	\$142.88*
Incredible HD	389	1833	NA	NA
Incredible HD 4000	517	1703	NA	NA
Incredible HD 4600	749	1423	NA	NA
Intel 2nd Generation SandyBridge HD	169	2063	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	2020	NA	NA
Intel 4th Generation Haswell HD	419	1810	NA	NA
Intel 865 Embedded Controller	3	2626	NA	NA
Intel 915G,910G Express	4	2615	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function 0	4	2596	NA	NA
Intel 945G Embedded Chipset Function 0	4	2603	NA	NA
Intel 946GZ Embedded Chipset	3	2641	NA	NA
Intel 946GZ Express	2	2673	NA	NA
Intel 82845G Controller	2	2671	NA	NA
Intel 82845G/GL Controller	2	2659	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2651	NA	NA
Intel 82852/82855 GM/GME Controller	1	2683	NA	NA
Intel 82865G Controller	4	2595	NA	NA
Intel 82915G Express	5	2569	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82915G/GV/910GL Advanced v3.5	2	2658	NA	NA
Intel 82915G/GV/910GL Express	3	2646	NA	NA
Intel 82945G Express	10	2529	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2540	NA	NA
Intel - Express Chipset G41	56	2352	NA	NA
Intel - Express Chipset Q45/Q43	57	2347	NA	NA
Intel Arc	5497	415	15.70	\$350.19*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Arc 130T GPU	6312	365	NA	NA
Intel Arc 130V GPU	4629	494	NA	NA
Intel Arc 140T	5634	400	NA	NA
Intel Arc 140T GPU	6896	342	NA	NA
Intel Arc 140V GPU	5228	437	NA	NA
Intel Arc A310	5436	421	40.92	\$132.86
Intel Arc A310 LP	4787	477	NA	NA
Intel Arc A370M	5115	452	NA	NA
Intel Arc A380	6257	366	40.17	\$155.79
Intel Arc A530M	7624	321	NA	NA
Intel Arc A580	11909	201	66.17	\$179.99*
Intel Arc A730M	9808	245	NA	NA
Intel Arc A750	12404	189	62.02	\$199.99*
Intel Arc A770	13186	169	29.97	\$439.99*
Intel Arc A770M	11983	199	NA	NA
Intel Arc B570	13807	151	NA	NA
Intel Arc B580	15714	117	63.11	\$249.00*
Intel Arc Pro	5701	397	NA	NA
Intel Arc Pro 140T GPU	6672	350	NA	NA
Intel Arc Pro A60	9194	266	NA	NA
Intel B43 Express Chipset	138	2118	NA	NA
Intel Coffee Lake UHD	1158	1159	NA	NA
Intel Extreme Controller	1	2674	NA	NA
Intel G33/G31 Express	40	2411	NA	NA
Intel G35 Express	2097	827	NA	NA
Intel G41 Express Chipset	139	2115	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G41 Express Chipset	137	2119	NA	NA
Intel G45/G43 Express Chipset	137	2119	NA	NA
Intel G45/G43/G41 Express Chipset	67	2319	NA	NA
Intel G965 Express	222	1993	NA	NA
Intel GMA 3150 Express	2	2665	NA	NA
Intel Graphics	3160	631	NA	NA
Intel Haswell HD - GT1	123	2161	NA	NA
Intel Haswell HD - GT2	139	2116	NA	NA
Intel HD 500	300	1914	NA	NA
Intel HD 505	360	1862	NA	NA
Intel HD 510	621	1560	NA	NA
Intel HD 515	637	1539	NA	NA
Intel HD 520	864	1321	NA	NA
Intel HD 530	994	1240	NA	NA
Intel HD 610	691	1479	NA	NA
Intel HD 615	701	1472	NA	NA
Intel HD 630	1113	1172	NA	NA
Intel HD 2000	213	2008	NA	NA
Intel HD 3000	260	1953	0.28	\$945.00*
Intel HD 4000	346	1870	0.22	\$1,592.95*
Intel HD 4400	523	1694	NA	NA
Intel HD 4600	629	1552	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1563	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 5000	585	1611	0.94	\$625.00*
Intel HD 5200	830	1349	NA	NA
Intel HD 5300	404	1824	NA	NA
Intel HD 5500	594	1594	NA	NA
Intel HD 5600	1868	904	NA	NA
Intel HD 6000	874	1313	NA	NA
Intel HD Family	463	1769	NA	NA
Intel HD Graphics 620	921	1285	NA	NA
Intel HD manual-15.28-1861	62	2335	NA	NA
Intel HD manual-gen9_2015-133271	165	2070	NA	NA
Intel HD Modded	112	2194	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (\$USD)
Intel HD P3000	282	1932	NA	NA
Intel HD P630	1219	1128	NA	NA
Intel HD P4000	516	1705	NA	NA
Intel HD P4600	505	1719	NA	NA
Intel HD P4600/P4700	632	1547	NA	NA
Intel Infoshock HD	193	2031	NA	NA
Intel Iris 540	1260	1114	NA	NA
Intel Iris 550	1439	1057	NA	NA
Intel Iris 650	1432	1060	NA	NA
Intel Iris 5100	741	1434	NA	NA
Intel Iris 6100	899	1301	NA	NA
Intel Iris Plus	1808	927	NA	NA
Intel Iris Plus 640	1357	1084	NA	NA
Intel Iris Plus 645	1749	941	NA	NA
Intel Iris Plus 650	1615	993	NA	NA
Intel Iris Plus 655	1721	949	NA	NA
Intel Iris Pro 580	1998	856	NA	NA
Intel Iris Pro 5200	1180	1144	NA	NA
Intel Iris Pro 6100	925	1284	NA	NA
Intel Iris Pro Graphics 6200	1523	1031	NA	NA
Intel Iris Pro P580	1845	912	NA	NA
Intel Iris Pro P6300	1596	1000	NA	NA
Intel Iris Xe	2660	697	NA	NA
Intel Iris Xe MAX	1971	868	NA	NA
Intel Iris Xe MAX 100	1964	872	NA	NA
Intel Media Accelerator	32	2453	NA	NA
Intel Media Accelerator 500	3	2633	NA	NA
Intel Media Accelerator 600	6	2550	NA	NA
Intel Media Accelerator 3150	2	2650	NA	NA
Intel Media Accelerator HD	106	2208	NA	NA
Intel Poison Ivy	738	1436	NA	NA
Intel Q33 Express	7	2547	NA	NA
Intel Q35 Embedded	8	2536	NA	NA
Intel Q35 Express	65	2330	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	2350	NA	NA
<u>Intel Q965/Q963 Express</u>	135	2125	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Intel Skylake HD DT GT2</u>	576	1623	NA	NA
<u>Intel UHD 630</u>	614	1572	NA	NA
<u>Intel UHD Graphics</u>	1495	1041	NA	NA
<u>Intel UHD Graphics 600</u>	317	1903	NA	NA
<u>Intel UHD Graphics 605</u>	367	1854	NA	NA
<u>Intel UHD Graphics 610</u>	688	1483	NA	NA
<u>Intel UHD Graphics 615</u>	722	1450	NA	NA
<u>Intel UHD Graphics 617</u>	855	1326	NA	NA
<u>Intel UHD Graphics 620</u>	1042	1210	NA	NA
<u>Intel UHD Graphics 630</u>	1237	1122	NA	NA
<u>Intel UHD Graphics 710</u>	1078	1190	NA	NA
<u>Intel UHD Graphics 730</u>	1566	1012	NA	NA
<u>Intel UHD Graphics 750</u>	1719	951	NA	NA
<u>Intel UHD Graphics 770</u>	1906	890	NA	NA
<u>Intel UHD Graphics P630</u>	2069	834	NA	NA
<u>Intel UHD Graphics P750</u>	1662	970	NA	NA
<u>Intel US15 Embedded Media and Controller</u>	7	2546	NA	NA
<u>ION</u>	108	2204	0.47	\$229.99*
<u>ION LE</u>	97	2235	NA	NA
<u>L4</u>	7582	323	NA	NA
<u>L4-1Q</u>	258	1956	NA	NA
<u>L4-2Q</u>	5723	396	NA	NA
<u>L4-4Q</u>	4926	467	NA	NA
<u>L4-6Q</u>	4473	506	NA	NA
<u>L20</u>	13429	163	NA	NA
<u>L40-8Q</u>	11670	212	NA	NA
<u>L40S</u>	20022	65	NA	NA
<u>L40S-24Q</u>	4659	492	NA	NA
<u>L40S-48Q</u>	3868	549	NA	NA
<u>M860G with Mobility Radeon 4100</u>	75	2293	NA	NA
<u>M880G with Mobility Radeon HD 4200</u>	92	2249	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>M880G with Mobility Radeon HD 4250</u>	104	2217	NA	NA
<u>Master X3100 Driver</u>	10	2527	NA	NA
<u>Matrox C420 LP PCIe x16</u>	597	1590	NA	NA
<u>Matrox C680 PCIe x16</u>	1903	891	NA	NA
<u>Matrox C900 PCIe x16</u>	1812	925	NA	NA
<u>Matrox G200e WDDM 1.2</u>	59	2342	NA	NA
<u>Matrox G200e WDDM 2.0</u>	100	2229	NA	NA
<u>Matrox G200eh</u>	40	2407	NA	NA
<u>Matrox G200eh WDDM 1.2</u>	51	2361	NA	NA
<u>Matrox G200eh WDDM 2.0</u>	49	2372	NA	NA
<u>Matrox G200eR</u>	36	2429	NA	NA
<u>Matrox G200eR WDDM 1.2</u>	45	2388	NA	NA
<u>Matrox G200eR WDDM 2.0</u>	67	2320	NA	NA
<u>Matrox G200eW</u>	39	2413	NA	NA
<u>Matrox G200eW3 WDDM 2.0</u>	89	2259	NA	NA
<u>Matrox G200eW WDDM 1.2</u>	50	2371	NA	NA
<u>Matrox LUMA A310</u>	3690	567	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Matrox LUMA A310F</u>	3873	548	NA	NA
<u>Matrox LUMA A380P</u>	5811	390	NA	NA
<u>Matrox M9120 PCIe x16</u>	19	2500	NA	NA
<u>Matrox M9120 Plus LP PCIe x16</u>	25	2478	NA	NA
<u>Matrox M9125 PCIe x16</u>	25	2480	NA	NA
<u>Matrox M9128 LP PCIe x16</u>	31	2458	NA	NA
<u>Matrox M9138 LP PCIe x16</u>	42	2400	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	2491	NA	NA
<u>Matrox M9148 LP PCIe x16</u>	40	2409	NA	NA
<u>Matrox M9188 ATX PCIe x16</u>	45	2387	NA	NA
<u>Matrox Millennium P650 PCIe 128</u>	5	2578	NA	NA
<u>Matrox Millennium P690 PCIe x16</u>	366	1856	NA	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2552	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2635	0.01	\$393.99*
<u>Matrox Parhelia 256MB</u>	9	2530	NA	NA
<u>Matrox Parhelia APVe</u>	5	2571	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MEDION RADEON 6850 744</u>	94	2243	NA	NA
<u>MEDION RADEON X740XL</u>	94	2243	NA	NA
<u>Meta Virtual Monitor</u>	7142	333	NA	NA
<u>Mi Pad 5 Adreno 640 GPU</u>	657	1514	NA	NA
<u>Mirage Driver</u>	2038	843	NA	NA
<u>MIRRORV3</u>	1080	1187	NA	NA
<u>Mobile Intel965 Express</u>	17	2510	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	2394	NA	NA
<u>Mobile Intel 45 Express</u>	39	2416	NA	NA
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	2178	NA	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	1	2677	NA	NA
<u>Mobile Intel 945 Express</u>	1	2678	NA	NA
<u>Mobile Intel 945GM Express</u>	5	2566	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2579	NA	NA
<u>Mobile Intel 965 Express</u>	46	2384	NA	NA
<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	2538	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	2488	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	2419	NA	NA
<u>Mobile Intel HD</u>	244	1971	0.51	\$479.98*
<u>Mobile Intel serie 4 Express</u>	44	2393	NA	NA
<u>MOBILITY FIREGL 7800</u>	4	2592	NA	NA
<u>MOBILITY FIREGL T2</u>	40	2406	NA	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	2446	NA	NA
<u>MOBILITY FireGL V3200</u>	62	2337	NA	NA
<u>MOBILITY FireGL V5000</u>	81	2279	NA	NA
<u>MOBILITY FireGL V5200</u>	44	2390	NA	NA
<u>MOBILITY FireGL V5250</u>	27	2469	NA	NA
<u>Mobility FireGL V5725</u>	219	1999	NA	NA
<u>MOBILITY IGP 9000/9100</u>	10	2528	NA	NA
<u>Mobility Radeon 4100</u>	81	2283	NA	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	2558	NA	NA
<u>MOBILITY RADEON 7500</u>	3	2629	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2639	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MOBILITY RADEON 9000 IGP</u>	7	2541	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (\$USD)
<u>MOBILITY RADEON 9000/9100 IGP</u>	2	2649	NA	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2649	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2648	NA	NA
<u>MOBILITY RADEON 9550</u>	30	2463	NA	NA
<u>MOBILITY RADEON 9600</u>	36	2433	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2484	NA	NA
<u>MOBILITY RADEON 9600/9700</u>	39	2417	NA	NA
<u>MOBILITY RADEON 9700</u>	27	2468	NA	NA
<u>MOBILITY RADEON 9800</u>	46	2385	NA	NA
<u>Mobility Radeon HD 530v</u>	174	2050	NA	NA
<u>Mobility Radeon HD 540v</u>	188	2038	NA	NA
<u>Mobility Radeon HD 545v</u>	199	2025	NA	NA
<u>Mobility Radeon HD 550v</u>	266	1947	NA	NA
<u>Mobility Radeon HD 560v</u>	318	1902	NA	NA
<u>Mobility Radeon HD 565v</u>	353	1867	NA	NA
<u>Mobility Radeon HD 2300</u>	50	2368	NA	NA
<u>Mobility Radeon HD 2400</u>	89	2258	NA	NA
<u>Mobility Radeon HD 2400 XT</u>	102	2223	NA	NA
<u>Mobility Radeon HD 2600</u>	167	2066	NA	NA
<u>Mobility Radeon HD 2600 XT</u>	191	2034	NA	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	2197	NA	NA
<u>Mobility Radeon HD 3410</u>	62	2334	NA	NA
<u>Mobility Radeon HD 3430</u>	98	2234	NA	NA
<u>Mobility Radeon HD 3450</u>	91	2256	NA	NA
<u>Mobility Radeon HD 3470</u>	93	2246	NA	NA
<u>Mobility Radeon HD 3470 Hybrid X2</u>	93	2245	NA	NA
<u>Mobility Radeon HD 3650</u>	141	2107	1.93	\$73.53*
<u>Mobility Radeon HD 3670</u>	232	1982	NA	NA
<u>Mobility Radeon HD 3850</u>	365	1858	NA	NA
<u>Mobility Radeon HD 3870</u>	547	1663	NA	NA
<u>Mobility Radeon HD 3870 X2</u>	477	1745	NA	NA
<u>Mobility Radeon HD 4200</u>	90	2257	NA	NA
<u>Mobility Radeon HD 4225</u>	66	2327	NA	NA
<u>Mobility Radeon HD 4250</u>	98	2232	NA	NA
<u>Mobility Radeon HD 4270</u>	92	2248	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon HD 4000 Series</u>	135	2126	NA	NA
<u>Mobility Radeon HD 4330</u>	135	2126	NA	NA
<u>Mobility Radeon HD 4350</u>	148	2090	NA	NA
<u>Mobility Radeon HD 4550</u>	191	2036	NA	NA
<u>Mobility Radeon HD 4570</u>	149	2087	1.97	\$75.90*
<u>Mobility Radeon HD 4650</u>	401	1827	NA	NA
<u>Mobility Radeon HD 4670</u>	463	1770	NA	NA
<u>Mobility Radeon HD 4830</u>	511	1706	NA	NA
<u>Mobility Radeon HD 4850</u>	866	1319	NA	NA
<u>Mobility Radeon HD 4870</u>	719	1454	NA	NA
<u>Mobility Radeon HD 5000</u>	773	1398	NA	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1740	NA	NA
<u>Mobility Radeon HD 5165</u>	284	1929	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon HD 5430</u>	181	2040	NA	NA
<u>Mobility Radeon HD 5450</u>	214	2006	NA	NA
<u>Mobility Radeon HD 5470</u>	236	1978	NA	NA
<u>Mobility Radeon HD 5570</u>	525	1692	NA	NA
<u>Mobility Radeon HD 5650</u>	443	1791	NA	NA
<u>Mobility Radeon HD 5730</u>	508	1712	NA	NA
<u>Mobility Radeon HD 5850</u>	763	1412	NA	NA
<u>Mobility Radeon HD 5870</u>	1091	1183	NA	NA
<u>Mobility Radeon HD serie 4200</u>	96	2239	NA	NA
<u>MOBILITY RADEON X300</u>	33	2445	NA	NA
<u>MOBILITY RADEON X600</u>	50	2370	NA	NA
<u>MOBILITY RADEON X600 SE</u>	49	2374	NA	NA
<u>MOBILITY RADEON X700</u>	66	2324	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	2339	NA	NA
<u>Mobility Radeon X1300</u>	39	2414	NA	NA
<u>Mobility Radeon X1350</u>	39	2412	NA	NA
<u>Mobility Radeon X1400</u>	42	2397	NA	NA
<u>Mobility Radeon X1450</u>	33	2449	NA	NA
<u>Mobility Radeon X1600</u>	92	2251	NA	NA
<u>Mobility Radeon X1700</u>	104	2214	NA	NA
<u>MOBILITY RADEON X1800</u>	130	2138	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X1000	48	2379	NA	NA
Mobility Radeon X2300	48	2379	NA	NA
Mobility Radeon X2300 HD	48	2378	NA	NA
Mobility Radeon X2500	81	2278	NA	NA
MOBILITY RADEON XPRESS 200	27	2472	NA	NA
Mobility Radeon. HD 5470	215	2005	NA	NA
MOBILITY/RADEON 9000	4	2612	NA	NA
MONSTER GeForce GTX 675M	2637	700	NA	NA
Moore Threads S3000 MTvGPU-1132	1997	858	NA	NA
MxGPU	1282	1105	NA	NA
N16P-GX	1204	1134	NA	NA
N18E-Q1	2525	725	NA	NA
nForce 750a SLI	83	2274	NA	NA
nForce 760i SLI	140	2113	NA	NA
nForce 780a SLI	92	2252	NA	NA
nForce 980a/780a SLI	164	2072	NA	NA
NV44	15	2514	NA	NA
NVIDIA A10	22064	56	NA	NA
NVIDIA A10-4Q	2756	684	NA	NA
NVIDIA A10G	17660	89	NA	NA
NVIDIA A40	13900	150	NA	NA
NVIDIA A40-8Q	4681	490	NA	NA
NVIDIA A40-12Q	4335	520	NA	NA
NVIDIA GeForce3 Ti200	5	2568	NA	NA
NVIDIA TITAN X	13659	155	22.46	\$608.10*
NVIDIA TITAN Xp	18763	82	11.41	\$1,645.00*
NVS 300	121	2166	1.93	\$62.97*
NVS 310	266	1948	4.29	\$62.06*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 315	320	1898	4.58	\$69.99*
NVS 510	682	1488	6.10	\$111.99*
NVS 810	1190	1141	1.90	\$624.99*
NVS 2100M	139	2114	NA	NA
NVS 3100M	118	2175	NA	NA
NVS 4200M	297	1916	0.75	\$399.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 5100M	505	1718	NA	NA
NVS 5200M	505	1718	NA	NA
NVS 5400M	617	1568	NA	NA
OPAL XT/GL	1053	1202	NA	NA
P102-100	2911	662	NA	NA
P104-100	3602	578	12.01	\$299.99*
P106-090	2520	727	NA	NA
P106-100	6644	352	NA	NA
Parsec Virtual Display Adapter	6089	380	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	975	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	981	NA	NA
PHDGD Ivy 4	374	1849	NA	NA
PHDGD Ivy 5	445	1790	NA	NA
PHDGD Quantic C3	116	2179	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2477	NA	NA
PHDGD Solo 1.2.0 x86	11	2526	NA	NA
PHDGD Solo 2 x64	20	2499	NA	NA
Q12U-1	5164	445	NA	NA
Quadro2 MXR/EX	4	2602	NA	NA
Quadro2 Pro	1	2685	NA	NA
Quadro4 380 XGL	6	2553	NA	NA
Quadro4 900 XGL	4	2585	NA	NA
Quadro4 980 XGL	5	2583	0.01	\$341.43*
Quadro 280 NVS PCIe	5	2567	NA	NA
Quadro 400	148	2089	0.70	\$211.00*
Quadro 410	438	1794	3.40	\$129.00*
Quadro 500M	570	1632	2.07	\$275.14*
Quadro 600	525	1691	6.92	\$76.00*
Quadro 1000M	559	1643	10.27	\$54.50*
Quadro 1100M	755	1420	NA	NA
Quadro 2000	946	1264	4.44	\$213.23*
Quadro 2000 D	1239	1116	NA	NA
Quadro 2000D	976	1246	1.72	\$566.12
Quadro 2000M	765	1409	3.33	\$229.74*
Quadro 2100M	1100	1177	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 4000M	1475	1050	2.98	\$495.00*
Quadro 4000	1475	1050	2.98	\$495.00*
Quadro 4000M	1282	1104	5.53	\$232.06*
Quadro 5000	1957	877	0.90	\$2,179.21
Quadro 5000M	2059	839	NA	NA
Quadro 5010M	1691	964	7.17	\$235.95*
Quadro 6000	2698	693	0.66	\$4,092.38*
Quadro 7000	3505	588	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro CX	947	1263	6.32	\$149.95*
Quadro FX 350	85	2264	NA	NA
Quadro FX 350M	44	2392	NA	NA
Quadro FX 360M	86	2262	NA	NA
Quadro FX 370	83	2273	0.67	\$125.00*
Quadro FX 370 Low Profile	102	2220	NA	NA
Quadro FX 370 LP	108	2205	NA	NA
Quadro FX 370M	93	2247	NA	NA
Quadro FX 380	173	2054	2.39	\$72.50*
Quadro FX 380 LP	144	2098	NA	NA
Quadro FX 380M	120	2167	NA	NA
Quadro FX 500/600 PCI	14	2516	NA	NA
Quadro FX 500/FX 600	7	2544	NA	NA
Quadro FX 540	80	2286	1.35	\$59.99*
Quadro FX 550	63	2332	0.22	\$287.82*
Quadro FX 560	113	2189	0.76	\$150.25*
Quadro FX 570	248	1967	2.16	\$115.00*
Quadro FX 570M	99	2230	NA	NA
Quadro FX 580	173	2053	1.34	\$130.00*
Quadro FX 770M	220	1997	0.42	\$527.00*
Quadro FX 880M	230	1985	NA	NA
Quadro FX 1000	34	2441	NA	NA
Quadro FX 1100	35	2434	0.17	\$212.99*
Quadro FX 1300	34	2440	NA	NA
Quadro FX 1400	124	2157	0.51	\$245.01*
Quadro FX 1500	169	2061	0.36	\$465.33

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1000M
Quadro FX 1600M	231	1984	1.54	\$149.90*
Quadro FX 1700	207	2017	0.59	\$350.14*
Quadro FX 1700M	172	2055	NA	NA
Quadro FX 1800	402	1825	2.98	\$135.00*
Quadro FX 1800M	494	1731	NA	NA
Quadro FX 2000	18	2507	NA	NA
Quadro FX 2500M	217	2001	12.45	\$17.50*
Quadro FX 2700	543	1672	NA	NA
Quadro FX 2700M	366	1855	3.67	\$99.95*
Quadro FX 2800M	414	1815	2.18	\$190.00*
Quadro FX 3000	69	2315	0.41	\$166.61*
Quadro FX 3400/4400	104	2216	NA	NA
Quadro FX 3450	148	2088	1.24	\$119.99*
Quadro FX 3450/4000 SDI	179	2044	NA	NA
Quadro FX 3500	259	1955	3.77	\$68.98*
Quadro FX 3500M	306	1911	3.06	\$99.99*
Quadro FX 3600M	466	1763	NA	NA
Quadro FX 3700	372	1850	1.74	\$213.27*
Quadro FX 3700M	452	1782	0.49	\$925.00*
Quadro FX 3800	825	1354	3.19	\$259.13*
Quadro FX 3800M	574	1627	NA	NA
Quadro FX 4000	101	2227	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4500	227	1987	1.34	\$169.00*
Quadro FX 4500 X2	236	1979	NA	NA
Quadro FX 4600	413	1816	1.24	\$333.25*
Quadro FX 4700 X2	676	1497	NA	NA
Quadro FX 4800	995	1237	0.60	\$1,660.81*
Quadro FX 5500	242	1973	0.12	\$1,999.00*
Quadro FX 5600	525	1693	1.78	\$295.00*
Quadro FX 5800	1210	1131	4.42	\$274.00*
Quadro FX Go1400	101	2224	NA	NA
Quadro GP100	15149	133	NA	NA
Quadro GV100	19824	68	2.20	\$8,999.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K1200	641	1535	NA	\$200.00
Quadro K510M	641	1535	NA	NA
Quadro K600	727	1448	12.07	\$60.24*
Quadro K610M	711	1463	2.97	\$240.00*
Quadro K620	2219	797	1.09	\$2,029.99*
Quadro K620M	1163	1154	NA	NA
Quadro K1000M	771	1401	11.03	\$69.95*
Quadro K1100M	1087	1186	3.37	\$322.99*
Quadro K1200	2955	655	10.36	\$285.29*
Quadro K2000	1579	1006	5.37	\$294.00*
Quadro K2000D	1590	1002	4.68	\$339.99*
Quadro K2000M	1003	1227	6.97	\$144.04*
Quadro K2100M	1365	1079	3.28	\$415.99*
Quadro K2200	3574	580	13.32	\$268.30*
Quadro K2200M	3501	589	28.02	\$124.95*
Quadro K3000M	1643	980	4.03	\$407.56*
Quadro K3100M	2261	783	5.66	\$399.95*
Quadro K4000	2721	691	10.08	\$270.00*
Quadro K4000M	1977	867	7.79	\$254.00*
Quadro K4100M	2775	677	10.62	\$261.29*
Quadro K4200	4341	518	17.44	\$249.00*
Quadro K5000	3976	540	15.97	\$249.00*
Quadro K5000M	2806	673	5.51	\$508.91*
Quadro K5100M	3209	624	2.89	\$1,108.84*
Quadro K5200	6135	376	14.78	\$415.00*
Quadro K6000	8095	300	38.43	\$210.66*
Quadro M500M	1176	1146	NA	NA
Quadro M520	1898	895	NA	NA
Quadro M600M	2190	802	8.69	\$251.99*
Quadro M620	2774	678	NA	NA
Quadro M1000M	2833	668	32.95	\$85.99*
Quadro M1200	3210	623	NA	NA
Quadro M2000	4004	539	15.15	\$264.24*
Quadro M2000M	3445	596	16.16	\$213.16*
Quadro M2200	4283	523	17.14	\$249.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M1000M	5012	100	0.104	\$100.00
Quadro M4000	6683	349	18.46	\$362.00*
Quadro M4000M	6144	375	24.11	\$254.91*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M5000	9438	261	18.91	\$499.00*
Quadro M5000M	7031	337	12.86	\$546.92*
Quadro M5500	7915	306	NA	NA
Quadro M6000	11768	207	2.39	\$4,933.21*
Quadro M6000 24GB	11925	200	NA	NA
Quadro NVS 55/280 PCI	6	2561	NA	NA
Quadro NVS 110M	47	2381	NA	NA
Quadro NVS 120M	46	2383	NA	NA
Quadro NVS 130M	97	2238	NA	NA
Quadro NVS 135M	50	2369	NA	NA
Quadro NVS 140M	78	2290	NA	NA
Quadro NVS 150M	70	2309	NA	NA
Quadro NVS 160M	141	2108	NA	NA
Quadro NVS 210S	23	2489	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2498	NA	NA
Quadro NVS 280 PCI	8	2539	0.06	\$130.00*
Quadro NVS 280 SD	2	2667	NA	NA
Quadro NVS 285	43	2396	0.26	\$169.86*
Quadro NVS 285 128MB	38	2421	0.70	\$55.00*
Quadro NVS 290	228	1986	3.86	\$59.00*
Quadro NVS 295	110	2199	1.75	\$63.00*
Quadro NVS 320M	208	2016	NA	NA
Quadro NVS 420	120	2169	0.80	\$150.00*
Quadro NVS 440	37	2425	0.16	\$228.87*
Quadro NVS 450	66	2323	0.12	\$559.99
Quadro NVS 510M	238	1975	NA	NA
Quadro P400	1652	976	8.21	\$201.17*
Quadro P500	1650	978	NA	NA
Quadro P520	2077	831	1.39	\$1,499.00*
Quadro P600	3323	608	15.78	\$210.58*
Quadro P620	3666	571	6.38	\$574.55*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P1000	1002	500	10.00	\$200.00
Quadro P2000	6946	341	15.80	\$439.60*
Quadro P2000 with Max-Q Design	5263	432	NA	NA
Quadro P2200	9363	263	20.36	\$459.80*
Quadro P3000	6415	362	NA	NA
Quadro P3200	8685	281	22.31	\$389.30*
Quadro P3200 with Max-Q Design	8989	273	NA	NA
Quadro P4000	11527	216	20.73	\$556.19*
Quadro P4000 with Max-Q Design	9082	272	NA	NA
Quadro P4200	10708	230	NA	NA
Quadro P4200 with Max-Q Design	11703	210	NA	NA
Quadro P5000	12649	184	6.77	\$1,868.99*
Quadro P5200	11841	204	NA	NA
Quadro P5200 with Max-Q Design	12308	194	NA	NA
Quadro P6000	15435	124	4.75	\$3,250.00*
Quadro RTX 3000	10965	225	NA	NA
Quadro RTX 3000 with Max-Q Design	8170	295	NA	NA
Quadro RTX 4000	15182	132	16.89	\$899.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 4000 (Mobile)	11676	211	NA	NA
Quadro RTX 4000 with Max-Q Design	12403	190	NA	NA
Quadro RTX 5000	15667	118	NA	NA
Quadro RTX 5000 (Mobile)	14832	139	NA	NA
Quadro RTX 5000 with Max-Q Design	13011	177	NA	NA
Quadro RTX 6000	18502	85	2.94	\$6,300.00*
Quadro RTX 8000	19861	67	5.28	\$3,760.00*
Quadro T1000	6491	359	17.55	\$369.99*
Quadro T1000 with Max-Q Design	6756	345	NA	NA
Quadro T2000	7229	332	13.68	\$528.35*
Quadro T2000 with Max-Q Design	6874	343	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	763	1410	NA	NA
Qualcomm Adreno 7c+ Gen 3	688	1484	NA	NA
Qualcomm Adreno 8cx Gen 3	1962	873	NA	NA
Qualcomm Adreno 540 GPU	126	2151	NA	NA
Qualcomm Adreno 618 GPU	127	2146	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Qualcomm Adreno 600 GPU	539	1675	NA	NA
Qualcomm Adreno 675 GPU	539	1675	NA	NA
Qualcomm Adreno 680 GPU	866	1318	NA	NA
Qualcomm Adreno 685 GPU	975	1247	NA	NA
Qualcomm Adreno 690 GPU	1052	1203	NA	NA
Qualcomm Adreno X1-45 GPU	1762	937	NA	NA
Qualcomm Adreno X1-85 GPU	2912	661	NA	NA
QXL KMDOD	18	2502	NA	NA
Radeon 520	865	1320	9.62	\$89.99*
Radeon 530	1027	1216	NA	NA
Radeon 535	1062	1196	NA	NA
Radeon 535DX	773	1394	NA	NA
Radeon 540	1412	1072	NA	NA
Radeon 540X	1471	1051	NA	NA
Radeon 550	2124	817	14.94	\$142.20*
Radeon 550X	1414	1071	NA	NA
Radeon 610M	1104	1175	NA	NA
Radeon 610M Ryzen 9 7845HX	11463	217	NA	NA
Radeon 610M Ryzen 9 7940HX	1525	1030	NA	NA
Radeon 610M Ryzen 9 7945HX	1603	998	NA	NA
Radeon 610M Ryzen 9 7945HX3D	1752	939	NA	NA
Radeon 620	933	1278	NA	NA
Radeon 625	1073	1192	NA	NA
Radeon 630	1514	1033	NA	NA
Radeon 660M	3341	602	NA	NA
Radeon 660M Ryzen 3 7335U	2112	821	NA	NA
Radeon 660M Ryzen 5 6600H	4461	509	NA	NA
Radeon 660M Ryzen 5 7535HS	2986	650	NA	NA
Radeon 680M Ryzen 7 7735HS	4580	497	NA	NA
Radeon 680M Ryzen 9 6900HX	5613	403	NA	NA
Radeon 740M	3221	621	NA	NA
Radeon 760M	5606	404	NA	NA
Radeon 780M	6990	339	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 840M	4009	538	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 8500M	7755	311	NA	NA
Radeon 880M	7755	311	NA	NA
Radeon 890M	8439	288	NA	NA
Radeon 2100	59	2340	0.31	\$190.99*
Radeon 3000	98	2233	0.31	\$319.00*
Radeon 3015e	370	1852	NA	NA
Radeon 3020e	471	1757	NA	NA
Radeon 3100	73	2297	0.39	\$189.15*
Radeon 6600M	532	1682	NA	NA
Radeon 6750M	911	1293	NA	NA
Radeon 7000 / Radeon VE	2	2656	NA	NA
RADEON 7000 / RADEON VE Family	3	2621	NA	NA
RADEON 7200	2	2652	0.00	\$599.99*
RADEON 7500	3	2642	0.02	\$177.25*
RADEON 7500 Family	4	2593	NA	NA
Radeon 8050S	15885	114	NA	NA
Radeon 8060S	17094	96	NA	NA
RADEON 8500 Family	6	2554	NA	NA
RADEON 9000	4	2597	NA	NA
RADEON 9000 Family	3	2631	NA	NA
RADEON 9100 Family	6	2560	NA	NA
RADEON 9100 IGP	5	2576	NA	NA
RADEON 9200	3	2628	0.02	\$153.63*
RADEON 9200 LE Family	2	2660	NA	NA
RADEON 9200 PRO Family	2	2653	NA	NA
RADEON 9200 SE	2	2663	NA	NA
RADEON 9250	2	2661	0.01	\$194.00*
RADEON 9500	36	2431	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	2402	NA	NA
RADEON 9550	34	2438	0.12	\$291.74*
Radeon 9550 / X1050	29	2467	NA	NA
RADEON 9600 Family	25	2483	NA	NA
RADEON 9600 PRO	42	2398	NA	NA
RADEON 9600 PRO Family	26	2474	NA	NA
RADEON 9600 TX Family	18	2504	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9600XT	27	2470	NA	NA
RADEON 9600SE	27	2470	NA	NA
RADEON 9700 PRO	53	2355	NA	NA
Radeon 9700 TX w/TV-Out	44	2395	NA	NA
RADEON 9800	57	2348	0.18	\$325.00*
RADEON 9800 PRO	59	2341	NA	NA
RADEON 9800 SE	23	2490	NA	NA
RADEON 9800 XT	56	2351	NA	NA
RADEON A9800XT	22	2495	NA	NA
Radeon Athlon Gold 3150U	781	1386	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	1009	NA	NA
Radeon Athlon PRO 3045B	563	1642	NA	NA
Radeon Athlon Silver 3050U	671	1498	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON E2400	51	2362	NA	NA
RADEON E4690	405	1823	NA	NA
Radeon E6460	323	1892	NA	NA
Radeon E6465	231	1983	NA	NA
Radeon E6760	876	1311	3.65	\$239.99*
Radeon E8860	1686	966	NA	NA
Radeon E8870PCle	3368	600	NA	NA
Radeon Eng Sample: 100-000000144-40_38/38_Y	1753	938	NA	NA
Radeon Eng Sample: 100-000000146-20_37/30_Y	2058	840	NA	NA
Radeon EPYC 4124P 4-Core	1614	994	NA	NA
Radeon EPYC 4244P 6-Core	1424	1066	NA	NA
Radeon EPYC 4344P 8-Core	1634	983	NA	NA
Radeon EPYC 4364P 8-Core	1002	1228	NA	NA
Radeon EPYC 4464P 12-Core	1331	1090	NA	NA
Radeon EPYC 4484PX 12-Core	1619	989	NA	NA
Radeon EPYC 4564P 16-Core	1374	1077	NA	NA
Radeon EPYC 4584PX 16-Core	1661	971	NA	NA
Radeon HD4650	239	1974	1.57	\$152.90*
Radeon HD4670	365	1857	NA	NA
RADEON HD6370D	320	1899	NA	NA
RADEON HD6410D	422	1807	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON HD3600	331	1999	NA	NA
RADEON HD7450	199	2026	8.95	\$22.25*
Radeon HD8530M	490	1732	NA	NA
Radeon HD8970M	3368	599	NA	NA
Radeon HD 2350	76	2291	NA	NA
Radeon HD 2400	120	2168	1.37	\$88.20*
Radeon HD 2400 PCI	14	2517	NA	NA
Radeon HD 2400 Pro	114	2188	NA	NA
Radeon HD 2400 XT	118	2171	NA	NA
Radeon HD 2600 PRO	211	2010	1.12	\$188.44*
Radeon HD 2600 Pro AGP	110	2200	NA	NA
Radeon HD 2600 XT	282	1931	1.78	\$159.00*
Radeon HD 2900 GT	292	1919	NA	NA
Radeon HD 2900 PRO	627	1555	NA	NA
Radeon HD 2900 XT	659	1510	NA	NA
Radeon HD 3000	95	2240	NA	NA
Radeon HD 3200	82	2275	NA	NA
Radeon HD 3300	126	2149	NA	NA
Radeon HD 3450	182	2039	2.05	\$89.00*
Radeon HD 3470	117	2177	1.07	\$109.65*
Radeon HD 3650 AGP	150	2084	0.81	\$185.00*
Radeon HD 3670	168	2065	NA	NA
Radeon HD 3850	401	1826	NA	NA
Radeon HD 3850 AGP	432	1799	NA	NA
Radeon HD 3850 X2	822	1357	NA	NA
Radeon HD 3870	551	1655	2.23	\$247.49*
Radeon HD 3870 X2	586	1607	NA	NA
Radeon HD 4200	111	2196	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4250	122	2162	NA	NA
Radeon HD 4270	109	2201	NA	NA
Radeon HD 4290	140	2110	NA	NA
Radeon HD 4300/4500 Serisi	155	2078	NA	NA
Radeon HD 4330	135	2127	NA	NA
Radeon HD 4350	161	2074	3.16	\$50.99*



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4000	200	1999	1.01	\$100.00
Radeon HD 4650	248	1966	3.56	\$69.99*
Radeon HD 4650 AGP	207	2018	NA	NA
Radeon HD 4670	382	1836	2.67	\$142.96*
Radeon HD 4770	907	1295	7.26	\$124.86*
Radeon HD 4810	769	1406	NA	NA
Radeon HD 4830	844	1337	14.08	\$59.99*
Radeon HD 4850	941	1270	6.72	\$139.99*
Radeon HD 4850 X2	1132	1164	NA	NA
Radeon HD 4870	1386	1074	8.74	\$158.62*
Radeon HD 4870 X2	1309	1095	NA	NA
Radeon HD 4890	1538	1024	17.10	\$89.99*
Radeon HD 5450	136	2123	2.06	\$66.12*
Radeon HD 5470	268	1944	NA	NA
Radeon HD 5550	376	1846	6.85	\$54.99*
Radeon HD 5570	478	1741	2.95	\$162.35*
Radeon HD 5600/5700	615	1571	NA	NA
Radeon HD 5670	800	1375	8.06	\$99.31
Radeon HD 5750	1168	1150	9.81	\$119.09*
Radeon HD 5770	1345	1087	7.08	\$189.99*
Radeon HD 5830	1732	946	6.69	\$258.99*
Radeon HD 5850	1967	871	6.81	\$288.99*
Radeon HD 5870	2199	801	5.12	\$429.99*
Radeon HD 5970	2275	778	3.16	\$721.20*
Radeon HD 6230	179	2045	NA	NA
Radeon HD 6250	93	2244	NA	NA
Radeon HD 6290	104	2215	NA	NA
Radeon HD 6290M	140	2112	NA	NA
Radeon HD 6300M	144	2099	NA	NA
Radeon HD 6310	122	2163	NA	NA
Radeon HD 6320	147	2093	0.27	\$554.99*
Radeon HD 6320 Graphic	216	2002	NA	NA
Radeon HD 6320M	198	2028	NA	NA
RADEON HD 6350	140	2109	2.39	\$59.00*
Radeon HD 6370D	255	1961	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6370M	200	2023	0.50	\$399.99*
Radeon HD 6380G	200	2023	0.50	\$399.99*
Radeon HD 6410D	236	1977	NA	NA
Radeon HD 6430M	192	2033	NA	NA
Radeon HD 6450	197	2029	2.22	\$89.00*
Radeon HD 6450 + 8470D Dual	762	1413	NA	NA
Radeon HD 6450A	260	1954	NA	NA
Radeon HD 6470M	225	1989	0.40	\$569.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6480G	256	1959	NA	NA
Radeon HD 6480M	353	1866	NA	NA
Radeon HD 6490M	377	1842	0.32	\$1,193.03*
Radeon HD 6520G	299	1915	NA	NA
Radeon HD 6530D	337	1879	NA	NA
Radeon HD 6550A	707	1465	NA	NA
Radeon HD 6550D	400	1828	NA	NA
Radeon HD 6570	558	1646	8.59	\$64.99*
Radeon HD 6610M	565	1639	NA	NA
Radeon HD 6620G	341	1874	NA	NA
Radeon HD 6630M	684	1487	NA	NA
Radeon HD 6650A	835	1342	NA	NA
Radeon HD 6650M	755	1419	NA	NA
Radeon HD 6670	726	1449	10.53	\$68.99*
Radeon HD 6670 + 6670 Dual	646	1529	NA	NA
Radeon HD 6670 + 7660D Dual	1492	1043	NA	NA
Radeon HD 6670/7670	945	1265	NA	NA
Radeon HD 6700M	1016	1219	NA	NA
Radeon HD 6750	1034	1212	12.94	\$79.99*
Radeon HD 6750M	937	1274	NA	NA
Radeon HD 6770	1261	1112	4.76	\$264.99*
Radeon HD 6770M	964	1256	NA	NA
Radeon HD 6790	1552	1016	5.28	\$294.00*
Radeon HD 6800M	772	1400	NA	NA
Radeon HD 6850	1951	881	9.44	\$206.66*
Radeon HD 6850 X2	2534	722	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6870	1701	958	NA	NA
Radeon HD 6900M	1701	958	NA	NA
Radeon HD 6950	2598	705	18.56	\$139.99*
Radeon HD 6970	2839	667	18.93	\$149.99*
Radeon HD 6970M	2270	780	10.51	\$215.99*
Radeon HD 6990	3013	648	6.05	\$498.49*
Radeon HD 7290	111	2195	NA	NA
Radeon HD 7290M	123	2159	NA	NA
Radeon HD 7310	128	2144	NA	NA
Radeon HD 7310 - Carte graphique	174	2052	NA	NA
Radeon HD 7310G	180	2041	NA	NA
Radeon HD 7310M	166	2068	NA	NA
Radeon HD 7340	153	2080	0.28	\$552.69*
Radeon HD 7340G	196	2030	NA	NA
Radeon HD 7340M	221	1996	NA	NA
Radeon HD 7350	165	2071	NA	NA
Radeon HD 7400G	267	1946	NA	NA
Radeon HD 7420G	305	1912	NA	NA
Radeon HD 7450	223	1991	4.48	\$49.99*
Radeon HD 7450A	288	1924	NA	NA
Radeon HD 7450M	329	1889	NA	NA
Radeon HD 7470	289	1923	3.55	\$81.37*
Radeon HD 7470M	407	1819	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7480D	281	1934	NA	NA
Radeon HD 7500G	310	1910	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1569	NA	NA
Radeon HD 7500G + 7550M Dual	497	1727	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1865	NA	NA
Radeon HD 7520G	312	1907	NA	NA
Radeon HD 7520G + 7400M Dual	486	1737	NA	NA
Radeon HD 7520G + 7470M Dual	542	1673	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1612	NA	NA
Radeon HD 7520G + 7600M Dual	591	1598	NA	NA
Radeon HD 7520G + 7610M Dual	588	1603	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7420G + 7600M Dual	100	1191	NA	NA
Radeon HD 7520G + 7670M Dual	523	1696	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1199	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1909	NA	NA
Radeon HD 7520G + 8750M Dual	376	1844	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1669	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1345	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1788	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1729	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1626	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1558	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1522	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600	574	1629	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1859	NA	NA
Radeon HD 7540D	333	1884	NA	NA
Radeon HD 7540D + 6570 Dual	719	1455	NA	NA
Radeon HD 7540D + 7500 Dual	821	1359	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1533	NA	NA
Radeon HD 7550M	464	1766	NA	NA
Radeon HD 7550M/7650M	728	1444	NA	NA
Radeon HD 7560D	456	1774	NA	NA
Radeon HD 7560D + 6450 Dual	568	1635	NA	NA
Radeon HD 7560D + 6570 Dual	833	1344	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1165	NA	NA
Radeon HD 7560D + 7560D Dual	982	1244	NA	NA
Radeon HD 7560D + 7570 Dual	985	1242	NA	NA
Radeon HD 7560D + 7670 Dual	1426	1065	NA	NA
Radeon HD 7560D + 7700 Dual	1919	889	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1121	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	1015	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1680	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	1115	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	1075	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	1086	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1275	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7570	613	1575	5.99	\$102.49*
Radeon HD 7570M	427	1802	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7570M/HD 7670M	699	1474	NA	NA
Radeon HD 7580D	350	1869	NA	NA
Radeon HD 7600G	332	1885	NA	NA
Radeon HD 7600G + 6400M Dual	376	1845	NA	NA
Radeon HD 7600G + 7450M Dual	389	1832	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1822	NA	NA
Radeon HD 7600G + 7550M Dual	423	1806	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	333	1883	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1890	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1748	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1709	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1670	NA	NA
Radeon HD 7600G + HD Dual	435	1797	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1690	NA	NA
Radeon HD 7600M + 7600M Dual	773	1396	NA	NA
Radeon HD 7610M	632	1548	NA	NA
Radeon HD 7620G	364	1860	NA	NA
Radeon HD 7620G + 8600M Dual	508	1710	NA	NA
Radeon HD 7620G + 8670M Dual	577	1622	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1792	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1714	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1784	NA	NA
Radeon HD 7640G	456	1775	NA	NA
Radeon HD 7640G + 6400M Dual	526	1689	NA	NA
Radeon HD 7640G + 7400M Dual	637	1538	NA	NA
Radeon HD 7640G + 7450M Dual	754	1421	NA	NA
Radeon HD 7640G + 7470M Dual	595	1593	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1556	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1393	NA	NA
Radeon HD 7640G + 7600M Dual	705	1467	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7470G + 7470M Dual	518	1137	NA	NA
Radeon HD 7640G + 7650M Dual	747	1425	NA	NA
Radeon HD 7640G + 7670M Dual	644	1532	NA	NA
Radeon HD 7640G + 7690M Dual	945	1266	NA	NA
Radeon HD 7640G + 7700M Dual	690	1481	NA	NA
Radeon HD 7640G + 8500M Dual	585	1609	NA	NA
Radeon HD 7640G + 8570M Dual	558	1648	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1485	NA	NA
Radeon HD 7640G + 8600M Dual	249	1965	NA	NA
Radeon HD 7640G + 8670M Dual	558	1647	NA	NA
Radeon HD 7640G + 8750M Dual	654	1516	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1561	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1805	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1469	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1821	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1700	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1599	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1549	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1582	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1505	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1753	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1606	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1494	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1235	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1644	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1355	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1492	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1808	NA	NA
Radeon HD 7650A	567	1637	2.17	\$262.00*
Radeon HD 7650M	441	1793	NA	NA
Radeon HD 7660D	508	1711	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1176	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1118	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660D + 7470 Dual	1121	1169	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1169	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1135	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1198	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	1046	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1546	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1877	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	875	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1695	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1269	NA	NA
Radeon HD 7660G	473	1754	NA	NA
Radeon HD 7660G + 7400M Dual	588	1604	NA	NA
Radeon HD 7660G + 7470M Dual	630	1550	NA	NA
Radeon HD 7660G + 7600M Dual	831	1348	NA	NA
Radeon HD 7660G + 7610M Dual	745	1428	NA	NA
Radeon HD 7660G + 7670M Dual	743	1431	NA	NA
Radeon HD 7660G + 7700M Dual	757	1418	NA	NA
Radeon HD 7660G + 7730M Dual	931	1280	NA	NA
Radeon HD 7660G + 8600M Dual	445	1789	NA	NA
Radeon HD 7660G + 8670M Dual	587	1605	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1229	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1415	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1232	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1636	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1773	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1466	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1390	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1310	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1416	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1426	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1861	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1464	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1451	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1468	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1255	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Videocard Name	G3D Mark (higher is better)	Rank (lower is better)	Value (higher is better)	Price (USD)
Radeon HD 7670	817	1362	NA	NA
Radeon HD 7670A	1050	1205	NA	NA
Radeon HD 7670M	468	1760	0.74	\$629.99*
Radeon HD 7670M + 7670M Dual	738	1438	NA	NA
Radeon HD 7690M	847	1333	NA	NA
Radeon HD 7690M XT	1009	1224	NA	NA
Radeon HD 7700-serie	1899	894	NA	NA
Radeon HD 7730	1188	1142	5.11	\$232.70*
Radeon HD 7730M	780	1389	NA	NA
Radeon HD 7750	1692	963	14.70	\$115.15
Radeon HD 7750M	1191	1139	NA	NA
Radeon HD 7770	2174	805	7.25	\$300.00*
Radeon HD 7790	3090	639	22.07	\$139.99*
Radeon HD 7800-serie	4029	535	NA	NA
Radeon HD 7850	3884	545	22.20	\$174.99*
Radeon HD 7850M	1372	1078	NA	NA
Radeon HD 7870	4602	495	26.15	\$176.00*
Radeon HD 7870 XT	4469	507	NA	NA
Radeon HD 7870M	1507	1036	NA	NA
Radeon HD 7950 / R9 280	4764	482	19.78	\$240.83*
Radeon HD 7970 / R9 280X	5247	433	21.25	\$246.99*
Radeon HD 7970M	3568	582	NA	NA
Radeon HD 7990	5565	409	13.91	\$399.99*
Radeon HD 8180	134	2129	NA	NA
Radeon HD 8210	191	2037	NA	NA
Radeon HD 8210E	193	2032	NA	NA
Radeon HD 8240	246	1970	NA	NA
Radeon HD 8250	212	2009	NA	NA
Radeon HD 8280	260	1952	NA	NA
Radeon HD 8280E	256	1960	NA	NA
Radeon HD 8280G	269	1943	NA	NA
Radeon HD 8310E	340	1876	NA	NA
Radeon HD 8330	270	1940	NA	NA
Radeon HD 8330E	262	1951	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8350G	258	1958	1.00	\$89.99
Radeon HD 8350G	258	1958	NA	NA
Radeon HD 8370D	316	1904	NA	NA
Radeon HD 8400	273	1939	NA	NA
Radeon HD 8400E	275	1938	NA	NA
Radeon HD 8410G	435	1798	NA	NA
Radeon HD 8450G	337	1880	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1193	NA	NA
Radeon HD 8450G + 8600M Dual	545	1667	NA	NA
Radeon HD 8450G + 8670M Dual	474	1752	NA	NA
Radeon HD 8450G + 8750M Dual	637	1540	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1783	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1746	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1721	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1619	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8470	247	1968	NA	NA
Radeon HD 8470D	377	1843	NA	NA
Radeon HD 8470D + 6450 Dual	717	1457	NA	NA
Radeon HD 8470D + 6570 Dual	837	1340	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1322	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	1058	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	1019	NA	NA
Radeon HD 8490	263	1950	2.93	\$89.99*
Radeon HD 8500M	436	1796	NA	NA
Radeon HD 8500M/8700M	852	1331	NA	NA
Radeon HD 8510G	371	1851	NA	NA
Radeon HD 8510G + 8500M Dual	596	1591	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1551	NA	NA
Radeon HD 8550D	566	1638	NA	NA
Radeon HD 8550G	417	1812	NA	NA
Radeon HD 8550G + 7600M Dual	901	1298	NA	NA
Radeon HD 8550G + 8500M Dual	602	1587	NA	NA
Radeon HD 8550G + 8570M Dual	532	1683	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1374	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + 8670M Dual	579	1617	NA	NA
Radeon HD 8550G + 8670M Dual	579	1617	NA	NA
Radeon HD 8550G + 8690M Dual	664	1507	NA	NA
Radeon HD 8550G + 8750M Dual	795	1379	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1662	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1645	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1688	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1517	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1596	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1666	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1361	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1564	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1735	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1578	NA	NA
Radeon HD 8570	939	1271	9.52	\$98.68*
Radeon HD 8570 + 8670D Dual	620	1562	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1262	NA	NA
Radeon HD 8570D	431	1800	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1117	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1211	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1848	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1317	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	1113	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1422	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	916	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1878	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1213	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1758	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1231	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1257	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8570M	449	1786	NA	NA
Radeon HD 8600/8700M	1029	1214	NA	NA
Radeon HD 8610G	407	1820	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8610G + 8600M Dual	578	1598	NA	NA
Radeon HD 8610G + 8600M Dual	588	1601	NA	NA
Radeon HD 8610G + 8670M Dual	599	1589	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1530	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1739	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1620	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1496	NA	NA
Radeon HD 8650D	396	1830	NA	NA
Radeon HD 8650G	517	1702	NA	NA
Radeon HD 8650G + 7600M Dual	741	1433	NA	NA
Radeon HD 8650G + 7670M Dual	883	1309	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1167	NA	NA
Radeon HD 8650G + 8500M Dual	626	1557	NA	NA
Radeon HD 8650G + 8570M Dual	654	1518	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1347	NA	NA
Radeon HD 8650G + 8600M Dual	613	1576	NA	NA
Radeon HD 8650G + 8670M Dual	635	1543	NA	NA
Radeon HD 8650G + 8750M Dual	786	1385	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1360	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1545	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1458	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1411	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1583	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1417	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1610	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1521	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1376	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1452	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1486	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1397	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1378	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1491	NA	NA
Radeon HD 8670D	530	1687	NA	NA
Radeon HD 8670D + 6670 Dual	1361	1081	NA	NA
Radeon HD 8670D + 7000 Dual	811	1367	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + HD 6670 Dual	1100	1000	NA	NA
Radeon HD 8670D + 8570 Dual	974	1249	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	1127	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1456	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	1093	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	896	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1341	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1427	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1261	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1218	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1734	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670M	520	1699	NA	NA
Radeon HD 8690A	510	1708	NA	NA
Radeon HD 8690M	984	1243	NA	NA
Radeon HD 8730M	811	1368	NA	NA
Radeon HD 8750M	1020	1217	NA	NA
Radeon HD 8790M	1305	1098	NA	NA
Radeon HD 8790M / R9 M290X	1210	1130	NA	NA
Radeon HD 8850M	973	1251	NA	NA
Radeon HD 8850M / R9 M265X	1139	1162	NA	NA
Radeon HD 8870M	1638	982	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	928	NA	NA
Radeon HD 8950	2816	670	NA	NA
Radeon HD 8970M	3876	547	27.69	\$139.99*
Radeon HD 8990	5214	438	NA	NA
Radeon HD HD7850M	1651	977	NA	NA
Radeon HDG 4670	170	2057	NA	NA
RADEON IGP 34xM	1	2680	NA	NA
RADEON IGP 320	3	2623	NA	NA
Radeon IGP 320M	3	2630	NA	NA
Radeon IGP 340M	2	2666	NA	NA
RADEON IGP 345M	2	2655	NA	NA
RADEON IGP 350M	6	2562	NA	NA
Radeon Infoshock 3000	106	2206	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO Vega 56	11289	221	NA	NA
Radeon M535DX	749	1424	NA	NA
Radeon Pro	2365	751	4.09	\$578.98
Radeon Pro 450	2722	690	NA	NA
Radeon Pro 455	3112	638	6.93	\$449.00*
Radeon Pro 460	3452	595	NA	NA
Radeon Pro 465	4537	501	NA	NA
Radeon Pro 555	3140	634	2.99	\$1,049.00*
Radeon Pro 560	3475	592	NA	NA
Radeon Pro 560X	3677	570	NA	NA
Radeon Pro 570	6336	363	NA	NA
Radeon Pro 580	7753	313	NA	NA
Radeon Pro 580X	7540	325	NA	NA
Radeon Pro 5300	7125	334	NA	NA
Radeon Pro 5300M	5932	386	NA	NA
Radeon Pro 5500 XT	7940	305	NA	NA
Radeon Pro 5500M	6753	346	NA	NA
Radeon Pro 5600M	9278	265	NA	NA
Radeon Pro 5700	11844	202	NA	NA
Radeon Pro 5700 XT	12557	188	NA	NA
Radeon Pro Duo	8298	292	2.09	\$3,970.36*
Radeon PRO Ryzen 5 PRO 6650U	4066	533	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5582	406	NA	NA
Radeon Pro SSG	10971	224	4.55	\$2,410.15*
Radeon Pro V340 MxGPU	2853	665	NA	NA
Radeon Pro V520 MxGPU	12257	198	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro V620 MxGPU	15632	119	NA	NA
Radeon PRO V710 MxGPU	13129	170	NA	NA
Radeon Pro Vega 16	4809	473	NA	NA
Radeon Pro Vega 20	5039	459	NA	NA
Radeon Pro Vega 48	11289	221	NA	NA
Radeon Pro Vega 56	12353	192	NA	NA
Radeon Pro Vega 64	12890	180	NA	NA
Radeon Pro Vega 64X	13369	165	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Vega II Duo	14018	148	NA	NA
Radeon Pro VII	13082	174	NA	NA
Radeon Pro W5500	8979	274	21.90	\$409.99*
Radeon Pro W5500M	3469	593	NA	NA
Radeon Pro W5500X	7350	331	NA	NA
Radeon Pro W5700	14648	141	22.54	\$649.99*
Radeon PRO W6300	5559	411	NA	NA
Radeon PRO W6400	8126	299	NA	NA
Radeon PRO W6600	15382	126	NA	NA
Radeon PRO W6600M	11287	222	NA	NA
Radeon PRO W6600X	13113	171	NA	NA
Radeon PRO W6800	19969	66	10.79	\$1,849.99*
Radeon PRO W7500	13436	162	NA	NA
Radeon PRO W7600	16058	111	NA	NA
Radeon PRO W7700	23131	46	NA	NA
Radeon PRO W7800	28101	24	NA	NA
Radeon PRO W7900	28959	19	NA	NA
Radeon Pro WX 2100	1873	901	NA	NA
Radeon Pro WX 3100	2628	701	NA	NA
Radeon Pro WX 3200	2398	744	13.95	\$171.87*
Radeon Pro WX 4100	3683	569	7.37	\$499.99*
Radeon Pro WX 4130	2086	829	NA	NA
Radeon Pro WX 4150	2728	688	4.47	\$610.04*
Radeon Pro WX 4170	2732	687	NA	NA
Radeon Pro WX 5100	5493	416	15.26	\$359.99*
Radeon Pro WX 7100	7795	309	7.44	\$1,047.99*
Radeon Pro WX 7130	6553	355	NA	NA
Radeon Pro WX 8200	13046	175	8.16	\$1,599.39*
Radeon Pro WX 9100	12285	195	NA	NA
Radeon Pro WX Vega M GL	4768	480	NA	NA
Radeon R1E	301	1913	NA	NA
Radeon R2	249	1964	NA	NA
Radeon R2E	208	2014	NA	NA
Radeon R3	311	1908	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R4</u>	341	1872	0.86	\$396.99*
<u>Radeon R4E</u>	487	1736	NA	NA
<u>Radeon R5 220</u>	147	2092	1.73	\$85.26*
<u>Radeon R5 230</u>	221	1994	2.74	\$81.10*
<u>Radeon R5 235</u>	336	1881	5.59	\$60.13*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R5 235 + HD 7560D Dual</u>	743	1430	NA	NA
<u>Radeon R5 235 + HD 8570D Dual</u>	737	1439	NA	NA
<u>Radeon R5 235X</u>	277	1936	NA	NA
<u>Radeon R5 240</u>	549	1659	6.47	\$85.00*
<u>Radeon R5 310</u>	331	1886	0.66	\$499.00*
<u>Radeon R5 330</u>	520	1698	1.53	\$339.99*
<u>Radeon R5 340</u>	935	1276	NA	NA
<u>Radeon R5 420</u>	574	1628	14.39	\$39.95*
<u>Radeon R5 430</u>	894	1304	15.16	\$59.00*
<u>Radeon R5 435</u>	761	1414	NA	NA
<u>Radeon R5 A6-7480</u>	704	1470	NA	NA
<u>Radeon R5 A6-8500P</u>	586	1608	NA	NA
<u>Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G</u>	605	1585	NA	NA
<u>Radeon R5 A6-9500 2C+6G</u>	853	1328	NA	NA
<u>Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</u>	928	1283	NA	NA
<u>Radeon R5 A6-9500E 2C+4G</u>	1014	1221	NA	NA
<u>Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4</u>	692	1478	NA	NA
<u>Radeon R5 A10-9600P 4C+6G</u>	619	1566	NA	NA
<u>Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</u>	714	1460	NA	NA
<u>Radeon R5 A10-9620P 4C+6G</u>	731	1443	NA	NA
<u>Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C</u>	659	1511	NA	NA
<u>Radeon R5 A10-9630P 4C+6G</u>	977	1245	NA	NA
<u>Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C</u>	734	1441	NA	NA
<u>Radeon R5 A240</u>	576	1624	NA	NA
<u>Radeon R5 M230</u>	418	1811	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 M255	542	1674	NA	NA
Radeon R5 M315	478	1744	NA	NA
Radeon R5 M320	467	1761	NA	NA
Radeon R5 M330	595	1592	NA	NA
Radeon R5 M335	548	1661	NA	NA
Radeon R5 M420	505	1717	NA	NA
Radeon R5 M430	648	1526	NA	NA
Radeon R5 M435	847	1332	NA	NA
Radeon R5 Opteron X3216	415	1814	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1713	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1743	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1482	NA	NA
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	463	1768	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1334	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	996	1236	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1537	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	662	1508	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1180	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	793	1382	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1477	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1818	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1404	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1512	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	574	1630	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1476	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	602	1586	NA	NA
Radeon R5E	315	1906	NA	NA
Radeon R6	614	1573	NA	NA
Radeon R6 + R7 M265DX Dual	570	1633	NA	NA
Radeon R6 A8-8600P	474	1751	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 A10-9600P 4C+6G	970	1254	NA	NA
Radeon R6 M255DX	605	1584	NA	NA
Radeon R6 Opteron X3418	955	1259	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1685	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	613	1574	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1676	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	543	1671	NA	NA
Radeon R7 240	901	1297	10.66	\$84.56*
Radeon R7 240 + HD 8570D Dual	917	1287	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1282	NA	NA
Radeon R7 250	1051	1204	10.51	\$99.99*
Radeon R7 250X	2268	782	11.70	\$194.00*
Radeon R7 260	2891	663	32.13	\$89.99*
Radeon R7 260X	3189	626	22.78	\$139.99*
Radeon R7 340	1000	1230	NA	NA
Radeon R7 360	3140	633	21.52	\$145.99*
Radeon R7 370	4495	504	NA	NA
Radeon R7 430	1089	1184	7.23	\$150.58*
Radeon R7 450	1891	897	6.33	\$299.00*
Radeon R7 7850A10-7850K	551	1656	NA	NA
Radeon R7 +8G	1190	1140	NA	NA
Radeon R7 + HD 7700 Dual	1962	874	NA	NA
Radeon R7 + R5 330 Dual	1028	1215	NA	NA
Radeon R7 + R5 340 Dual	1234	1123	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1308	NA	NA
Radeon R7 + R5 Dual	897	1302	NA	NA
Radeon R7 + R7 200 Dual	1077	1191	NA	NA
Radeon R7 + R7 240 Dual	1045	1208	NA	NA
Radeon R7 + R7 250 Dual	1232	1124	NA	NA
Radeon R7 + R7 350 Dual	1982	865	NA	NA
Radeon R7 A8 PRO-7600B	666	1504	NA	NA
Radeon R7 A8-7500	860	1323	NA	NA
Radeon R7 A8-7500 4C+6G	853	1329	NA	NA
Radeon R7 A8-7600	776	1391	NA	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7600K	846	1336	NA	NA
Radeon R7 A8-7670K	846	1336	NA	NA
Radeon R7 A8-7680	825	1353	NA	NA
Radeon R7 A8-8650	912	1290	NA	NA
Radeon R7 A8-9600 RADEON	829	1350	NA	NA
Radeon R7 A10 Extreme Edition	821	1358	NA	NA
Radeon R7 A10 PRO-7800B	771	1402	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10 PRO-7850B	822	1356	NA	NA
Radeon R7 A10-7700K	786	1384	NA	NA
Radeon R7 A10-7800	728	1445	NA	NA
Radeon R7 A10-7850K	945	1267	NA	NA
Radeon R7 A10-7860K	908	1294	NA	NA
Radeon R7 A10-7870K	1094	1181	NA	NA
Radeon R7 A10-7890K	972	1252	NA	NA
Radeon R7 A10-8750	856	1325	NA	NA
Radeon R7 A10-8850	773	1399	NA	NA
Radeon R7 A10-9700 RADEON	918	1286	NA	NA
Radeon R7 A10-9700E RADEON	872	1314	NA	NA
Radeon R7 A12-9700P RADEON	714	1461	1.64	\$435.92*
Radeon R7 A12-9720P RADEON	727	1446	1.99	\$365.48*
Radeon R7 A12-9730P RADEON	1014	1220	NA	NA
Radeon R7 A12-9800 RADEON	1066	1195	NA	NA
Radeon R7 A12-9800E RADEON	913	1289	6.56	\$139.19*
Radeon R7 A265	993	1241	NA	NA
Radeon R7 A360	607	1581	NA	NA
Radeon R7 A365	781	1388	NA	NA
Radeon R7 A370	1281	1106	NA	NA
Radeon R7 FX-8800P	815	1365	NA	NA
Radeon R7 FX-9800P RADEON	737	1440	1.39	\$530.00*
Radeon R7 FX-9830P RADEON	1419	1068	NA	NA
Radeon R7 G	869	1316	NA	NA
Radeon R7 M260	518	1701	0.65	\$799.00*
Radeon R7 M260DX	816	1363	NA	NA
Radeon R7 M260X	994	1239	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M265	500	1571	NA	NA
Radeon R7 M265DX	498	1723	NA	NA
Radeon R7 M270	766	1408	NA	NA
Radeon R7 M340	650	1524	NA	NA
Radeon R7 M350	1167	1151	NA	NA
Radeon R7 M360	581	1613	NA	NA
Radeon R7 M365X	794	1381	NA	NA
Radeon R7 M370	1417	1069	NA	NA
Radeon R7 M380	1668	969	NA	NA
Radeon R7 M440	897	1303	NA	NA
Radeon R7 M445	938	1272	1.26	\$744.00*
Radeon R7 M460	1055	1201	NA	NA
Radeon R7 M465	1169	1148	NA	NA
Radeon R7 M465X	1786	933	NA	NA
Radeon R7 Opteron X3421	1135	1163	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1387	NA	NA
Radeon R7 PRO A8-8650B	714	1462	NA	NA
Radeon R7 PRO A8-8670E	1162	1155	NA	NA
Radeon R7 PRO A8-9600	847	1335	NA	NA
Radeon R7 PRO A10-8750B	776	1392	NA	NA
Radeon R7 PRO A10-8770	917	1288	NA	NA
Radeon R7 PRO A10-8770E	805	1373	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-8850B	945	1268	NA	NA
Radeon R7 PRO A10-9700	809	1371	NA	NA
Radeon R7 PRO A10-9700B	628	1553	NA	NA
Radeon R7 PRO A10-9700E	934	1277	1.77	\$529.00*
Radeon R7 PRO A12-8800B	619	1565	NA	NA
Radeon R7 PRO A12-8830B	581	1615	NA	NA
Radeon R7 PRO A12-8870	931	1279	NA	NA
Radeon R7 PRO A12-8870E	892	1305	NA	NA
Radeon R7 PRO A12-9800	975	1248	NA	NA
Radeon R7 PRO A12-9800B	697	1475	NA	NA
Radeon R7 PRO A12-9800E	971	1253	NA	NA
Radeon R7E	564	1640	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R8 M365DX	796	1377	NA	NA
Radeon R8 M445DX	796	1377	NA	NA
Radeon R8 M535DX	670	1500	NA	NA
Radeon R9 255	1391	1073	4.04	\$344.16*
Radeon R9 260	3047	643	NA	NA
Radeon R9 270	4306	522	NA	NA
Radeon R9 270 / R7 370	4259	524	19.98	\$213.16*
Radeon R9 270X	4869	472	14.91	\$326.50*
Radeon R9 280	5543	413	NA	NA
Radeon R9 280X	6127	377	NA	NA
Radeon R9 285 / 380	5549	412	11.44	\$485.00*
Radeon R9 290	8210	293	NA	NA
Radeon R9 290 / 390	8150	298	21.45	\$380.00*
Radeon R9 290X	8522	285	NA	NA
Radeon R9 290X / 390X	8380	289	26.19	\$319.99*
Radeon R9 295X2	8681	282	17.39	\$499.10*
Radeon R9 350	1982	864	6.63	\$299.00*
Radeon R9 360	3031	645	22.64	\$133.89*
Radeon R9 370	4722	487	29.51	\$159.99*
Radeon R9 380	6068	381	67.43	\$89.99*
Radeon R9 380X	6164	373	17.61	\$349.99*
Radeon R9 390	8874	276	NA	NA
Radeon R9 390X	9362	264	NA	NA
Radeon R9 Fury	9545	255	21.54	\$443.10*
Radeon R9 Fury + Fury X	9741	249	21.65	\$449.99*
Radeon R9 Fury X	9452	260	NA	NA
Radeon R9 M265X	1146	1161	NA	NA
Radeon R9 M270X	1204	1136	NA	NA
Radeon R9 M275	1114	1170	1.59	\$699.99*
Radeon R9 M275X	1699	959	NA	NA
Radeon R9 M275X / M375	1574	1008	NA	NA
Radeon R9 M280X	813	1366	NA	NA
Radeon R9 M290X	3217	622	NA	NA
Radeon R9 M295X	5150	447	3.55	\$1,449.00*
Radeon R9 M360	1830	920	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M370X	1547	1018	1.74	\$889.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M375	973	1250	NA	NA
Radeon R9 M375X	1715	953	NA	NA
Radeon R9 M380	2773	679	NA	NA
Radeon R9 M385	2060	837	NA	NA
Radeon R9 M385X	1993	861	NA	NA
Radeon R9 M390X	3850	551	NA	NA
Radeon R9 M395	4915	468	NA	NA
Radeon R9 M395X	5194	441	NA	NA
Radeon R9 M470	2330	763	NA	NA
Radeon R9 M470X	3244	619	NA	NA
Radeon R9 M485X	3660	573	NA	NA
Radeon RX590 GME	8456	287	NA	NA
Radeon RX 460	4095	531	24.55	\$166.81*
Radeon RX 470/570	7963	304	20.47	\$388.99*
Radeon RX 480	8573	284	25.22	\$339.99*
Radeon RX 540	2013	852	NA	NA
Radeon RX 550	2689	695	15.82	\$169.99
Radeon RX 550X	2365	752	NA	NA
Radeon RX 560	3660	572	18.01	\$203.32
Radeon RX 560X	3168	628	NA	NA
Radeon RX 570X	1923	887	12.57	\$153.01*
Radeon RX 580	8824	278	55.15	\$159.99
Radeon RX 580 2048SP	7665	315	NA	NA
Radeon RX 580X	7536	327	NA	NA
Radeon RX 590	9373	262	17.04	\$549.99*
Radeon RX 640	2145	810	NA	NA
Radeon RX 780	7657	317	NA	NA
Radeon RX 5300	7587	322	NA	NA
Radeon RX 5300M	4723	486	NA	NA
Radeon RX 5500	8778	279	NA	NA
Radeon RX 5500 XT	9097	269	50.18	\$181.29*
Radeon RX 5500M	5797	391	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5000	11120	180	NA	NA
Radeon RX 5600 OEM	12610	185	NA	NA
Radeon RX 5600 XT	13491	161	24.76	\$545.00*
Radeon RX 5600M	8861	277	NA	NA
Radeon RX 5700	14335	144	46.24	\$309.99*
Radeon RX 5700 XT	16341	109	33.46	\$488.33*
Radeon RX 5700 XT 50th Anniversary	16418	107	NA	NA
Radeon RX 6300	5235	436	NA	NA
Radeon RX 6300M	6421	361	NA	NA
Radeon RX 6400	7663	316	36.07	\$212.47*
Radeon RX 6500	7455	328	NA	NA
Radeon RX 6500 XT	9600	252	38.40	\$249.99*
Radeon RX 6500M	7540	324	NA	NA
Radeon RX 6550M	9776	247	NA	NA
Radeon RX 6600	15093	135	55.90	\$269.99
Radeon RX 6600 LE	15387	125	NA	NA
Radeon RX 6600 XT	16473	104	37.44	\$439.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6600M	13928	149	38.64	\$360.51*
Radeon RX 6600S	11715	209	NA	NA
Radeon RX 6650 XT	17137	94	37.26	\$459.99*
Radeon RX 6650M	15140	134	NA	NA
Radeon RX 6650M XT	17070	97	NA	NA
Radeon RX 6700	19166	80	NA	NA
Radeon RX 6700 XT	19812	69	21.01	\$943.17
Radeon RX 6700M	13585	157	50.32	\$269.99*
Radeon RX 6700S	15052	136	50.18	\$299.99*
Radeon RX 6750 GRE 10GB	17942	87	NA	NA
Radeon RX 6750 GRE 12GB	19691	74	NA	NA
Radeon RX 6750 XT	20737	61	51.84	\$399.99*
Radeon RX 6800	22116	55	26.51	\$834.37
Radeon RX 6800 XT	25022	37	39.10	\$639.99*
Radeon RX 6800M	13276	166	NA	NA
Radeon RX 6800S	15820	116	NA	NA
Radeon RX 6850M	12274	196	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6900 XT	17500	21	17.72	1,509.67*
Radeon RX 6900 XT	26754	32	17.72	\$1,509.67*
Radeon RX 6950 XT	28113	23	28.11	\$999.99*
Radeon RX 7600	16600	103	55.34	\$299.99
Radeon RX 7600 XT	17116	95	47.55	\$359.99
Radeon RX 7600M	11581	214	NA	NA
Radeon RX 7600M XT	13212	168	NA	NA
Radeon RX 7600S	15507	123	NA	NA
Radeon RX 7650 GRE	16992	99	NA	NA
Radeon RX 7700 XT	22468	52	43.55	\$515.99
Radeon RX 7700S	15364	127	NA	NA
Radeon RX 7800 XT	24220	40	40.37	\$599.99
Radeon RX 7800M	17029	98	NA	NA
Radeon RX 7900 GRE	27030	28	50.06	\$539.99*
Radeon RX 7900 XT	28909	20	30.75	\$939.99
Radeon RX 7900 XTX	31131	13	27.11	\$1,148.25
Radeon RX 7900M	23311	44	NA	NA
Radeon RX 9070	24792	39	36.46	\$679.99
Radeon RX 9070 XT	26945	30	29.94	\$899.99*
Radeon RX Vega11	1605	996	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1711	956	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1420	1067	NA	NA
Radeon RX Vega 6 Ryzen 3 3200U	906	1296	NA	NA
Radeon RX Vega 8	1527	1029	NA	NA
Radeon RX Vega 10	1632	984	NA	NA
Radeon RX Vega 10 Ryzen 7 3700C	1166	1152	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1487	1045	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1900	893	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1503	1038	NA	NA
Radeon RX Vega 11	2105	823	2.10	\$1,002.00*
Radeon RX Vega 11 PRD	2401	743	NA	NA
Radeon RX Vega 11 Processor	1799	929	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 11 Ryzen 5 3350G	1957	878	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2163	806	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (\$USD)
Radeon RX Vega 11 Ryzen 3 3200G	13083	173	17.38	\$752.99*
Radeon RX Vega 56	13083	173	17.38	\$752.99*
Radeon RX Vega 64	14100	147	18.80	\$749.99*
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	770	NA	NA
Radeon RX Vega M GH	6585	354	NA	NA
Radeon RX Vega M GL	3867	550	NA	NA
Radeon RX Vega Ryzen 3 5300U	2329	764	NA	NA
Radeon RX Vega Ryzen 5 5600GT	9558	254	NA	NA
Radeon RX Vega Ryzen 7 5825U	2916	660	NA	NA
Radeon Ryzen 3 3250U	806	1372	NA	NA
Radeon Ryzen 3 5300U	1611	995	NA	NA
Radeon Ryzen 3 5425U	1528	1026	NA	NA
Radeon Ryzen 3 7330U	1661	973	NA	NA
Radeon Ryzen 3 7335U	2158	807	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	1063	NA	NA
Radeon Ryzen 3 PRO 5355GE	1951	880	NA	NA
Radeon Ryzen 3 PRO 5450U	1710	957	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	1022	NA	NA
Radeon Ryzen 3 PRO 7330U	1832	917	NA	NA
Radeon Ryzen 3 PRO 7335U	2079	830	NA	NA
Radeon Ryzen 5 3450U	1114	1171	NA	NA
Radeon Ryzen 5 3550H	1730	947	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	2249	789	NA	NA
Radeon Ryzen 5 5500GT	2559	716	NA	NA
Radeon Ryzen 5 5500H	1551	1017	NA	NA
Radeon Ryzen 5 5500U	2047	842	NA	NA
Radeon Ryzen 5 5560U	2031	846	NA	NA
Radeon Ryzen 5 5600GE	2462	733	NA	NA
Radeon Ryzen 5 5600GT	2446	735	NA	NA
Radeon Ryzen 5 5600H	2424	741	NA	NA
Radeon Ryzen 5 5600U	2095	828	NA	NA
Radeon Ryzen 5 5625U	2121	818	NA	NA
Radeon Ryzen 5 6600H	3481	591	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3764	560	NA	NA
Radeon Ryzen 5 6600U	3293	611	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 7400U	2000	712	NA	NA
Radeon Ryzen 5 7530U	2234	792	NA	NA
Radeon Ryzen 5 7533HS	3817	554	NA	NA
Radeon Ryzen 5 7535HS	3088	640	NA	NA
Radeon Ryzen 5 7535U	3135	635	NA	NA
Radeon Ryzen 5 7600 6-Core	1743	945	NA	NA
Radeon Ryzen 5 7600X3D 6-Core	1869	903	NA	NA
Radeon Ryzen 5 7600X 6-Core	1699	960	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2049	841	NA	NA
Radeon Ryzen 5 PRO 4655G	2232	793	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	755	NA	NA
Radeon Ryzen 5 PRO 5650G	2287	775	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 PRO 5650GE	2325	766	NA	NA
Radeon Ryzen 5 PRO 5655G	2562	715	NA	NA
Radeon Ryzen 5 PRO 5655GE	1452	1053	NA	NA
Radeon Ryzen 5 PRO 5675U	1920	888	NA	NA
Radeon Ryzen 5 PRO 6650H	2548	718	NA	NA
Radeon Ryzen 5 PRO 6650U	3658	574	NA	NA
Radeon Ryzen 5 Pro 7535U	3020	646	NA	NA
Radeon Ryzen 5 PRO 7645 6-Core	1510	1035	NA	NA
Radeon Ryzen 7 3700U	1301	1099	NA	NA
Radeon Ryzen 7 4700G	2583	709	NA	NA
Radeon Ryzen 7 4700GE	2595	706	NA	NA
Radeon Ryzen 7 4700U	2034	844	NA	NA
Radeon Ryzen 7 4800H	3327	606	NA	NA
Radeon Ryzen 7 4800HS	3253	615	NA	NA
Radeon Ryzen 7 4800U	2320	767	NA	NA
Radeon Ryzen 7 5700U	2261	784	NA	NA
Radeon Ryzen 7 5800H	2820	669	NA	NA
Radeon Ryzen 7 5800HS	2539	721	NA	NA
Radeon Ryzen 7 5800U	2403	742	NA	NA
Radeon Ryzen 7 5825U	2387	748	NA	NA
Radeon Ryzen 7 6800H	5020	461	NA	NA
Radeon Ryzen 7 6800HS	6025	382	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 6800H Creator Edition	5111	155	NA	NA
Radeon Ryzen 7 6800U	4597	496	NA	NA
Radeon Ryzen 7 6810U	5937	385	NA	NA
Radeon Ryzen 7 7700 8-Core	1793	931	NA	NA
Radeon Ryzen 7 7700X 8-Core	1993	862	NA	NA
Radeon Ryzen 7 7730U	2429	740	NA	NA
Radeon Ryzen 7 7735H	5334	427	NA	NA
Radeon Ryzen 7 7735HS	5057	457	NA	NA
Radeon Ryzen 7 7735U	4759	484	NA	NA
Radeon Ryzen 7 7736U	5818	389	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1795	930	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2282	776	NA	NA
Radeon Ryzen 7 PRO 4750G	2496	728	NA	NA
Radeon Ryzen 7 PRO 4750GE	2379	750	NA	NA
Radeon Ryzen 7 PRO 4750U	2023	849	NA	NA
Radeon Ryzen 7 PRO 5755GE	2117	819	NA	NA
Radeon Ryzen 7 PRO 5875U	2133	814	NA	NA
Radeon Ryzen 7 PRO 6850H	5373	423	NA	NA
Radeon Ryzen 7 PRO 6850HS	5057	458	NA	NA
Radeon Ryzen 7 PRO 6850U	5112	453	NA	NA
Radeon Ryzen 7 PRO 6860Z	4577	498	NA	NA
Radeon Ryzen 7 PRO 7730U	2319	768	NA	NA
Radeon Ryzen 7 Pro 7735U	3889	544	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1625	987	NA	NA
Radeon Ryzen 9 4900H	2600	704	NA	NA
Radeon Ryzen 9 4950U Mobile	2594	707	NA	NA
Radeon Ryzen 9 5900H	2960	654	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 6900HS	6602	353	NA	NA
Radeon Ryzen 9 6900HS Creator Edition	5155	446	NA	NA
Radeon Ryzen 9 7900 12-Core	2001	855	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1774	934	NA	NA
Radeon Ryzen 9 7900X 12-Core	2317	769	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1657	974	NA	NA
Radeon Ryzen 9 7950X 16-Core	3337	604	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 PRO 6950HS	4427	513	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1619	988	NA	NA
Radeon Ryzen Embedded R2314	997	1234	NA	NA
Radeon Ryzen Embedded R2514	1581	1004	NA	NA
Radeon Ryzen Embedded R2544	1864	907	NA	NA
Radeon Ryzen Embedded V2516	1527	1028	NA	NA
Radeon Ryzen Embedded V2546	1435	1059	NA	NA
Radeon Ryzen Embedded V2718	1998	857	NA	NA
Radeon Ryzen Embedded V2748	2216	798	NA	NA
Radeon Ryzen Z2 Go	5205	439	NA	NA
Radeon Sky 500	4709	488	NA	NA
Radeon TM	5627	401	NA	NA
Radeon TM R9 A360	2060	838	NA	NA
Radeon VE	2	2672	NA	NA
Radeon Vega 2	506	1716	NA	NA
Radeon Vega 2 Athlon Silver 3050U	521	1697	NA	NA
Radeon Vega 3	889	1307	0.33	\$2,677.99*
Radeon Vega 3 3020e	553	1652	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1209	NA	NA
Radeon Vega 3 Athlon 300U	832	1346	NA	NA
Radeon Vega 3 Athlon 320GE	677	1495	NA	NA
Radeon Vega 3 Athlon 3000G	951	1260	NA	NA
Radeon Vega 3 Athlon Gold 3150G	1088	1185	NA	NA
Radeon Vega 3 Athlon Gold 3150U	668	1501	NA	NA
Radeon Vega 3 Athlon Gold PRO 3150G	671	1499	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	960	1258	NA	NA
Radeon Vega 3 Athlon Silver 3050e	485	1738	NA	NA
Radeon Vega 3 Athlon Silver 3050U	874	1312	NA	NA
Radeon Vega 3 Mobile	1047	1207	NA	NA
Radeon Vega 3 Ryzen 3 3200U	842	1338	NA	NA
Radeon Vega 3 Ryzen 3 3250U	691	1480	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	579	1618	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	739	1435	NA	NA
Radeon Vega 3 Ryzen Embedded R1606G	856	1324	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 5	1298	1101	9.19	\$1,100.00
Radeon Vega 6 Ryzen 3 3300U	1298	1101	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1480	1048	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1357	1085	NA	NA
Radeon Vega 8	1578	1007	12.44	\$126.86*
Radeon Vega 8 Mobile	1428	1064	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1751	940	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 8 Ryzen 3 3200GE	1994	860	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1267	1110	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1580	1005	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1288	1102	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1359	1082	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1699	961	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1478	1049	NA	NA
Radeon Vega 9	1587	1003	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1571	1011	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1448	1054	NA	NA
Radeon Vega 10	1544	1020	NA	NA
Radeon Vega 10 Mobile	1528	1027	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1565	1013	NA	NA
Radeon Vega 11	1861	908	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2185	804	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	2014	851	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1432	1061	NA	NA
Radeon Vega Frontier Edition	13013	176	7.75	\$1,679.99*
Radeon VII	16385	108	8.62	\$1,899.95*
RADEON X300SE	38	2422	NA	NA
RADEON X550	50	2367	NA	NA
RADEON X550XT	56	2354	NA	NA
Radeon X550XTX	70	2307	NA	NA
RADEON X600 256MB HyperMemory	56	2353	NA	NA
RADEON X600 PRO	67	2322	0.42	\$160.49*
RADEON X600 SE	49	2376	0.87	\$56.18*
RADEON X600XT	91	2254	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X700	75	2292	NA	NA
RADEON X700 PRO	75	2292	NA	NA
RADEON X700 SE	71	2305	NA	NA
RADEON X800 GT	84	2271	NA	NA
RADEON X800 GTO	114	2184	NA	NA
RADEON X800 PRO	64	2331	NA	NA
RADEON X800 PRO/GTO	73	2298	NA	NA
RADEON X800 SE	129	2139	NA	NA
RADEON X800 XL	69	2313	NA	NA
RADEON X800 XT	97	2237	NA	NA
RADEON X800 XT Platinum Edition	81	2282	NA	NA
RADEON X800GT	79	2287	NA	NA
RADEON X850 PRO	72	2300	NA	NA
RADEON X850 XT	81	2284	NA	NA
RADEON X850 XT Platinum Edition	81	2277	NA	NA
Radeon X1050	49	2375	NA	NA
Radeon X1200	32	2456	NA	NA
Radeon X1250	37	2427	NA	NA
Radeon X1270	31	2460	NA	NA
Radeon X1300	58	2346	0.61	\$95.78*
Radeon X1300 PRO	84	2270	NA	NA
Radeon X1550	66	2326	0.43	\$155.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1550 64-bit	47	2380	NA	NA
Radeon X1600	49	2373	NA	NA
Radeon X1600 Pro	98	2231	NA	NA
Radeon X1600 Pro / X1300XT	69	2314	NA	NA
Radeon X1600 XT	115	2182	NA	NA
Radeon X1650 GTO	74	2294	NA	NA
Radeon X1650 Pro	84	2267	0.53	\$160.89*
Radeon X1650 SE	71	2306	NA	NA
Radeon X1700 Targa Edition	116	2180	NA	NA
Radeon X1800 GTO	140	2111	NA	NA
Radeon X1900 CrossFire Edition	137	2122	NA	NA
Radeon X1900 GT	145	2096	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1950 Crossfire Edition	106	2209	NA	NA
Radeon X1950 GT	106	2209	NA	NA
Radeon X1950 Pro	112	2190	NA	NA
RADEON XPRESS 200	29	2466	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2506	NA	NA
RADEON XPRESS 200M	22	2496	NA	NA
Radeon Xpress 1100	34	2444	NA	NA
Radeon Xpress 1150	29	2465	NA	NA
Radeon Xpress 1200	35	2435	NA	NA
Radeon Xpress 1250	42	2399	NA	NA
Radeon Xpress 1270	26	2475	NA	NA
Radeon Xpress 1300	52	2358	NA	NA
Radeon Xpress 1300M	40	2408	NA	NA
RadeonT 610M	1080	1188	NA	NA
RadeonT 660M	2220	796	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	534	NA	NA
RadeonT 680M Ryzen 7 7735HS	5626	402	NA	NA
RadeonT 780M	7120	335	NA	NA
RadeonT RX 6850M XT	14609	142	NA	NA
RadeonT RX Vega 11	1842	913	NA	NA
RadeonT Ryzen 3 3250U	581	1614	NA	NA
Rage 128 Pro	1	2682	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2684	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2645	NA	NA
RDPDD Chained DD	234	1981	NA	NA
Red Hat QXL controller	52	2357	NA	NA
RGH Drivers v3	11	2525	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2622	NA	NA
RIVA TNT2/TNT2 Pro	3	2634	NA	NA
RTX 500 Ada Generation Laptop GPU	10911	226	NA	NA
RTX 1000 Ada Generation Laptop GPU	13398	164	NA	NA
RTX 2000 Ada Generation	17207	93	NA	NA
RTX 2000 Ada Generation Embedded GPU	15334	129	NA	NA
RTX 2000 Ada Generation Laptop GPU	15268	130	NA	NA
RTX 2000E Ada Generation	13087	172	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RTX 3000 Ada Generation Laptop GPU</u>	19974	70	NA	NA
<u>RTX 3500 Ada Generation Embedded GPU</u>	25188	35	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RTX 3500 Ada Generation Laptop GPU</u>	19786	70	NA	NA
<u>RTX 4000 Ada Generation</u>	23763	42	NA	NA
<u>RTX 4000 Ada Generation Laptop GPU</u>	22414	53	NA	NA
<u>RTX 4000 SFF Ada Generation</u>	20216	64	NA	NA
<u>RTX 4500 Ada Generation</u>	27211	27	NA	NA
<u>RTX 5000 Ada Generation</u>	29699	15	NA	NA
<u>RTX 5000 Ada Generation Embedded GPU</u>	27774	25	NA	NA
<u>RTX 5000 Ada Generation Laptop GPU</u>	23900	41	NA	NA
<u>RTX 5880 Ada Generation</u>	29012	18	NA	NA
<u>RTX 6000 Ada Generation</u>	28483	21	NA	NA
<u>RTX A400</u>	5863	388	NA	NA
<u>RTX A500 Embedded GPU</u>	5292	430	NA	NA
<u>RTX A500 Laptop GPU</u>	6690	348	NA	NA
<u>RTX A1000</u>	10665	231	NA	NA
<u>RTX A1000 6GB Laptop GPU</u>	10084	241	NA	NA
<u>RTX A1000 Embedded GPU</u>	11460	218	NA	NA
<u>RTX A1000 Laptop GPU</u>	9570	253	NA	NA
<u>RTX A2000</u>	13579	158	23.62	\$574.99
<u>RTX A2000 8GB Laptop GPU</u>	10723	228	NA	NA
<u>RTX A2000 12GB</u>	13725	154	NA	NA
<u>RTX A2000 Embedded GPU</u>	10860	227	NA	NA
<u>RTX A2000 Laptop GPU</u>	9730	250	NA	NA
<u>RTX A3000 12GB Laptop GPU</u>	13758	152	NA	NA
<u>RTX A3000 Laptop GPU</u>	12650	183	NA	NA
<u>RTX A4000</u>	19535	76	26.05	\$749.99*
<u>RTX A4000 Laptop GPU</u>	14969	138	NA	NA
<u>RTX A4500</u>	21282	60	11.83	\$1,799.00*
<u>RTX A4500 Embedded GPU</u>	8309	291	NA	NA
<u>RTX A4500 Laptop GPU</u>	16853	101	NA	NA
<u>RTX A5000</u>	22513	50	10.10	\$2,229.99*
<u>RTX A5000 Laptop GPU</u>	16049	112	NA	NA
<u>RTX A5500</u>	21872	58	10.08	\$2,169.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A6000 Laptop GPU	17200	52	NA	NA
RTX A6000	22604	49	5.50	\$4,109.99*
RTX PRO 1000 Blackwell Generation Laptop GPU	14131	145	NA	NA
RTX PRO 2000 Blackwell Generation Laptop GPU	15569	122	NA	NA
RTX PRO 6000 Blackwell Workstation Edition	31260	11	NA	NA
RTXA5000-24Q	4802	475	NA	NA
RV530 PRO	118	2172	NA	NA
Ryzen 3 4300G with Radeon Graphics	1630	985	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2326	765	NA	NA
Ryzen 3 4300U with Radeon Graphics	1359	1083	NA	NA
Ryzen 3 5300G with Radeon Graphics	1949	883	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1950	882	NA	NA
Ryzen 3 5300U with Radeon Graphics	1539	1023	NA	NA
Ryzen 3 5400U with Radeon Graphics	1601	999	NA	NA
Ryzen 3 5425U with Radeon Graphics	1691	965	NA	NA
Ryzen 3 7330U with Radeon Graphics	1693	962	NA	NA
Ryzen 3 7335U with Radeon Graphics	1980	866	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	943	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	1021	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2098	825	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1924	886	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1512	1034	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2299	773	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1819	922	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1617	991	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	1062	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	2144	811	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	1037	NA	NA
Ryzen 5 4500U with Radeon Graphics	1811	926	NA	NA
Ryzen 5 4600G with Radeon Graphics	2360	756	NA	NA
Ryzen 5 4600H with Radeon Graphics	2136	813	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	290	NA	NA
Ryzen 5 4600U with Radeon Graphics	1903	892	NA	NA
Ryzen 5 5500GT with Radeon Graphics	2224	794	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 5500U with Radeon Graphics	2098	826	NA	NA
Ryzen 5 5560U with Radeon Graphics	2098	826	NA	NA
Ryzen 5 5600G with Radeon Graphics	2570	711	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2547	719	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2200	800	NA	NA
Ryzen 5 5600H with Radeon Graphics	2297	774	NA	NA
Ryzen 5 5600U with Radeon Graphics	2150	809	NA	NA
Ryzen 5 5625U with Radeon Graphics	1996	859	NA	NA
Ryzen 5 6600H with Radeon Graphics	3579	579	NA	NA
Ryzen 5 6600HS Creator Edition	3690	566	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	620	NA	NA
Ryzen 5 7430U with Radeon Graphics	2270	781	NA	NA
Ryzen 5 7530U with Radeon Graphics	2250	788	NA	NA
Ryzen 5 7535U with Radeon Graphics	3323	607	NA	NA
Ryzen 5 9600X 6-Core Processor	1858	909	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	772	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	1056	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	853	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2389	747	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2140	812	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1685	967	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2481	731	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2455	734	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	1957	876	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	950	NA	NA
Ryzen 5 PRO 6650U	3519	586	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3533	585	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1870	902	NA	NA
Ryzen 5 Pro 7535U with Radeon Graphics	3750	563	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	990	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	803	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	729	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 4700U with Radeon Graphics	2034	845	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	820	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (\$USD)
Ryzen 7 4800G with Radeon Graphics	2010	1000	NA	NA
Ryzen 7 5700G with Radeon Graphics	2772	680	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2762	683	NA	NA
Ryzen 7 5700U with Radeon Graphics	2241	790	NA	NA
Ryzen 7 5800H with Radeon Graphics	2736	685	NA	NA
Ryzen 7 5800HS with Radeon Graphics	2795	675	NA	NA
Ryzen 7 5800U with Radeon Graphics	2310	771	NA	NA
Ryzen 7 5825U with Radeon Graphics	2351	759	NA	NA
Ryzen 7 6800H	5247	434	NA	NA
Ryzen 7 6800H with Radeon Graphics	4959	464	NA	NA
Ryzen 7 6800HS	5237	435	NA	NA
Ryzen 7 6800HS Creator Edition	5465	419	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6240	367	NA	NA
Ryzen 7 6800U	5006	462	NA	NA
Ryzen 7 6800U with Radeon Graphics	4760	483	NA	NA
Ryzen 7 7730U with Radeon Graphics	2433	738	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5175	444	NA	NA
Ryzen 7 7735U with Radeon Graphics	5081	454	NA	NA
Ryzen 7 9700X 8-Core Processor	2250	787	NA	NA
Ryzen 7 9800X3D 8-Core Processor	1830	919	NA	NA
Ryzen 7 Extreme Edition	2240	791	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	696	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	717	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	847	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2365	753	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2485	730	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2342	762	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	836	NA	NA
Ryzen 7 PRO 6850H with Radeon Graphics	5790	392	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	4087	532	NA	NA
Ryzen 7 PRO 6850U	5580	407	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5116	451	NA	NA
Ryzen 7 PRO 6860Z	5076	455	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	471	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2566	713	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Ryzen 9 PRO 7900 with Radeon Graphics</u>	7022	338	NA	NA
<u>Ryzen 9 4900HS with Radeon Graphics</u>	7022	338	NA	NA
<u>Ryzen 9 5900HS with Radeon Graphics</u>	5479	417	NA	NA
<u>Ryzen 9 5900HX with Radeon Graphics</u>	2936	657	NA	NA
<u>Ryzen 9 6900HS</u>	8005	302	NA	NA
<u>Ryzen 9 6900HS with Radeon Graphics</u>	6109	379	NA	NA
<u>Ryzen 9 6900HX with Radeon Graphics</u>	5176	443	NA	NA
<u>Ryzen 9 9900X 12-Core Processor</u>	1729	948	NA	NA
<u>Ryzen 9 9950X 16-Core Processor</u>	1770	936	NA	NA
<u>Ryzen 9 PRO 6950H</u>	5758	395	NA	NA
<u>Ryzen 9 PRO 6950H with Radeon Graphics</u>	6176	372	NA	NA
<u>Ryzen 9 PRO 6950HS with Radeon Graphics</u>	4704	489	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>S3 5400EW</u>	146	2095	NA	NA
<u>S3 Chrome 430 ULP</u>	39	2415	NA	NA
<u>S3 Chrome S25 DDR2</u>	18	2503	NA	NA
<u>S3 Chrome S27 DDR3</u>	33	2447	NA	NA
<u>S3 Inc. Savage4</u>	3	2643	NA	NA
<u>S3 ProSavageDDR</u>	1	2681	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2675	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2580	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	2382	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	2193	NA	NA
<u>SAPPHIRE Radeon X1550</u>	61	2338	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	2154	NA	NA
<u>Seria Radeon HD 7700</u>	1603	997	NA	NA
<u>Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP</u>	3245	618	NA	NA
<u>Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP</u>	2565	714	NA	NA
<u>Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP</u>	2613	702	NA	NA
<u>Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP</u>	2981	651	NA	NA
<u>Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU</u>	2601	703	NA	NA
<u>SUMO 964A</u>	497	1725	NA	NA
<u>SUMO 9640</u>	650	1525	NA	NA
<u>SUMO 9644</u>	465	1764	NA	NA
<u>SuperDisplay Virtual Adapter</u>	10390	235	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Sancho Duo / Radeon HD 6750</u>	352	1001	NA	NA
<u>T400</u>	3602	577	21.19	\$169.99*
<u>T400 4GB</u>	3803	557	NA	NA
<u>T500</u>	3640	575	NA	NA
<u>T550 Laptop GPU</u>	4791	476	NA	NA
<u>T600</u>	6473	360	26.97	\$239.99*
<u>T600 Laptop GPU</u>	7078	336	NA	NA
<u>T1000</u>	7626	320	25.09	\$303.99*
<u>T1000 8GB</u>	7633	319	NA	NA
<u>T1200 Laptop GPU</u>	7774	310	NA	NA
<u>TENSOR 1.0 Driver Intel HD 630</u>	1299	1100	NA	NA
<u>Tesla C2050</u>	3175	627	11.76	\$269.99*
<u>Tesla C2050 / C2070</u>	3428	597	NA	NA
<u>Tesla C2070</u>	3120	637	5.17	\$604.00*
<u>Tesla C2075</u>	3016	647	4.67	\$646.00*
<u>Tesla K20m</u>	4432	511	NA	NA
<u>Tesla K20Xm</u>	4403	515	0.57	\$7,699.00*
<u>Tesla K40c</u>	4494	505	NA	NA
<u>Tesla K40m</u>	3143	632	NA	NA
<u>Tesla K80</u>	4680	491	7.88	\$593.95*
<u>Tesla M6</u>	6226	370	31.29	\$199.00*
<u>Tesla M10</u>	3045	644	1.13	\$2,695.00*
<u>Tesla M40</u>	10219	237	17.03	\$600.00*
<u>Tesla M40 24GB</u>	10641	233	NA	NA
<u>Tesla M60</u>	7651	318	9.71	\$787.90*
<u>Tesla M2070-Q</u>	1305	1097	NA	NA
<u>Tesla P4</u>	9097	270	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Tesla P40</u>	12266	197	NA	NA
<u>Tesla P100-PCIE-16GB</u>	11813	206	2.07	\$5,699.00*
<u>Tesla T4</u>	10647	232	2.38	\$4,466.65*
<u>Tesla T10</u>	12557	187	NA	NA
<u>Tesla V100-PCIE-16GB</u>	12328	193	NA	NA
<u>TITAN RTX</u>	20345	63	8.14	\$2,499.00*
<u>TITAN V</u>	19738	71	9.87	\$1,999.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>TRINITY Xp COLLECTORS EDITION</u>	18849	81	NA	NA
<u>TITAN Xp COLLECTORS EDITION</u>	18849	81	NA	NA
<u>TRINITY DEVASTATOR MOBILE</u>	699	1473	NA	NA
<u>TRINITY SCRAPPER MOBILE</u>	498	1724	NA	NA
<u>V9560XT</u>	6	2556	NA	NA
<u>Vanta/Vanta LT</u>	3	2647	NA	NA
<u>VIA Chrome9 HC3 IGP</u>	2	2657	NA	NA
<u>VIA Chrome9 HC IGP</u>	4	2608	NA	NA
<u>VIA Chrome9 HC IGP Family</u>	3	2620	NA	NA
<u>VIA Chrome9 HC IGP Family WDDM</u>	3	2632	NA	NA
<u>VIA Chrome9 HC IGP Prerelease WDDM 1.1</u>	2	2670	NA	NA
<u>VIA Chrome9 HC IGP WDDM</u>	2	2668	NA	NA
<u>VIA Chrome9 HC IGP WDDM 1.1</u>	3	2636	NA	NA
<u>VIA Chrome9 HCM IGP</u>	1	2679	NA	NA
<u>VIA Chrome9 HD IGP</u>	9	2531	NA	NA
<u>VIA/S3G C-645/640 GPU</u>	132	2135	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	2203	NA	NA
<u>VIA/S3G DeltaChrome IGP</u>	3	2638	NA	NA
<u>VIA/S3G KM400/KN400</u>	4	2614	NA	NA
<u>VIA/S3G UniChrome IGP</u>	4	2609	NA	NA
<u>VIA/S3G UniChrome Pro IGP</u>	4	2594	NA	NA
<u>VIA/S3G UniChromell</u>	5	2564	NA	NA
<u>Virtual Display Device</u>	1661	972	NA	NA
<u>VirtualMonitor Device</u>	2130	816	NA	NA
<u>VisionTek Radeon 7000</u>	1	2676	NA	NA
<u>VMware Horizon Indirect Display Driver</u>	3565	584	NA	NA
<u>WinFast A250 LE</u>	4	2589	NA	NA
<u>Xabre</u>	5	2581	NA	NA
<u>XGI Volari Family v1.13.23.D_V</u>	4	2599	NA	NA
<u>ZX C-1080</u>	315	1905	NA	NA
<u>ZX C-1190</u>	416	1813	NA	NA
<u>ZX Chrome 645/640 GPU</u>	147	2094	NA	NA

* - Last price seen from our affiliates.

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PerformanceTest		Video Card Benchmarks	Contact Us	Support	Refunds
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MemTest86	PCIe Test Cards	Hard Drive Benchmarks		Forums	Privacy
WirelessMon	USB Power Delivery Tester	RAM Benchmarks		Compliance	Social
Management Console	Serial and Parallel Loopback Plugs	PC Systems Benchmarks			
Zoom Search Engine		Software Marketshare			
Free Software	USB Short Circuit Testers	Database Benchmarks			
		Android Benchmarks			
		iOS Benchmarks			
		Internet Bandwidth			