

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

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

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
256MB DDR Radeon 9800 XT	37	2343	NA	NA
7900 MOD - Radeon HD 6520G	610	1504	NA	NA
7900 MOD - Radeon HD 6550D	892	1234	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1915	NA	NA
A10-8Q	7041	304	NA	NA
A16	5235	402	NA	NA
A16-4Q	4165	474	NA	NA
A40-24Q	2616	648	NA	NA
ABIT Siluro T400	3	2539	NA	NA
ALL-IN-WONDER 9000	4	2506	NA	NA
ALL-IN-WONDER 9800	23	2412	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2492	NA	NA
ALL-IN-WONDER X800 GT	84	2183	NA	NA
All-in-Wonder X				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2564	NA	NA
ASUS A7000	9	2452	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2525	NA	NA
ASUS EAH4870x2	496	1651	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1383	NA	NA
ASUS V9520-X V62.11	7	2464	NA	NA
B8DKMDAP	4557	449	NA	NA
Barco MXRT 1450	205	1936	NA	NA
Barco MXRT 2600	900	1229	4.52	\$199.00*
Barco MXRT 5400	1161	1087	5.72	\$203.00*
Barco MXRT 5450	1079	1121	5.40	\$199.99*
Barco MXRT 5500	2701	636	9.04	\$299.00*
Barco MXRT 5600	2465	680	3.50	\$704.00*
Barco MXRT 7100	180	1960	NA	NA
Barco MXRT 7400	900	1227	9.10	\$99.00*
Barco MXRT 7500	3753	506	12.55	\$299.00*
Barco MXRT 7600	4943	424	8.20	\$602.59*
BASICDISPLAY	69	2231	NA	NA
Citrix Indirect Display Adapter	1888	838	NA	NA
CMP 30HX	8135	267	NA	NA
CMP 40HX	5900	352	NA	NA
CONNECT 3D RADEON X300	36	2349	NA	NA
Custom GPU 0405	2856	609	NA	NA
Custom GPU 0932	3319	558	NA	NA
Dell 8100	2	2590	0.00	\$999.11*
Dell 8200	4	2527	NA	NA
Diamond X1300-PCIE 256MB	70	2230	NA	NA
EAH5450	134	2043	1.22	\$109.99*
EIZO Quadro MED-XN51LP	5048	418	NA	NA
Embedded Radeon E9173	1787	871	NA	NA
Eng Sample: 100-000000261-50_Y	2859	608	NA	NA
Extreme AX850 PRO	120	2080	NA	NA
FireGL T2-128	30	2381	NA	NA



Video Card ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V3200	64	2180	NA	NA
FireGL V3300	70	2227	NA	NA
FireGL V3350	68	2236	NA	NA
FireGL V3400	103	2135	NA	NA
FireGL V3600	179	1961	1.12	\$160.99*
FireGL V5100	92	2166	0.81	\$114.96*
FireGL V5200	114	2102	0.86	\$133.40*
FireGL V5600	341	1797	1.52	\$225.00*
FireGL V7100	71	2221	0.22	\$328.67*
FireGL V7200	116	2095	NA	NA
FireGL V7300	128	2054	0.11	\$1,189.99*
FireGL V7350	110	2115	0.93	\$119.42*
FireGL V7600	615	1497	NA	NA
FireGL V7700	660	1435	9.43	\$69.99*
FireGL V8600	838	1264	NA	NA
FireGL V8650	550	1585	1.84	\$298.99*
FireGL X1	59	2263	NA	NA
FireMV 2200 PCI	1	2606	NA	NA
FireMV 2200 PCIe	36	2351	0.40	\$89.99*
FireMV 2250	45	2306	0.44	\$104.00*
FireMV 2260	117	2088	1.33	\$88.08*
FireMV 2400 PCIe	11	2444	NA	NA
FireMV 2450	73	2215	NA	NA
FirePro 3D V3700	178	1964	2.10	\$84.99*
FirePro 3D V3750	341	1795	6.71	\$50.88*
FirePro 3D V3800	472	1679	3.15	\$149.99*
FirePro 3D V4800	853	1257	5.33	\$159.99*
FirePro 3D V5700	546	1589	1.71	\$319.99*
FirePro 3D V5800	1231	1056	6.04	\$204.00*
FirePro 3D V7750	545	1593	1.56	\$350.00*
FirePro 3D V7800	1867	842	3.11	\$599.99*
FirePro 3D V8700	1206	1063	7.09	\$170.07*
FirePro 3D V8750	1271	1039	1.03	\$1,230.99*



Video Card



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

FirePro 226U	112	2107	NA	NA
FirePro 2270	142	2018	1.06	\$134.00*
FirePro 2450	51	2286	0.57	\$89.99*
FirePro 2460	170	1972	2.03	\$83.99*
FirePro M2000	425	1727	NA	NA
FirePro M4000	1593	933	21.88	\$72.83*
FirePro M4000 Mobility Pro	1629	919	NA	NA
Firepro M4100	1059	1129	NA	NA
FirePro M4150	948	1188	NA	NA
FirePro M4170	1181	1077	NA	NA
FirePro M5100	2102	764	NA	NA
FirePro M5100 FireGL V	1839	854	NA	NA
FirePro M5950	1314	1026	NA	NA
FirePro M6000	1820	861	5.58	\$325.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M6000 Mobility Pro	1712	890	NA	NA
FirePro M6100	2194	743	NA	NA
FirePro M6100 FireGL V	2875	607	NA	NA
FirePro M7740	665	1433	NA	NA
FirePro M40003	1364	1014	NA	NA
FirePro R5000	2646	644	24.06	\$109.99*
FirePro RG220	335	1805	0.52	\$650.18*
FirePro S7000	4523	452	18.35	\$246.54*
FirePro S7150	3770	504	2.22	\$1,697.99*
FirePro S9000	5059	417	NA	NA
FirePro S9050	4901	426	NA	NA
FirePro S10000	4768	438	NA	NA
FirePro V3800	320	1819	2.57	\$124.99*
FirePro V3900	640	1461	2.68	\$238.44*
FirePro V4900	990	1165	6.60	\$149.99*
FirePro V5700	464	1687	2.47	\$188.06*
FirePro V5800	1175	1078	22.18	\$53.00*
FirePro V5900	1264	1041	14.71	\$86.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V7900	2304	719	12.13	\$190.00*
FirePro V8700	1538	958	9.75	\$157.88*
FirePro V8800	2280	723	11.52	\$198.00*
FirePro V9800	2726	631	5.75	\$474.00*
FirePro W600	1671	900	4.03	\$414.99*
FirePro W2100	859	1252	14.56	\$59.00*
FirePro W4100	1515	966	8.24	\$184.00*
FirePro W4170M	1043	1138	NA	NA
FirePro W4190M	1150	1090	NA	NA
FirePro W4300	2820	615	11.75	\$239.99*
FirePro W5000	2984	596	16.22	\$184.00*
FirePro W5100	2989	595	23.73	\$125.99*
FirePro W5130M	1409	1003	NA	NA
FirePro W5170M	1788	870	NA	NA
FirePro W6150M	2358	703	NA	NA
FirePro W7000	4240	472	15.25	\$278.05*
FirePro W7000 Adapter	4359	464	NA	NA
FirePro W7100	5251	396	13.49	\$389.30*
FirePro W7170M	3161	582	NA	NA
FirePro W8000	4148	477	7.24	\$573.00*
FirePro W8100	7332	296	10.42	\$704.00*
FirePro W9000	6138	338	7.26	\$845.00*
FirePro W9100	7580	288	4.38	\$1,729.99*
FireStream 9170	647	1454	NA	NA
FireStream 9250	1164	1085	NA	NA
FireStream 9270	1341	1022	NA	NA
FireStream 9370	2528	670	NA	NA
GeCube RADEON 7000	8	2454	NA	NA
GeForce2 Go	4	2531	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce2 GTS/GeForce2 Pro	3	2536	NA	NA
GeForce2 Integrated GPU	4	2526	NA	NA
GeForce2 MX	2	2574	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce2 MX with TV Out	2	2583	NA	NA
GeForce2 MX/MX 400	3	2538	NA	NA
GeForce2 Ti	4	2518	NA	NA
GeForce2 Ultra	6	2477	NA	NA
GeForce3	4	2507	NA	NA
GeForce3 Ti 200	4	2533	NA	NA
GeForce3 Ti 500	2	2585	NA	NA
GeForce4 420 Go	3	2557	NA	NA
GeForce4 420 Go 32M	5	2497	NA	NA
GeForce4 440	4	2504	NA	NA
GeForce4 440 Go	3	2544	NA	NA
GeForce4 440 Go 64M	5	2483	NA	NA
GeForce4 448 Go	5	2494	NA	NA
GeForce4 4200 Go	3	2537	NA	NA
GeForce4 MX 420	4	2511	NA	NA
GeForce4 MX 440	4	2521	NA	NA
GeForce4 MX 440 with AGP8X	4	2508	NA	NA
GeForce4 MX 440SE	4	2520	NA	NA
GeForce4 MX 460	4	2530	NA	NA
GeForce4 MX 4000	4	2524	NA	NA
GeForce4 MX Integrated GPU	6	2475	NA	NA
GeForce4 Ti 4200	5	2493	NA	NA
GeForce4 Ti 4400	7	2468	NA	NA
GeForce4 Ti 4600	5	2495	0.10	\$53.99*
GeForce4 Ti 4800	5	2485	NA	NA
GeForce4 Ti 4800 SE	6	2471	NA	NA
GeForce9400M	105	2126	NA	NA
GeForce 205	126	2061	NA	NA
GeForce 210	116	2093	2.15	\$54.15*
GeForce 240M GT	319	1822	NA	NA
GeForce 256	5	2502	0.12	\$42.04*
GeForce 305M	150	1999	NA	NA
GeForce 310	140	2024	1.30	\$108.35*



Video Card ▼

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

GeForce 315M	115	2099	NA	NA
GeForce 320M	209	1930	NA	NA
GeForce 405	119	2081	4.85	\$24.64*
GeForce 410M	257	1876	NA	NA
GeForce 505	118	2087	1.03	\$115.06*
GeForce 510	254	1881	3.64	\$69.99*
GeForce 605	319	1823	2.34	\$136.83*
GeForce 610M	290	1843	NA	NA
GeForce 615	514	1630	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 705M	455	1702	NA	NA
GeForce 710A	473	1677	NA	NA
GeForce 710M	458	1696	NA	NA
GeForce 720A	614	1499	NA	NA
GeForce 730A	770	1332	NA	NA
GeForce 770M	3245	566	18.34	\$176.99*
GeForce 800A	476	1671	NA	NA
GeForce 800M	457	1699	NA	NA
GeForce 810A	655	1440	NA	NA
GeForce 810M	407	1742	NA	NA
GeForce 820A	555	1576	NA	NA
GeForce 820M	494	1653	NA	NA
GeForce 825M	782	1315	NA	NA
GeForce 830A	1187	1074	NA	NA
GeForce 830M	1009	1153	NA	NA
GeForce 840A	1123	1099	NA	NA
GeForce 840M	1092	1113	NA	NA
GeForce 845M	1524	964	NA	NA
GeForce 910M	601	1515	NA	NA
GeForce 920A	836	1269	NA	NA
GeForce 920M	719	1386	NA	NA
GeForce 920MX	1079	1120	NA	NA
GeForce 930A	1267	1040	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 940A	1106	1104	NA	NA
GeForce 940M	1125	1098	NA	NA
GeForce 940MX	1518	965	NA	NA
GeForce 945A	1852	849	NA	NA
GeForce 945M	2108	763	NA	NA
GeForce 999 GTX	83	2187	NA	NA
GeForce 6100	27	2391	NA	NA
GeForce 6100 nForce 400	25	2402	NA	NA
GeForce 6100 nForce 405	26	2393	NA	NA
GeForce 6100 nForce 420	25	2401	NA	NA
GeForce 6100 nForce 430	23	2414	NA	NA
GeForce 6150	21	2417	0.07	\$329.00*
GeForce 6150 LE	33	2367	NA	NA
GeForce 6150SE	24	2405	NA	NA
GeForce 6150SE nForce 430	30	2380	NA	NA
GeForce 6200	37	2345	0.71	\$53.17*
GeForce 6200 A-LE	32	2375	NA	NA
GeForce 6200 LE	27	2387	0.68	\$41.24*
GeForce 6200 TurboCache	53	2277	NA	NA
GeForce 6200A	3	2547	0.07	\$54.99*
GeForce 6200SE TurboCache	37	2347	NA	NA
GeForce 6500	38	2339	NA	NA
GeForce 6600	86	2178	0.33	\$264.00*
GeForce 6600 GT	142	2016	2.20	\$64.95*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6600 LE	51	2284	NA	NA
GeForce 6610 XL	88	2176	NA	NA
GeForce 6700 XL	95	2157	NA	NA
GeForce 6800	112	2109	0.20	\$559.29*
GeForce 6800 GS	191	1952	NA	NA
GeForce 6800 GS/XT	102	2137	NA	NA
GeForce 6800 GT	142	2019	NA	NA
GeForce 6800 LE	109	2118	NA	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800 X1	123	2067	NA	NA
GeForce 7000M	13	2438	NA	NA
GeForce 7000M / nForce 610M	12	2439	NA	NA
GeForce 7025 / nForce 630a	32	2372	NA	NA
GeForce 7050 / nForce 610i	25	2399	NA	NA
GeForce 7050 / nForce 620i	41	2324	NA	NA
GeForce 7050 / nForce 630i	37	2342	NA	NA
GeForce 7050 PV / nForce 630a	31	2378	NA	NA
GeForce 7100 / nForce 620i	26	2396	NA	NA
GeForce 7100 / nForce 630i	41	2321	NA	NA
GeForce 7100 GS	51	2285	NA	NA
GeForce 7150 / nForce 630i	33	2370	NA	NA
GeForce 7150M / nForce 630M	18	2425	NA	NA
GeForce 7200 GS	23	2413	NA	NA
GeForce 7300 GS	78	2206	NA	NA
GeForce 7300 GT	138	2033	0.92	\$149.99*
GeForce 7300 LE	78	2207	2.46	\$32.00*
GeForce 7300 SE	39	2337	NA	NA
GeForce 7300 SE/7200 GS	48	2298	NA	NA
GeForce 7350 LE	74	2214	NA	NA
GeForce 7500 LE	82	2190	NA	NA
GeForce 7600 GS	157	1990	1.32	\$119.01
GeForce 7600 GT	224	1906	1.13	\$199.00*
GeForce 7650 GS	134	2045	NA	NA
GeForce 7800 GS	177	1965	NA	NA
GeForce 7800 GT	244	1890	3.05	\$80.00*
GeForce 7800 GTX	290	1842	4.06	\$71.60*
GeForce 7900 GS	253	1882	NA	NA
GeForce 7900 GT	258	1875	1.30	\$199.00*
GeForce 7900 GT/GTO	247	1888	NA	NA
GeForce 7900 GTX	387	1757	NA	NA
GeForce 7950 GT	347	1792	1.36	\$254.80*
GeForce 7950 GX2	201	1938	3.67	\$54.99*

 **Video Card** ▼

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

GeForce 8200	155	1992	NA	NA
GeForce 8200M G	58	2267	NA	NA
GeForce 8300	101	2141	4.48	\$22.68*
GeForce 8300 GS	115	2098	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8400	81	2198	0.14	\$589.99*
GeForce 8400 GS	154	1995	1.80	\$85.97*
GeForce 8400 SE	68	2237	NA	NA
GeForce 8400M G	58	2265	NA	NA
GeForce 8400M GS	109	2120	1.40	\$78.20*
GeForce 8400M GT	66	2245	NA	NA
GeForce 8500 GT	144	2012	NA	NA
GeForce 8600 GS	91	2169	NA	NA
GeForce 8600 GT	123	2065	0.63	\$196.00*
GeForce 8600 GTS	158	1988	0.66	\$241.99*
GeForce 8600M GS	70	2228	NA	NA
GeForce 8600M GT	112	2108	1.04	\$108.10*
GeForce 8700M GT	124	2063	NA	NA
GeForce 8800 GS	330	1809	NA	NA
GeForce 8800 GT	471	1680	2.21	\$213.54*
GeForce 8800 GTS	412	1737	5.15	\$79.99*
GeForce 8800 GTS 512	564	1566	NA	NA
GeForce 8800 GTX	590	1529	4.92	\$119.99*
GeForce 8800 Ultra	642	1459	1.04	\$619.99
GeForce 8800M GTS	382	1759	NA	NA
GeForce 8800M GTX	462	1690	NA	NA
GeForce 9100	81	2192	NA	NA
GeForce 9100M G	68	2238	NA	NA
GeForce 9200	169	1975	NA	NA
GeForce 9200M GE	143	2014	NA	NA
GeForce 9200M GS	121	2075	NA	NA
GeForce 9300	126	2058	2.15	\$59.00*
GeForce 9300 / nForce 730i	128	2053	NA	NA

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

GeForce 9300 SE	81	2196	NA	NA
GeForce 9300GE	97	2152	1.01	\$97.20*
GeForce 9300M G	84	2182	NA	NA
GeForce 9300M GS	100	2145	2.30	\$43.42*
GeForce 9400	98	2147	NA	NA
GeForce 9400 GT	161	1985	2.52	\$64.30
GeForce 9400M	101	2142	NA	NA
GeForce 9400M G	67	2241	NA	NA
GeForce 9450	104	2128	NA	NA
GeForce 9500 GS	201	1939	NA	NA
GeForce 9500 GT	165	1981	1.93	\$85.99*
GeForce 9500M	103	2134	1.02	\$101.20*
GeForce 9500M G	121	2076	NA	NA
GeForce 9500M GS	134	2044	NA	NA
GeForce 9600 GS	281	1855	NA	NA
GeForce 9600 GSO	327	1813	3.05	\$107.39*
GeForce 9600 GSO 512	329	1810	NA	NA
GeForce 9600 GT	482	1661	7.42	\$64.99*
GeForce 9600M GS	130	2050	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600M GT	139	2028	1.79	\$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1840	NA	NA
GeForce 9650M GS	270	1862	NA	NA
GeForce 9650M GT	137	2035	1.17	\$117.30*
GeForce 9700M GT	208	1933	NA	NA
GeForce 9700M GTS	278	1857	NA	NA
GeForce 9800 GT	459	1694	3.06	\$149.99
GeForce 9800 GT 1024MB	134	2042	NA	NA
GeForce 9800 GTX	769	1334	10.26	\$74.99*
GeForce 9800 GTX+	494	1654	NA	NA
GeForce 9800 GTX/9800 GTX+	605	1511	6.72	\$89.99*
GeForce 9800 GX2	797	1303	4.09	\$195.00*
GeForce 9800 S	635	1466	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9800M G IS	370	1770	NA	NA
GeForce 9800M GTX	454	1704	1.38	\$328.50*
GeForce FX 5100	7	2462	NA	NA
GeForce FX 5200	7	2466	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2442	NA	NA
GeForce FX 5200LE	7	2469	0.16	\$42.99*
GeForce FX 5200SE	11	2443	NA	NA
GeForce FX 5500	8	2457	0.05	\$153.97*
GeForce FX 5600	12	2440	NA	NA
GeForce FX 5600 Ultra	17	2431	NA	NA
GeForce FX 5600XT	9	2453	NA	NA
GeForce FX 5700	40	2326	NA	NA
GeForce FX 5700 Ultra	34	2361	NA	NA
GeForce FX 5700LE	24	2406	NA	NA
GeForce FX 5700VE	33	2369	NA	NA
GeForce FX 5900	34	2358	NA	NA
GeForce FX 5900 Ultra	41	2325	NA	NA
GeForce FX 5900XT	40	2331	NA	NA
GeForce FX 5900ZT	32	2373	NA	NA
GeForce FX 5950 Ultra	59	2262	NA	NA
GeForce FX Go5300	12	2441	NA	NA
GeForce FX Go5650	16	2432	NA	NA
GeForce FX Go5700	51	2283	NA	NA
GeForce FX Go 5200	8	2455	NA	NA
GeForce FX Go 5600	17	2429	NA	NA
GeForce G100	184	1956	9.24	\$19.99*
GeForce G102M	167	1979	NA	NA
GeForce G105M	133	2046	NA	NA
GeForce G200	136	2038	NA	NA
GeForce G205M	91	2171	NA	NA
GeForce G210	112	2106	0.92	\$122.12*
GeForce G210M	116	2092	NA	NA
GeForce G 103M	62	2255	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6100	17	2426	NA	NA
GeForce Go 6150	19	2421	NA	NA
GeForce Go 6200	15	2435	NA	NA
GeForce Go 6400	24	2407	NA	NA
GeForce Go 6600	69	2232	NA	NA
GeForce Go 6600 TE/6200 TE	44	2311	NA	NA
GeForce Go 6800	106	2125	NA	NA
GeForce Go 6800 Ultra	137	2034	NA	NA
GeForce Go 7200	45	2308	NA	NA
GeForce Go 7300	52	2280	NA	NA
GeForce Go 7400	65	2248	NA	NA
GeForce Go 7600	127	2056	NA	NA
GeForce Go 7600 GT	210	1929	NA	NA
GeForce Go 7700	147	2006	NA	NA
GeForce Go 7800	114	2101	NA	NA
GeForce Go 7800 GTX	209	1931	NA	NA
GeForce Go 7900 GS	176	1966	NA	NA
GeForce Go 7900 GTX	270	1861	NA	NA
GeForce Go 7950 GTX	263	1869	NA	NA
GeForce GPU	1185	1075	NA	NA
GeForce GT625M	451	1708	NA	NA
GeForce GT 120	160	1987	5.34	\$29.99*
GeForce GT 120 / 9500 GT	324	1815	NA	NA
GeForce GT 120M	150	1998	NA	NA
GeForce GT 130	381	1761	2.52	\$151.34*
GeForce GT 130M	146	2010	NA	NA
GeForce GT 140	657	1438	NA	NA
GeForce GT 220	219	1917	5.48	\$39.99*
GeForce GT 220M	121	2074	NA	NA
GeForce GT 230	323	1817	7.35	\$43.99*
GeForce GT 230M	212	1926	NA	NA
GeForce GT 240	504	1642	3.13	\$160.97*
GeForce GT 240M	213	1924	NA	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 325M	169	1973	NA	NA
GeForce GT 330	389	1756	9.73	\$39.99*
GeForce GT 330M	216	1920	NA	NA
GeForce GT 335M	382	1758	NA	NA
GeForce GT 340	738	1365	13.93	\$52.99*
GeForce GT 415	251	1884	NA	NA
GeForce GT 415M	286	1848	NA	NA
GeForce GT 420	425	1726	2.74	\$155.00*
GeForce GT 420M	396	1751	NA	NA
GeForce GT 425M	522	1623	NA	NA
GeForce GT 430	599	1517	4.28	\$139.99*
GeForce GT 435M	535	1606	NA	NA
GeForce GT 440	767	1336	3.41	\$225.00*
GeForce GT 445M	811	1295	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 520	311	1827	1.03	\$304.00*
GeForce GT 520M	285	1849	9.55	\$29.95*
GeForce GT 520MX	282	1852	NA	NA
GeForce GT 525M	457	1700	NA	NA
GeForce GT 530	671	1427	13.69	\$49.00*
GeForce GT 540M	478	1666	5.44	\$87.95*
GeForce GT 545	1104	1105	19.87	\$55.59*
GeForce GT 550M	570	1556	NA	NA
GeForce GT 555M	654	1444	3.69	\$177.20*
GeForce GT 610	313	1826	2.24	\$139.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1776	NA	NA
GeForce GT 620	375	1771	2.44	\$154.00*
GeForce GT 620M	437	1718	NA	NA
GeForce GT 625	352	1789	NA	NA
GeForce GT 625M	478	1664	NA	NA
GeForce GT 630	677	1422	4.61	\$147.01*
GeForce GT 630M	539	1602	NA	NA
GeForce GT 635	829	1278	12.38	\$66.94*

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

GeForce G1 b4UM	924	1210	NA	NA
GeForce GT 640M LE	709	1393	0.83	\$849.99*
GeForce GT 645	2005	790	NA	NA
GeForce GT 645M	932	1204	NA	NA
GeForce GT 650M	1202	1068	NA	NA
GeForce GT 705	340	1799	1.15	\$296.76*
GeForce GT 710	627	1481	2.51	\$249.99*
GeForce GT 710M	442	1715	NA	NA
GeForce GT 720	615	1496	6.16	\$99.99*
GeForce GT 720A	573	1554	NA	NA
GeForce GT 720M	459	1695	NA	NA
GeForce GT 730	834	1271	7.58	\$109.99*
GeForce GT 730A	742	1361	NA	NA
GeForce GT 730M	813	1292	NA	NA
GeForce GT 735M	650	1449	NA	NA
GeForce GT 740	1478	980	6.24	\$236.99*
GeForce GT 740A	667	1431	NA	NA
GeForce GT 740M	797	1304	NA	NA
GeForce GT 745A	1237	1052	NA	NA
GeForce GT 745M	1095	1111	NA	NA
GeForce GT 750M	1330	1023	NA	NA
GeForce GT 755M	1688	896	NA	NA
GeForce GT 820M	559	1568	NA	NA
GeForce GT 1030	2454	682	23.46	\$104.65
GeForce GTS 150M	504	1641	NA	NA
GeForce GTS 160M	678	1421	NA	NA
GeForce GTS 240	556	1575	8.56	\$64.99*
GeForce GTS 250	594	1523	6.91	\$86.06*
GeForce GTS 250M	553	1581	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 350M	407	1740	NA	NA
GeForce GTS 360M	653	1445	NA	NA
GeForce GTS 450	1318	1024	9.82	\$134.23*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 275	1384	1008	3.21	\$431.72*
GeForce GTX 280	1285	1036	2.46	\$522.78*
GeForce GTX 280M	575	1549	NA	NA
GeForce GTX 285	1513	967	12.61	\$119.99*
GeForce GTX 285M	636	1465	NA	NA
GeForce GTX 295	1206	1064	7.54	\$159.99*
GeForce GTX 460	2262	733	25.15	\$89.99*
GeForce GTX 460 SE	1986	799	12.42	\$159.99*
GeForce GTX 460 v2	1871	841	9.36	\$199.99*
GeForce GTX 460M	1213	1061	NA	NA
GeForce GTX 465	2650	643	13.59	\$195.00*
GeForce GTX 470	3110	588	51.85	\$59.99*
GeForce GTX 470M	1953	813	NA	NA
GeForce GTX 480	4106	480	24.16	\$169.99*
GeForce GTX 480M	1617	924	NA	NA
GeForce GTX 485M	2359	702	NA	NA
GeForce GTX 550 Ti	1554	950	15.54	\$99.99*
GeForce GTX 555	1571	945	NA	NA
GeForce GTX 560	2755	626	13.44	\$205.00*
GeForce GTX 560 SE	1914	826	21.27	\$89.99*
GeForce GTX 560 Ti	3059	590	23.53	\$129.99*
GeForce GTX 560M	1262	1042	NA	NA
GeForce GTX 570	3926	490	26.18	\$149.99*
GeForce GTX 570M	1863	845	NA	NA
GeForce GTX 580	4615	446	9.45	\$488.59*
GeForce GTX 580M	2074	770	8.34	\$248.68*
GeForce GTX 590	3341	556	7.68	\$435.00*
GeForce GTX 645	1882	839	NA	NA
GeForce GTX 650	1750	879	12.17	\$143.80*
GeForce GTX 650 Ti	2525	671	27.14	\$93.05*
GeForce GTX 650 Ti BOOST	3351	554	NA	NA
GeForce GTX 660	4004	487	23.84	\$167.95*
GeForce GTX 660 Ti	4421	463	30.71	\$144.00*

 **Video Card** ▼

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

GeForce GTX 670UM	1756	811	NA	NA
GeForce GTX 670MX	1962	807	NA	NA
GeForce GTX 675M	1927	819	NA	NA
GeForce GTX 675MX	2716	635	NA	NA
GeForce GTX 680	5567	369	13.95	\$399.00*
GeForce GTX 680M	3239	570	23.82	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	524	NA	NA
GeForce GTX 680MX	4138	479	NA	NA
GeForce GTX 690	5517	377	19.64	\$280.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 745	2137	757	7.50	\$284.95*
GeForce GTX 750	3342	555	22.35	\$149.56
GeForce GTX 750 Ti	3899	492	44.26	\$88.11*
GeForce GTX 760	4794	435	32.17	\$149.00*
GeForce GTX 760 Ti	5254	394	17.66	\$297.50*
GeForce GTX 760 Ti OEM	5427	381	NA	NA
GeForce GTX 760A	1226	1057	NA	NA
GeForce GTX 760M	1720	887	NA	NA
GeForce GTX 765M	1997	793	10.72	\$186.30*
GeForce GTX 770	5918	351	23.77	\$249.00*
GeForce GTX 770M	2791	621	20.23	\$138.00*
GeForce GTX 775M	3634	520	NA	NA
GeForce GTX 780	8010	270	28.61	\$279.99*
GeForce GTX 780 Ti	9536	227	28.05	\$339.99*
GeForce GTX 780M	3800	501	7.62	\$499.00*
GeForce GTX 850A	1049	1133	NA	NA
GeForce GTX 850M	2514	674	NA	NA
GeForce GTX 850M - MODDED	1091	1114	NA	NA
GeForce GTX 860M	3048	591	26.74	\$114.00*
GeForce GTX 870M	3449	544	NA	NA
GeForce GTX 880M	3817	499	NA	NA
GeForce GTX 950	5335	387	37.57	\$141.99*
GeForce GTX 950A	2554	664	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 960A	3355	552	NA	NA
GeForce GTX 960M	3374	548	2.89	\$1,169.00*
GeForce GTX 965M	3794	502	NA	NA
GeForce GTX 970	9635	221	40.49	\$237.99*
GeForce GTX 970M	5711	360	27.20	\$209.99*
GeForce GTX 970XM FORCE	6706	318	NA	NA
GeForce GTX 980	11106	195	44.90	\$247.35*
GeForce GTX 980 Ti	13803	136	21.41	\$644.61*
GeForce GTX 980M	7355	294	25.36	\$289.99*
GeForce GTX 1050	5034	420	21.06	\$239.00*
GeForce GTX 1050 3GB	5075	416	NA	NA
GeForce GTX 1050 (Mobile)	4461	458	NA	NA
GeForce GTX 1050 Ti	6318	330	14.35	\$440.24
GeForce GTX 1050 Ti (Mobile)	5918	350	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5337	386	NA	NA
GeForce GTX 1050 with Max-Q Design	4065	483	NA	NA
GeForce GTX 1060	10073	214	29.63	\$339.99
GeForce GTX 1060 3GB	9768	218	41.48	\$235.47*
GeForce GTX 1060 5GB	9075	241	18.60	\$487.99*
GeForce GTX 1060 (Mobile)	8160	265	NA	NA
GeForce GTX 1060 with Max-Q Design	7902	274	NA	NA
GeForce GTX 1070	13503	143	25.48	\$529.99*
GeForce GTX 1070 (Mobile)	10465	205	NA	NA
GeForce GTX 1070 Ti	14694	122	25.78	\$569.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1070 with Max-Q Design	9934	215	NA	NA
GeForce GTX 1080	15547	104	35.11	\$442.79*
GeForce GTX 1080 Ti	18564	73	38.37	\$483.82*
GeForce GTX 1080 with Max-Q Design	11494	188	NA	NA
GeForce GTX 1630	4985	422	26.24	\$189.99*
GeForce GTX 1650	7873	275	52.49	\$149.99
GeForce GTX 1650 (Mobile)	6968	306	NA	NA
GeForce GTX 1650 SUPER	10167	211	45.79	\$222.06*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1650 with Max-Q Design	6179	334	NA	NA
GeForce GTX 1660	11670	185	34.34	\$339.90*
GeForce GTX 1660 SUPER	12750	160	57.91	\$220.18
GeForce GTX 1660 Ti	12905	157	41.93	\$307.79
GeForce GTX 1660 Ti (Mobile)	10177	210	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8589	255	NA	NA
GeForce GTX Titan	8194	263	11.00	\$745.00*
GeForce GTX TITAN Black	8969	242	6.41	\$1,399.99
GeForce GTX TITAN X	12916	156	11.77	\$1,096.99*
GeForce GTX TITAN Z	8904	245	5.88	\$1,515.00*
GeForce MX110	1432	993	NA	NA
GeForce MX130	1832	858	NA	NA
GeForce MX150	2268	729	38.27	\$59.29*
GeForce MX230	1831	859	NA	NA
GeForce MX250	2406	691	NA	NA
GeForce MX330	2424	686	NA	NA
GeForce MX350	2807	617	NA	NA
GeForce MX450	3732	508	NA	NA
GeForce MX550	4536	451	NA	NA
GeForce MX570	5735	358	NA	NA
GeForce MX570 A	6054	344	NA	NA
GeForce PCX 5300	6	2479	NA	NA
GeForce PCX 5750	34	2356	NA	NA
GeForce PCX 5900	34	2362	NA	NA
GeForce RTX 2050	7709	282	NA	NA
GeForce RTX 2060	14146	129	43.59	\$324.53
GeForce RTX 2060 12GB	15934	101	NA	NA
GeForce RTX 2060 (Mobile)	11354	192	NA	NA
GeForce RTX 2060 SUPER	16518	93	40.29	\$409.99*
GeForce RTX 2060 with Max-Q Design	9754	219	NA	NA
GeForce RTX 2070	16141	97	41.45	\$389.46*
GeForce RTX 2070 (Mobile)	12354	169	NA	NA
GeForce RTX 2070 SUPER	18226	74	33.75	\$539.99*

 **Video Card** ▼

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

GeForce RTX 2080	18786	69	23.47	\$800.61
GeForce RTX 2080 (Mobile)	15107	115	NA	NA
GeForce RTX 2080 SUPER	19564	59	28.57	\$684.86*
GeForce RTX 2080 Super with Max-Q Design	13806	135	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 Ti	21728	46	16.78	\$1,295.00
GeForce RTX 2080 with Max-Q Design	13025	154	6.20	\$2,099.99*
GeForce RTX 3050 4GB Laptop GPU	6781	312	NA	NA
GeForce RTX 3050 6GB	10688	202	62.88	\$169.99
GeForce RTX 3050 6GB Laptop GPU	10319	209	NA	NA
GeForce RTX 3050 8GB	12785	159	60.89	\$209.99
GeForce RTX 3050 A Laptop GPU	9215	236	NA	NA
GeForce RTX 3050 Laptop GPU	9461	229	35.05	\$269.99*
GeForce RTX 3050 OEM	11933	178	44.98	\$265.31
GeForce RTX 3050 Ti Laptop GPU	10138	212	NA	NA
GeForce RTX 3060 8GB	15386	108	NA	NA
GeForce RTX 3060 12GB	16966	86	60.60	\$279.99
GeForce RTX 3060 Laptop GPU	13348	148	43.06	\$309.99*
GeForce RTX 3060 Ti	20474	50	37.23	\$549.99
GeForce RTX 3070	22348	41	35.38	\$631.60
GeForce RTX 3070 Laptop GPU	15421	106	NA	NA
GeForce RTX 3070 Ti	23557	33	26.46	\$890.14
GeForce RTX 3070 Ti Laptop GPU	17927	75	NA	NA
GeForce RTX 3080	25213	26	37.08	\$679.99
GeForce RTX 3080 12GB	26650	25	NA	NA
GeForce RTX 3080 Laptop GPU	16475	94	NA	NA
GeForce RTX 3080 Ti	27097	20	21.32	\$1,271.20
GeForce RTX 3080 Ti Laptop GPU	19633	57	NA	NA
GeForce RTX 3090	26721	24	12.94	\$2,064.78
GeForce RTX 3090 Ti	29697	11	17.90	\$1,659.00*
GeForce RTX 4050 Laptop GPU	14453	124	NA	NA
GeForce RTX 4060	19854	54	66.41	\$298.98
GeForce RTX 4060 Laptop GPU	17620	77	NA	NA

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

GeForce RTX 4070	26957	21	50.87	\$529.97
GeForce RTX 4070 Laptop GPU	19601	58	NA	NA
GeForce RTX 4070 SUPER	30153	9	50.26	\$599.99
GeForce RTX 4070 Ti	31829	6	37.89	\$839.99
GeForce RTX 4070 Ti SUPER	31793	7	40.25	\$789.99
GeForce RTX 4080	34614	3	26.63	\$1,299.99*
GeForce RTX 4080 Laptop GPU	25110	28	NA	NA
GeForce RTX 4080 SUPER	34279	5	34.28	\$999.99
GeForce RTX 4090	38539	1	14.22	\$2,709.50*
GeForce RTX 4090 D	35333	2	NA	NA
GeForce RTX 4090 Laptop GPU	27780	18	NA	NA
GF117	554	1580	NA	NA
Glenfly Arise-GT-10C0	1007	1155	NA	NA
GRID GTX P40-6	4340	466	NA	NA
GRID K1	650	1448	1.65	\$395.00*
GRID K2	2736	629	2.05	\$1,331.97*
GRID K120Q	293	1839	NA	NA
GRID K140Q	727	1375	NA	NA
GRID K160Q	628	1478	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K180Q	533	1608	NA	NA
GRID K220Q	912	1218	NA	NA
GRID K240Q	2541	668	NA	NA
GRID K260Q	2949	600	NA	NA
GRID K280Q	2839	612	NA	NA
GRID K520	3516	532	23.44	\$149.99*
GRID M6-0B	911	1219	NA	NA
GRID M6-1Q	2069	772	NA	NA
GRID M6-8Q	3568	526	NA	NA
GRID M10-0B	870	1243	NA	NA
GRID M10-0Q	795	1308	NA	NA
GRID M10-1B	2309	716	NA	NA
GRID M10-1Q	3351	553	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M10-4Q	2976	598	NA	NA
GRID M10-8Q	1755	878	NA	NA
GRID M60-0B	1838	855	NA	NA
GRID M60-0Q	827	1280	NA	NA
GRID M60-1B	4456	460	NA	NA
GRID M60-1Q	3694	510	NA	NA
GRID M60-2Q	5203	405	NA	NA
GRID M60-4Q	3831	497	NA	NA
GRID M60-8A	5523	376	NA	NA
GRID M60-8Q	3883	493	NA	NA
GRID P4-1B	2151	752	NA	NA
GRID P4-4Q	6843	310	NA	NA
GRID P4-8A	3206	574	NA	NA
GRID P4-8Q	6733	315	NA	NA
GRID P6-2Q	3925	491	NA	NA
GRID P6-4Q	4429	462	NA	NA
GRID P40-2B	9842	217	NA	NA
GRID P40-2Q	4843	430	NA	NA
GRID P40-3Q	681	1417	NA	NA
GRID P40-4Q	5364	385	NA	NA
GRID P40-8Q	7432	292	NA	NA
GRID P40-24Q	8719	250	NA	NA
GRID P100-1B	2223	740	NA	NA
GRID P100-8Q	3267	562	NA	NA
GRID P100-16Q	5944	346	NA	NA
GRID RTX6000-1B	8473	256	NA	NA
GRID RTX6000-6Q	21986	44	NA	NA
GRID RTX6000P-6Q	4777	436	NA	NA
GRID T4-1Q	3302	560	NA	NA
GRID T4-2B	2601	655	NA	NA
GRID T4-2Q	3450	543	NA	NA
GRID T4-4Q	3260	563	NA	NA
GRID T4-8Q	5680	362	NA	NA

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID V 1000-8Q	4100	470	NA	NA
GT 430	223	1910	1.56	\$142.88*
Incredible HD	389	1755	NA	NA
Incredible HD 4000	517	1628	NA	NA
Incredible HD 4600	749	1351	NA	NA
Intel 2nd Generation SandyBridge HD	169	1976	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1937	NA	NA
Intel 4th Generation Haswell HD	419	1733	NA	NA
Intel 865 Embedded Controller	3	2546	NA	NA
Intel 915G,910G Express	4	2535	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2516	NA	NA
Intel 945G Embedded Chipset Function 0	4	2523	NA	NA
Intel 946GZ Embedded Chipset	3	2561	NA	NA
Intel 946GZ Express	2	2582	NA	NA
Intel 82845G Controller	2	2592	NA	NA
Intel 82845G/GL Controller	2	2579	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2571	NA	NA
Intel 82852/82855 GM/GME Controller	1	2603	NA	NA
Intel 82865G Controller	4	2515	NA	NA
Intel 82915G Express	5	2489	NA	NA
Intel 82915G/915GV/910GL	3	2545	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2578	NA	NA
Intel 82915G/GV/910GL Express	3	2566	NA	NA
Intel 82945G Express	10	2447	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2460	NA	NA
Intel - Express Chipset G41	56	2273	NA	NA
Intel - Express Chipset Q45/Q43	57	2268	NA	NA
Intel Arc	5326	389	NA	NA
Intel Arc 130V GPU	4474	456	NA	NA
Intel Arc 140T	5262	393	NA	NA
Intel Arc 140V GPU	5151	408	NA	NA
Intel Arc A310	5502	379	55.03	\$99.99
Intel Arc A310 LP	4752	440	NA	NA

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

Intel Arc A530M	6836	311	NA	NA
Intel Arc A580	11699	184	65.00	\$179.99
Intel Arc A730M	10487	204	NA	NA
Intel Arc A750	12089	177	60.45	\$199.99
Intel Arc A770	13073	152	43.58	\$299.99
Intel Arc A770M	11799	181	NA	NA
Intel Arc B580	15342	109	NA	NA
Intel Arc Pro	5609	366	NA	NA
Intel Arc Pro A60	9300	234	NA	NA
Intel B43 Express Chipset	138	2032	NA	NA
Intel Coffee Lake UHD	1158	1089	NA	NA
Intel Extreme Controller	1	2594	NA	NA
Intel G33/G31 Express	45	2309	NA	NA
Intel G35 Express	2097	765	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	130	2049	NA	NA
Intel G41 Express-Chipsatz	57	2270	NA	NA
Intel G45/G43 Express Chipset	122	2071	NA	NA
Intel G45/G43/G41 Express Chipset	67	2239	NA	NA
Intel G965 Express	222	1911	NA	NA
Intel GMA 3150 Express	2	2586	NA	NA
Intel Graphics	3233	572	NA	NA
Intel Haswell HD - GT1	123	2068	NA	NA
Intel Haswell HD - GT2	139	2029	NA	NA
Intel HD 500	298	1838	NA	NA
Intel HD 505	360	1784	NA	NA
Intel HD 510	622	1487	NA	NA
Intel HD 515	633	1470	NA	NA
Intel HD 520	867	1247	NA	NA
Intel HD 530	997	1160	NA	NA
Intel HD 610	687	1414	NA	NA
Intel HD 615	708	1395	NA	NA
Intel HD 630	1111	1103	NA	NA

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

Intel HD 4000	346	1793	0.22	\$1,592.95
Intel HD 4400	522	1624	NA	NA
Intel HD 4600	627	1479	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1490	NA	NA
Intel HD 5000	586	1536	0.94	\$625.00*
Intel HD 5200	830	1276	NA	NA
Intel HD 5300	400	1747	NA	NA
Intel HD 5500	590	1527	NA	NA
Intel HD 5600	2263	731	NA	NA
Intel HD 6000	873	1242	NA	NA
Intel HD Family	462	1691	NA	NA
Intel HD Graphics 620	925	1208	NA	NA
Intel HD manual-15.28-1861	62	2254	NA	NA
Intel HD manual-gen9_2015-133271	165	1982	NA	NA
Intel HD Modded	112	2111	NA	NA
Intel HD P530	1160	1088	NA	NA
Intel HD P630	1199	1069	NA	NA
Intel HD P3000	284	1850	NA	NA
Intel HD P4000	516	1629	NA	NA
Intel HD P4600	604	1512	NA	NA
Intel HD P4600/P4700	635	1467	NA	NA
Intel Infoshock HD	193	1948	NA	NA
Intel Iris 540	1257	1045	NA	NA
Intel Iris 550	1428	997	NA	NA
Intel Iris 650	1432	992	NA	NA
Intel Iris 5100	746	1356	NA	NA
Intel Iris 6100	900	1228	NA	NA
Intel Iris Plus	1813	863	NA	NA
Intel Iris Plus 640	1352	1018	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Plus 645	1715	889	NA	NA
Intel Iris Plus 650	1605	929	NA	NA
Intel Iris Plus 655	1734	882	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro 6100	925	1209	NA	NA
Intel Iris Pro Graphics 6200	1471	982	NA	NA
Intel Iris Pro P580	2231	738	NA	NA
Intel Iris Pro P6300	1592	935	NA	NA
Intel Iris Xe	2687	638	NA	NA
Intel Iris Xe MAX	1971	803	NA	NA
Intel Iris Xe MAX 100	1927	820	NA	NA
Intel Media Accelerator	32	2371	NA	NA
Intel Media Accelerator 500	3	2553	NA	NA
Intel Media Accelerator 600	6	2470	NA	NA
Intel Media Accelerator 3150	2	2570	NA	NA
Intel Media Accelerator HD	106	2123	NA	NA
Intel Poison Ivy	738	1364	NA	NA
Intel Q33 Express	7	2463	NA	NA
Intel Q35 Embedded	8	2456	NA	NA
Intel Q35 Express	74	2213	NA	NA
Intel Q45/Q43 Express Chipset	201	1940	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2271	NA	NA
Intel Q965/Q963 Express	150	2000	NA	NA
Intel Skylake HD DT GT2	576	1547	NA	NA
Intel UHD 630	614	1498	NA	NA
Intel UHD Graphics	1489	977	NA	NA
Intel UHD Graphics 600	320	1821	NA	NA
Intel UHD Graphics 605	370	1775	NA	NA
Intel UHD Graphics 610	711	1392	NA	NA
Intel UHD Graphics 615	733	1371	NA	NA
Intel UHD Graphics 617	869	1245	NA	NA
Intel UHD Graphics 620	1044	1136	NA	NA
Intel UHD Graphics 630	1241	1048	NA	NA
Intel UHD Graphics 710	1077	1122	NA	NA
Intel UHD Graphics 730	1586	937	NA	NA
Intel UHD Graphics 750	1733	883	NA	NA
Intel UHD Graphics 770	1904	828	NA	NA



Video Card ▼

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

Intel US15 Embedded Media and Controller	/	2467	NA	NA
ION	84	2185	0.37	\$229.99*
ION LE	97	2151	NA	NA
L40-6Q	4718	442	NA	NA
L40S	18881	68	NA	NA
M860G with Mobility Radeon 4100	75	2211	NA	NA
M880G with Mobility Radeon HD 4200	92	2165	NA	NA
M880G with Mobility Radeon HD 4225	71	2223	NA	NA
M880G with Mobility Radeon HD 4250	104	2132	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Master X3100 Driver	10	2448	NA	NA
Matrox C420 LP PCIe x16	597	1519	NA	NA
Matrox C680 PCIe x16	1903	830	NA	NA
Matrox C900 PCIe x16	1812	864	NA	NA
Matrox G200e WDDM 1.2	59	2261	NA	NA
Matrox G200e WDDM 2.0	100	2144	NA	NA
Matrox G200eh	40	2328	NA	NA
Matrox G200eh WDDM 1.2	51	2281	NA	NA
Matrox G200eh WDDM 2.0	46	2304	NA	NA
Matrox G200eR	36	2348	NA	NA
Matrox G200eR WDDM 1.2	45	2307	NA	NA
Matrox G200eR WDDM 2.0	67	2240	NA	NA
Matrox G200eW	39	2333	NA	NA
Matrox G200eW3 WDDM 2.0	89	2175	NA	NA
Matrox G200eW WDDM 1.2	50	2291	NA	NA
Matrox LUMA A310	3690	511	NA	NA
Matrox LUMA A310F	3873	495	NA	NA
Matrox LUMA A380P	5805	354	NA	NA
Matrox M9120 PCIe x16	19	2420	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2398	NA	NA
Matrox M9125 PCIe x16	25	2400	NA	NA
Matrox M9128 LP PCIe x16	31	2376	NA	NA
Matrox M9138 LP PCIe x16	42	2319	NA	NA

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

Matrox Millennium P650 PCIe 128	5	2498	NA	NA
Matrox Millennium P690 PCIe x16	366	1778	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2472	NA	NA
Matrox Parhelia 128MB	3	2555	0.01	\$393.99*
Matrox Parhelia 256MB	9	2450	NA	NA
Matrox Parhelia APVe	5	2491	NA	NA
MEDION RADEON 9800 XXL	71	2222	NA	NA
MEDION RADEON X740XL	94	2158	NA	NA
Meta Virtual Monitor	4035	485	NA	NA
Mi Pad 5 Adreno 640 GPU	722	1381	NA	NA
MIRRORV3	1080	1119	NA	NA
Mobile Intel965 Express	17	2430	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2314	NA	NA
Mobile Intel 45 Express	41	2323	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	2089	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2597	NA	NA
Mobile Intel 945 Express	1	2598	NA	NA
Mobile Intel 945GM Express	5	2486	NA	NA
Mobile Intel 945GM/GU Express	5	2499	NA	NA
Mobile Intel 965 Express	47	2302	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2458	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2408	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2338	NA	NA
Mobile Intel HD	235	1899	0.49	\$479.98*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel serie 4 Express	44	2313	NA	NA
MOBILITY FIREGL 7800	4	2512	NA	NA
MOBILITY FIREGL T2	40	2327	NA	NA
MOBILITY FIREGL T2/T2e	33	2365	NA	NA
MOBILITY FireGL V3200	62	2256	NA	NA
MOBILITY FireGL V5000	81	2195	NA	NA
MOBILITY FireGL V5200	44	2310	NA	NA
MOBILITY FireGL V5250	27	2389	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY RADEON 4100	81	2200	NA	NA
MOBILITY RADEON 7000 IGP	6	2478	NA	NA
MOBILITY RADEON 7500	3	2549	NA	NA
MOBILITY RADEON 9000	3	2559	NA	NA
MOBILITY RADEON 9000 IGP	7	2461	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2490	NA	NA
MOBILITY RADEON 9100 IGP	2	2569	NA	NA
MOBILITY RADEON 9200	3	2568	NA	NA
MOBILITY RADEON 9550	30	2382	NA	NA
MOBILITY RADEON 9600	36	2352	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2404	NA	NA
MOBILITY RADEON 9600/9700	39	2336	NA	NA
MOBILITY RADEON 9700	27	2388	NA	NA
MOBILITY RADEON 9800	46	2305	NA	NA
Mobility Radeon HD 530v	174	1967	NA	NA
Mobility Radeon HD 540v	188	1955	NA	NA
Mobility Radeon HD 545v	199	1943	NA	NA
Mobility Radeon HD 550v	266	1866	NA	NA
Mobility Radeon HD 560v	318	1824	NA	NA
Mobility Radeon HD 565v	353	1788	NA	NA
Mobility Radeon HD 2300	50	2288	NA	NA
Mobility Radeon HD 2400	89	2174	NA	NA
Mobility Radeon HD 2400 XT	102	2139	NA	NA
Mobility Radeon HD 2600	167	1977	NA	NA
Mobility Radeon HD 2600 XT	191	1951	NA	NA
Mobility Radeon HD 3400 Serisi	111	2114	NA	NA
Mobility Radeon HD 3410	62	2253	NA	NA
Mobility Radeon HD 3430	98	2150	NA	NA
Mobility Radeon HD 3450	91	2172	NA	NA
Mobility Radeon HD 3470	93	2162	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2160	NA	NA
Mobility Radeon HD 3650	139	2027	1.90	\$73.53*
Mobility Radeon HD 3670	232	1901	NA	NA

 **Video Card** ▼

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

MOBILITY RADEON HD 3870 X2	477	1667	NA	NA
Mobility Radeon HD 4200	90	2173	NA	NA
Mobility Radeon HD 4225	66	2247	NA	NA
Mobility Radeon HD 4250	98	2148	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4270	92	2164	NA	NA
Mobility Radeon HD 4300 Serisi	73	2218	NA	NA
Mobility Radeon HD 4330	135	2040	NA	NA
Mobility Radeon HD 4350	148	2004	NA	NA
Mobility Radeon HD 4550	191	1953	NA	NA
Mobility Radeon HD 4570	142	2017	1.88	\$75.90*
Mobility Radeon HD 4650	401	1746	NA	NA
Mobility Radeon HD 4670	463	1689	NA	NA
Mobility Radeon HD 4830	511	1631	NA	NA
Mobility Radeon HD 4850	866	1248	NA	NA
Mobility Radeon HD 4870	719	1384	NA	NA
Mobility Radeon HD 5000	773	1328	NA	NA
Mobility Radeon HD 5000 Serisi	478	1663	NA	NA
Mobility Radeon HD 5165	284	1851	NA	NA
Mobility Radeon HD 5430	181	1958	NA	NA
Mobility Radeon HD 5450	214	1923	NA	NA
Mobility Radeon HD 5470	236	1897	NA	NA
Mobility Radeon HD 5570	527	1615	NA	NA
Mobility Radeon HD 5650	449	1710	NA	NA
Mobility Radeon HD 5730	506	1639	NA	NA
Mobility Radeon HD 5850	763	1340	NA	NA
Mobility Radeon HD 5870	1084	1117	NA	NA
Mobility Radeon HD serie 4200	96	2155	NA	NA
MOBILITY RADEON X300	33	2364	NA	NA
MOBILITY RADEON X600	50	2290	NA	NA
MOBILITY RADEON X600 SE	49	2293	NA	NA
MOBILITY RADEON X700	66	2244	NA	NA
MOBILITY RADEON X700 XL	59	2258	NA	NA

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

Mobility Radeon X1400	42	2316	NA	NA
Mobility Radeon X1450	33	2368	NA	NA
Mobility Radeon X1600	92	2167	NA	NA
Mobility Radeon X1700	104	2129	NA	NA
MOBILITY RADEON X1800	130	2051	NA	NA
Mobility Radeon X1900	134	2041	NA	NA
Mobility Radeon X2300	48	2297	NA	NA
Mobility Radeon X2300 HD	48	2296	NA	NA
Mobility Radeon X2500	81	2194	NA	NA
MOBILITY RADEON XPRESS 200	27	2392	NA	NA
Mobility Radeon. HD 5470	215	1922	NA	NA
MOBILITY/RADEON 9000	4	2532	NA	NA
MONSTER GeForce GTX 675M	2637	647	NA	NA
MxGPU	1282	1037	NA	NA
N16P-GX	1204	1065	NA	NA
N18E-Q1	2525	672	NA	NA
nForce 750a SLI	83	2189	NA	NA
nForce 760i SLI	140	2025	NA	NA
nForce 780a SLI	92	2168	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
nForce 980a/780a SLI	81	2197	NA	NA
NV44	15	2434	NA	NA
NVIDIA A10	22064	43	NA	NA
NVIDIA A10-4Q	3424	546	NA	NA
NVIDIA A10G	18773	70	NA	NA
NVIDIA A40	14664	123	NA	NA
NVIDIA A40-8Q	4220	473	NA	NA
NVIDIA A40-12Q	3370	549	NA	NA
NVIDIA GeForce3 Ti200	5	2488	NA	NA
NVIDIA TITAN X	13659	140	22.46	\$608.10*
NVIDIA TITAN Xp	18740	71	11.39	\$1,645.00*
NVS 300	121	2073	1.93	\$62.97*
NVS 310	251	1883	4.05	\$62.06*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 81U	1190	1073	1.90	\$624.99*
NVS 2100M	139	2026	NA	NA
NVS 3100M	116	2094	NA	NA
NVS 4200M	286	1847	0.72	\$399.00*
NVS 5100M	199	1942	NA	NA
NVS 5200M	511	1632	NA	NA
NVS 5400M	624	1485	NA	NA
OPAL XT/GL	1053	1131	NA	NA
P102-100	2945	601	NA	NA
P104-100	3707	509	12.36	\$299.99*
P106-090	2342	708	NA	NA
P106-100	6466	325	NA	NA
Parsec Virtual Display Adapter	5319	390	NA	NA
PCIIVEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	908	NA	NA
PCIIVEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	914	NA	NA
PHDGD Ivy 4	374	1773	NA	NA
PHDGD Ivy 5	445	1713	NA	NA
PHDGD Quantic C3	116	2090	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2397	NA	NA
PHDGD Solo 1.2.0 x86	11	2446	NA	NA
PHDGD Solo 2 x64	20	2419	NA	NA
Q12U-1	5164	407	NA	NA
Quadro2 MXR/EX	4	2522	NA	NA
Quadro2 Pro	1	2605	NA	NA
Quadro4 380 XGL	6	2473	NA	NA
Quadro4 900 XGL	4	2505	NA	NA
Quadro4 980 XGL	5	2503	0.01	\$341.43*
Quadro 280 NVS PCIe	5	2487	NA	NA
Quadro 400	148	2003	0.70	\$211.00*
Quadro 410	437	1717	3.39	\$129.00*
Quadro 500M	570	1555	2.07	\$275.14*
Quadro 600	530	1613	6.98	\$76.00*

 **Video Card** ▼

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

videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
Quadro 2000	946	1190	4.44	\$213.23*
Quadro 2000 D	1239	1049	NA	NA
Quadro 2000D	976	1174	1.73	\$565.17
Quadro 2000M	778	1320	3.39	\$229.74*
Quadro 2100M	1100	1109	NA	NA
Quadro 3000M	995	1162	14.22	\$69.99*
Quadro 4000	1477	981	2.11	\$699.00*
Quadro 4000M	1302	1032	5.61	\$232.06*
Quadro 5000	1934	816	0.90	\$2,154.58
Quadro 5000M	2059	776	NA	NA
Quadro 5010M	1771	874	7.51	\$235.95*
Quadro 6000	2685	639	0.66	\$4,092.38*
Quadro 7000	3505	534	NA	NA
Quadro CX	947	1189	6.32	\$149.95*
Quadro FX 350	85	2179	NA	NA
Quadro FX 350M	44	2312	NA	NA
Quadro FX 360M	86	2177	NA	NA
Quadro FX 370	83	2188	0.67	\$125.00*
Quadro FX 370 Low Profile	102	2136	NA	NA
Quadro FX 370 LP	108	2121	NA	NA
Quadro FX 370M	93	2163	NA	NA
Quadro FX 380	157	1989	2.17	\$72.50*
Quadro FX 380 LP	122	2069	NA	NA
Quadro FX 380M	120	2077	NA	NA
Quadro FX 500/600 PCI	14	2436	NA	NA
Quadro FX 500/FX 600	7	2465	NA	NA
Quadro FX 540	80	2202	1.35	\$59.99*
Quadro FX 550	63	2251	0.22	\$287.82*
Quadro FX 560	113	2104	0.76	\$150.25*
Quadro FX 570	220	1916	1.92	\$115.00*
Quadro FX 570M	104	2133	NA	NA
Quadro FX 580	161	1986	1.24	\$130.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1000	34	2360	NA	NA
Quadro FX 1100	35	2353	0.17	\$212.99*
Quadro FX 1300	34	2359	NA	NA
Quadro FX 1400	124	2064	0.51	\$245.01*
Quadro FX 1500	169	1974	0.37	\$453.31
Quadro FX 1500M	171	1970	NA	NA
Quadro FX 1600M	131	2048	0.87	\$149.90*
Quadro FX 1700	181	1957	0.52	\$350.14*
Quadro FX 1700M	172	1969	NA	NA
Quadro FX 1800	397	1749	2.95	\$135.00*
Quadro FX 1800M	466	1683	NA	NA
Quadro FX 2000	18	2427	NA	NA
Quadro FX 2500M	217	1919	12.45	\$17.50*
Quadro FX 2700	543	1597	NA	NA
Quadro FX 2700M	366	1777	3.67	\$99.95*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 2800M	415	1735	2.19	\$190.00*
Quadro FX 3000	69	2235	0.41	\$166.61*
Quadro FX 3400/4400	104	2131	NA	NA
Quadro FX 3450	148	2002	1.24	\$119.99*
Quadro FX 3450/4000 SDI	179	1962	NA	NA
Quadro FX 3500	259	1873	3.77	\$68.98*
Quadro FX 3500M	306	1833	3.06	\$99.99*
Quadro FX 3600M	466	1682	NA	NA
Quadro FX 3700	377	1765	1.77	\$213.27*
Quadro FX 3700M	456	1701	0.49	\$925.00*
Quadro FX 3800	824	1283	3.18	\$259.13*
Quadro FX 3800M	580	1541	NA	NA
Quadro FX 4000	101	2143	NA	NA
Quadro FX 4500	227	1904	1.34	\$169.00*
Quadro FX 4500 X2	236	1898	NA	NA
Quadro FX 4600	425	1725	1.28	\$333.25*
Quadro FX 4700 X2	676	1426	NA	NA



Video Card



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

Quadro FX 5600	525	1618	1.78	\$295.00*
Quadro FX 5800	1221	1059	4.46	\$274.00*
Quadro FX Go1400	101	2140	NA	NA
Quadro GP100	16374	96	NA	NA
Quadro GV100	19824	55	2.20	\$8,999.00*
Quadro K420	741	1363	2.76	\$269.00*
Quadro K510M	641	1460	NA	NA
Quadro K600	732	1372	12.17	\$60.24*
Quadro K610M	718	1388	2.99	\$240.00*
Quadro K620	2232	737	1.10	\$2,029.99*
Quadro K620M	1165	1084	NA	NA
Quadro K1000M	778	1319	11.13	\$69.95*
Quadro K1100M	1090	1115	3.38	\$322.99*
Quadro K1200	2939	602	10.30	\$285.29*
Quadro K2000	1581	941	5.38	\$294.00*
Quadro K2000D	1586	938	4.67	\$339.99*
Quadro K2000M	1010	1152	7.02	\$144.04*
Quadro K2100M	1360	1017	3.27	\$415.99*
Quadro K2200	3555	527	13.25	\$268.30*
Quadro K2200M	3456	540	27.66	\$124.95*
Quadro K3000M	1643	913	4.03	\$407.56*
Quadro K3100M	2263	732	5.66	\$399.95*
Quadro K4000	2718	633	10.07	\$270.00*
Quadro K4000M	1917	824	7.55	\$254.00*
Quadro K4100M	2755	625	10.55	\$261.29*
Quadro K4200	4331	467	17.39	\$249.00*
Quadro K5000	3991	488	16.03	\$249.00*
Quadro K5000M	2778	622	5.46	\$508.91*
Quadro K5100M	3190	576	2.88	\$1,108.84*
Quadro K5200	6103	341	14.71	\$415.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K6000	8059	269	38.26	\$210.66*
Quadro M500M	1167	1082	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro Mb2U	2792	620	NA	NA
Quadro M1000M	2846	611	33.11	\$85.99*
Quadro M1200	3241	569	NA	NA
Quadro M2000	3985	489	15.08	\$264.24*
Quadro M2000M	3451	542	16.19	\$213.16*
Quadro M2200	4248	471	17.00	\$249.99*
Quadro M3000M	5630	365	35.20	\$159.95*
Quadro M4000	6672	320	18.43	\$362.00*
Quadro M4000M	6148	337	24.12	\$254.91*
Quadro M5000	9360	232	18.76	\$499.00*
Quadro M5000M	7003	305	12.81	\$546.92*
Quadro M5500	7915	273	NA	NA
Quadro M6000	11758	182	2.39	\$4,914.90*
Quadro M6000 24GB	11871	179	NA	NA
Quadro NVS 55/280 PCI	6	2481	NA	NA
Quadro NVS 110M	47	2300	NA	NA
Quadro NVS 120M	46	2303	NA	NA
Quadro NVS 130M	97	2154	NA	NA
Quadro NVS 135M	50	2289	NA	NA
Quadro NVS 140M	78	2208	NA	NA
Quadro NVS 150M	70	2229	NA	NA
Quadro NVS 160M	135	2039	NA	NA
Quadro NVS 210S	23	2409	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2418	NA	NA
Quadro NVS 280 PCI	8	2459	0.06	\$130.00*
Quadro NVS 280 SD	2	2588	NA	NA
Quadro NVS 285	42	2320	0.25	\$169.86*
Quadro NVS 285 128MB	38	2340	0.70	\$55.00*
Quadro NVS 290	228	1903	3.86	\$59.00*
Quadro NVS 295	93	2161	1.48	\$63.00*
Quadro NVS 320M	208	1934	NA	NA
Quadro NVS 420	120	2079	0.80	\$150.00*
Quadro NVS 440	37	2344	0.16	\$228.87*

 **Video Card** ▼

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

Quadro P400	1646	912	8.18	\$201.17
Quadro P500	1630	918	NA	NA
Quadro P520	2092	766	1.40	\$1,499.00*
Quadro P600	3317	559	15.75	\$210.58*
Quadro P620	3643	519	6.34	\$574.55*
Quadro P1000	4461	459	15.39	\$289.99*
Quadro P2000	6931	308	15.77	\$439.60*
Quadro P2000 with Max-Q Design	5270	392	NA	NA
Quadro P2200	9335	233	20.30	\$459.80*
Quadro P3000	6509	322	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P3200	8762	249	22.51	\$389.30*
Quadro P3200 with Max-Q Design	9211	237	NA	NA
Quadro P4000	11625	187	20.90	\$556.19*
Quadro P4000 with Max-Q Design	9082	240	NA	NA
Quadro P4200	10491	203	NA	NA
Quadro P4200 with Max-Q Design	11446	190	NA	NA
Quadro P5000	12560	164	6.72	\$1,868.99*
Quadro P5200	12151	175	NA	NA
Quadro P5200 with Max-Q Design	12568	163	NA	NA
Quadro P6000	15307	110	4.71	\$3,250.00*
Quadro RTX 3000	11111	194	NA	NA
Quadro RTX 3000 with Max-Q Design	8353	261	NA	NA
Quadro RTX 4000	15300	111	17.02	\$899.00*
Quadro RTX 4000 (Mobile)	12294	172	NA	NA
Quadro RTX 4000 with Max-Q Design	12476	166	NA	NA
Quadro RTX 5000	15973	100	NA	NA
Quadro RTX 5000 (Mobile)	14832	120	NA	NA
Quadro RTX 5000 with Max-Q Design	13360	147	NA	NA
Quadro RTX 6000	18691	72	2.97	\$6,300.00*
Quadro RTX 8000	19278	63	4.49	\$4,290.00*
Quadro T1000	6467	324	17.48	\$369.99*
Quadro T1000 with Max-Q Design	6722	316	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Qualcomm Adreno 7c Gen 3 GPU	148	1353	NA	NA
Qualcomm Adreno 7c+ Gen 3	567	1561	NA	NA
Qualcomm Adreno 8cx Gen 3	1954	812	NA	NA
Qualcomm Adreno 540 GPU	118	2085	NA	NA
Qualcomm Adreno 618 GPU	126	2060	NA	NA
Qualcomm Adreno 630 GPU	282	1853	NA	NA
Qualcomm Adreno 675 GPU	539	1601	NA	NA
Qualcomm Adreno 680 GPU	836	1268	NA	NA
Qualcomm Adreno 685 GPU	979	1171	NA	NA
Qualcomm Adreno 690 GPU	1049	1134	NA	NA
Qualcomm Adreno X1-45 GPU	1582	939	NA	NA
Qualcomm Adreno X1-85 GPU	2739	628	NA	NA
QXL KMDOD	18	2422	NA	NA
Radeon 520	864	1249	9.60	\$89.99*
Radeon 530	1025	1146	NA	NA
Radeon 535	1077	1123	NA	NA
Radeon 535DX	773	1325	NA	NA
Radeon 540	1383	1009	NA	NA
Radeon 540X	1437	989	NA	NA
Radeon 550	2044	778	22.72	\$89.99*
Radeon 550X	1396	1006	NA	NA
Radeon 610M	1100	1107	NA	NA
Radeon 610M Ryzen 9 7845HX	14990	117	NA	NA
Radeon 610M Ryzen 9 7940HX	1656	907	NA	NA
Radeon 610M Ryzen 9 7945HX	1531	960	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 620	906	1223	NA	NA
Radeon 625	1094	1112	NA	NA
Radeon 630	1434	991	NA	NA
Radeon 660M Ryzen 5 7535HS	3486	536	NA	NA
Radeon 680M Ryzen 7 7735HS	6166	335	NA	NA
Radeon 740M	3203	575	NA	NA
Radeon 760M	5772	356	NA	NA



Video Card ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 88UM	1138	280	NA	NA
Radeon 890M	8426	257	NA	NA
Radeon 2100	59	2259	0.31	\$190.99*
Radeon 3000	98	2149	0.31	\$319.00*
Radeon 3015e	379	1762	NA	NA
Radeon 3020e	463	1688	NA	NA
Radeon 3100	73	2216	0.39	\$189.15*
Radeon 6600M	524	1619	NA	NA
Radeon 6750M	911	1220	NA	NA
Radeon 7000 / Radeon VE	2	2576	NA	NA
RADEON 7000 / RADEON VE Family	3	2541	NA	NA
RADEON 7200	2	2572	0.00	\$599.99*
RADEON 7500	3	2562	0.02	\$177.25*
RADEON 7500 Family	4	2513	NA	NA
Radeon 8050S	16662	87	NA	NA
Radeon 8060S	16453	95	NA	NA
RADEON 8500 Family	6	2474	NA	NA
RADEON 9000	4	2517	NA	NA
RADEON 9000 Family	3	2551	NA	NA
RADEON 9100 Family	6	2480	NA	NA
RADEON 9100 IGP	5	2496	NA	NA
RADEON 9200	3	2548	0.02	\$153.63*
RADEON 9200 LE Family	2	2580	NA	NA
RADEON 9200 PRO Family	2	2573	NA	NA
RADEON 9200 SE	2	2584	NA	NA
RADEON 9250	2	2581	0.01	\$194.00*
RADEON 9500	36	2350	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	2322	NA	NA
RADEON 9550	34	2357	0.12	\$291.74*
Radeon 9550 / X1050	29	2386	NA	NA
RADEON 9600 Family	25	2403	NA	NA
RADEON 9600 PRO	42	2317	NA	NA
RADEON 9600 PRO Family	26	2394	NA	NA

 **Video Card** ▼

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

RADEON 9600SE	27	2390	NA	NA
RADEON 9700 PRO	53	2276	NA	NA
Radeon 9700 TX w/TV-Out	44	2315	NA	NA
RADEON 9800	57	2269	0.18	\$325.00*
RADEON 9800 PRO	59	2260	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9800 SE	23	2410	NA	NA
RADEON 9800 XT	56	2272	NA	NA
RADEON A9800XT	22	2415	NA	NA
Radeon Athlon Gold 3150U	771	1330	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	944	NA	NA
Radeon Athlon PRO 3045B	555	1577	NA	NA
Radeon Athlon Silver 3050U	679	1418	NA	NA
RADEON E2400	51	2282	NA	NA
RADEON E4690	405	1745	NA	NA
Radeon E6460	323	1816	NA	NA
Radeon E6465	231	1902	NA	NA
Radeon E6760	876	1240	3.65	\$239.99*
Radeon E8860	1686	897	NA	NA
Radeon E8870PCIe	3368	551	NA	NA
Radeon Eng_Sample: 100-000000085-40_35/24_Y	1440	988	NA	NA
Radeon Eng_Sample: 100-000000261-50_Y	3490	535	NA	NA
Radeon Eng_Sample: 100-000000262-30_Y	2415	687	NA	NA
Radeon Eng_Sample: 100-000000285-40_Y	2267	730	NA	NA
Radeon Eng_Sample: 100-000000287-40_Y	1861	846	NA	NA
Radeon Eng_Sample: 100-000000300-30_Y	2717	634	NA	NA
Radeon Eng_Sample: 100-000000300-40_Y	2670	641	NA	NA
Radeon Eng_Sample: 100-000000371-40_42/18_Y	2590	656	NA	NA
Radeon Eng_Sample: 100-000000375-40_39/21_Y	1430	996	NA	NA
Radeon Eng_Sample: 100-000000534-40_Y	5511	378	NA	NA
Radeon Eng_Sample: 100-000000560-40_Y	4899	427	NA	NA
Radeon Eng_Sample: 100-000000561-40_Y	4141	478	NA	NA
Radeon EPYC 4124P 4-Core	1614	926	NA	NA

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

Radeon EPYC 4364P 8-Core	1667	904	NA	NA
Radeon EPYC 4464P 12-Core	1613	927	NA	NA
Radeon EPYC 4484PX 12-Core	1619	921	NA	NA
Radeon EPYC 4564P 16-Core	1767	875	NA	NA
Radeon EPYC 4584PX 16-Core	1661	906	NA	NA
Radeon HD4650	239	1893	1.57	\$152.90*
Radeon HD4670	365	1779	NA	NA
RADEON HD6370D	320	1820	NA	NA
RADEON HD6410D	422	1730	NA	NA
RADEON HD6530D	531	1612	NA	NA
RADEON HD7450	199	1944	8.95	\$22.25*
Radeon HD8530M	490	1655	NA	NA
Radeon HD8970M	3368	550	NA	NA
Radeon HD 2350	76	2209	NA	NA
Radeon HD 2400	120	2078	1.37	\$88.20*
Radeon HD 2400 PCI	14	2437	NA	NA
Radeon HD 2400 Pro	114	2103	NA	NA
Radeon HD 2400 XT	118	2082	NA	NA
Radeon HD 2600 PRO	211	1928	1.12	\$188.44*
Radeon HD 2600 Pro AGP	110	2116	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2600 XT	282	1854	1.78	\$159.00*
Radeon HD 2900 GT	292	1841	NA	NA
Radeon HD 2900 PRO	627	1480	NA	NA
Radeon HD 2900 XT	659	1436	NA	NA
Radeon HD 3000	95	2156	NA	NA
Radeon HD 3200	82	2191	NA	NA
Radeon HD 3300	126	2059	NA	NA
Radeon HD 3450	155	1994	1.75	\$89.00*
Radeon HD 3470	118	2084	1.08	\$109.65*
Radeon HD 3650 AGP	150	2001	0.81	\$185.00*
Radeon HD 3670	167	1978	NA	NA
Radeon HD 3850	392	1753	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3870	555	1578	2.23	\$249.10
Radeon HD 3870 X2	708	1394	NA	NA
Radeon HD 4200	111	2113	NA	NA
Radeon HD 4250	122	2070	NA	NA
Radeon HD 4270	109	2117	NA	NA
Radeon HD 4290	140	2021	NA	NA
Radeon HD 4300/4500 Serisi	155	1993	NA	NA
Radeon HD 4330	115	2097	NA	NA
Radeon HD 4350	142	2015	2.80	\$50.99*
Radeon HD 4550	235	1900	1.51	\$156.00*
Radeon HD 4650	243	1891	3.48	\$69.99*
Radeon HD 4650 AGP	207	1935	NA	NA
Radeon HD 4670	379	1763	2.65	\$142.96*
Radeon HD 4770	909	1221	7.29	\$124.86*
Radeon HD 4810	769	1333	NA	NA
Radeon HD 4830	838	1265	13.97	\$59.99*
Radeon HD 4850	936	1200	6.69	\$139.99*
Radeon HD 4850 X2	1132	1095	NA	NA
Radeon HD 4870	1380	1012	9.53	\$144.84
Radeon HD 4870 X2	1309	1028	NA	NA
Radeon HD 4890	1507	969	16.76	\$89.99*
Radeon HD 5450	136	2037	1.95	\$69.85
Radeon HD 5470	268	1864	NA	NA
Radeon HD 5550	376	1769	6.85	\$54.99*
Radeon HD 5570	477	1669	2.94	\$162.35*
Radeon HD 5600/5700	633	1472	NA	NA
Radeon HD 5670	802	1297	8.28	\$96.92
Radeon HD 5750	1164	1086	9.25	\$125.96
Radeon HD 5770	1342	1021	7.06	\$189.99*
Radeon HD 5830	1732	884	6.69	\$258.99*
Radeon HD 5850	1969	804	6.82	\$288.99*
Radeon HD 5870	2215	742	5.15	\$429.99
Radeon HD 5970	2282	722	3.16	\$721.20*

 **Video Card** ▼

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

videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon HD 6290	104	2130	NA	NA
Radeon HD 6290M	140	2023	NA	NA
Radeon HD 6300M	143	2013	NA	NA
Radeon HD 6310	122	2072	NA	NA
Radeon HD 6320	147	2007	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1921	NA	NA
Radeon HD 6320M	198	1945	NA	NA
RADEON HD 6350	140	2020	2.39	\$59.00*
Radeon HD 6370D	255	1880	NA	NA
Radeon HD 6370M	275	1859	NA	NA
Radeon HD 6380G	200	1941	0.50	\$399.99*
Radeon HD 6410D	236	1896	NA	NA
Radeon HD 6430M	192	1950	NA	NA
Radeon HD 6450	197	1946	2.22	\$89.00*
Radeon HD 6450 + 8470D Dual	762	1341	NA	NA
Radeon HD 6450A	260	1872	NA	NA
Radeon HD 6470M	227	1905	0.40	\$569.99*
Radeon HD 6480G	256	1878	NA	NA
Radeon HD 6480M	353	1787	NA	NA
Radeon HD 6490M	377	1766	0.32	\$1,193.03*
Radeon HD 6520G	299	1837	NA	NA
Radeon HD 6530D	337	1802	NA	NA
Radeon HD 6550A	707	1396	NA	NA
Radeon HD 6550D	400	1748	NA	NA
Radeon HD 6570	550	1584	8.47	\$64.99*
Radeon HD 6610M	565	1564	NA	NA
Radeon HD 6620G	341	1796	NA	NA
Radeon HD 6630M	684	1416	NA	NA
Radeon HD 6650A	835	1270	NA	NA
Radeon HD 6650M	752	1349	NA	NA
Radeon HD 6670	724	1377	10.50	\$68.99*
Radeon HD 6670 + 6670 Dual	646	1455	NA	NA

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

Radeon HD 6700M	1016	1148	NA	NA
Radeon HD 6750	1043	1139	13.04	\$79.99*
Radeon HD 6750M	937	1199	NA	NA
Radeon HD 6770	1250	1047	4.72	\$264.99*
Radeon HD 6770M	964	1181	NA	NA
Radeon HD 6790	1618	922	5.51	\$294.00*
Radeon HD 6800M	798	1301	NA	NA
Radeon HD 6850	1966	805	9.30	\$211.60*
Radeon HD 6850 X2	2534	669	NA	NA
Radeon HD 6870	2216	741	7.82	\$283.54
Radeon HD 6900M	1701	892	NA	NA
Radeon HD 6950	2608	652	18.63	\$139.99*
Radeon HD 6970	2833	613	18.89	\$149.99*
Radeon HD 6970M	2270	726	10.51	\$215.99*
Radeon HD 6990	3013	594	6.05	\$498.49*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7290	111	2112	NA	NA
Radeon HD 7290M	123	2066	NA	NA
Radeon HD 7310	128	2055	NA	NA
Radeon HD 7310 - Carte graphique	174	1968	NA	NA
Radeon HD 7310G	180	1959	NA	NA
Radeon HD 7310M	166	1980	NA	NA
Radeon HD 7340	153	1996	0.28	\$552.69*
Radeon HD 7340G	196	1947	NA	NA
Radeon HD 7340M	221	1913	NA	NA
Radeon HD 7350	165	1983	NA	NA
Radeon HD 7400G	267	1865	NA	NA
Radeon HD 7420G	308	1831	NA	NA
Radeon HD 7450	224	1907	4.50	\$49.99*
Radeon HD 7450A	288	1845	NA	NA
Radeon HD 7450M	329	1811	NA	NA
Radeon HD 7470	289	1844	3.55	\$81.37*
Radeon HD 7470M	407	1741	NA	NA

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

Radeon HD 7500G + 7500M/7600M Dual	616	1495	NA	NA
Radeon HD 7500G + 7550M Dual	497	1650	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1786	NA	NA
Radeon HD 7520G	316	1825	NA	NA
Radeon HD 7520G + 7400M Dual	486	1660	NA	NA
Radeon HD 7520G + 7470M Dual	542	1598	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1540	NA	NA
Radeon HD 7520G + 7600M Dual	591	1526	NA	NA
Radeon HD 7520G + 7610M Dual	588	1532	NA	NA
Radeon HD 7520G + 7650M Dual	453	1705	NA	NA
Radeon HD 7520G + 7670M Dual	523	1622	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1128	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1829	NA	NA
Radeon HD 7520G + 8750M Dual	376	1767	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1594	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1273	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1711	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1652	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1550	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1486	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1447	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600	574	1553	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1781	NA	NA
Radeon HD 7540D	332	1807	NA	NA
Radeon HD 7540D + 6570 Dual	719	1385	NA	NA
Radeon HD 7540D + 7500 Dual	821	1287	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1458	NA	NA
Radeon HD 7550M	464	1686	NA	NA
Radeon HD 7550M/7650M	728	1374	NA	NA
Radeon HD 7560D	458	1697	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + 6450 Dual	568	1559	NA	NA
Radeon HD 7560D				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + 7570 Dual	985	1167	NA	NA
Radeon HD 7560D + 7670 Dual	1426	998	NA	NA
Radeon HD 7560D + 7700 Dual	1919	823	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1053	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	949	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1607	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	1044	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	1011	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	1020	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1201	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1567	NA	NA
Radeon HD 7570	610	1503	5.96	\$102.49*
Radeon HD 7570M	427	1724	NA	NA
Radeon HD 7570M/HD 7670M	699	1406	NA	NA
Radeon HD 7580D	350	1791	NA	NA
Radeon HD 7600G	327	1814	NA	NA
Radeon HD 7600G + 6400M Dual	376	1768	NA	NA
Radeon HD 7600G + 7450M Dual	389	1754	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1744	NA	NA
Radeon HD 7600G + 7550M Dual	423	1729	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	333	1806	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1812	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1670	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1635	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1596	NA	NA
Radeon HD 7600G + HD Dual	435	1721	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1617	NA	NA
Radeon HD 7600M + 7600M Dual	773	1326	NA	NA
Radeon HD 7610M	632	1473	NA	NA
Radeon HD 7620G	363	1782	NA	NA
Radeon HD 7620G + 8600M Dual	508	1636	NA	NA
Radeon HD 7620G + 8670M Dual	577	1546	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1714	NA	NA

 **Video Card** ▼

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

Radeon HD 7640G	457	1698	NA	NA
Radeon HD 7640G + 6400M Dual	526	1616	NA	NA
Radeon HD 7640G + 7400M Dual	637	1463	NA	NA
Radeon HD 7640G + 7450M Dual	754	1347	NA	NA
Radeon HD 7640G + 7470M Dual	595	1522	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1482	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1324	NA	NA
Radeon HD 7640G + 7600M Dual	705	1400	NA	NA
Radeon HD 7640G + 7610M Dual	510	1633	NA	NA
Radeon HD 7640G + 7650M Dual	747	1354	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 7670M Dual	644	1457	NA	NA
Radeon HD 7640G + 7690M Dual	945	1192	NA	NA
Radeon HD 7640G + 7700M Dual	690	1411	NA	NA
Radeon HD 7640G + 8500M Dual	585	1538	NA	NA
Radeon HD 7640G + 8570M Dual	558	1572	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1413	NA	NA
Radeon HD 7640G + 8600M Dual	249	1886	NA	NA
Radeon HD 7640G + 8670M Dual	558	1571	NA	NA
Radeon HD 7640G + 8750M Dual	654	1441	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1488	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1728	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1402	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1743	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1627	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1530	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1474	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1507	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1432	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1675	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1535	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1423	NA	NA

[Radeon HD 76:](#) NA

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

Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1420	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1731	NA	NA
Radeon HD 7650A	569	1558	2.17	\$262.00*
Radeon HD 7650M	437	1719	NA	NA
Radeon HD 7660D	510	1634	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1108	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1051	NA	NA
Radeon HD 7660D + 7470 Dual	465	1685	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1100	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1066	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1127	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	978	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1471	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1800	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	809	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1620	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1197	NA	NA
Radeon HD 7660G	476	1672	NA	NA
Radeon HD 7660G + 7400M Dual	588	1533	NA	NA
Radeon HD 7660G + 7470M Dual	630	1475	NA	NA
Radeon HD 7660G + 7600M Dual	831	1275	NA	NA
Radeon HD 7660G + 7610M Dual	745	1358	NA	NA
Radeon HD 7660G + 7670M Dual	743	1360	NA	NA
Radeon HD 7660G + 7700M Dual	757	1345	NA	NA
Radeon HD 7660G + 7730M Dual	931	1205	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + 8600M Dual	445	1712	NA	NA
Radeon HD 7660G + 8670M Dual	587	1534	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1156	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1342	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1159	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1560	NA	NA
Radeon HD 7660G				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + HD 7730M Dual	881	1238	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1343	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1355	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1783	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1391	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1378	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1401	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1180	NA	NA
Radeon HD 7670	800	1299	NA	NA
Radeon HD 7670A	1050	1132	NA	NA
Radeon HD 7670M	472	1678	0.75	\$629.99*
Radeon HD 7670M + 7670M Dual	738	1366	NA	NA
Radeon HD 7690M	909	1222	NA	NA
Radeon HD 7690M XT	1009	1154	NA	NA
Radeon HD 7700-serie	1899	831	NA	NA
Radeon HD 7730	1192	1070	5.13	\$232.70*
Radeon HD 7730M	777	1321	NA	NA
Radeon HD 7750	1697	894	12.61	\$134.59
Radeon HD 7750M	1191	1071	NA	NA
Radeon HD 7770	2173	749	7.24	\$300.00*
Radeon HD 7790	3090	589	22.07	\$139.99*
Radeon HD 7800-serie	4029	486	NA	NA
Radeon HD 7850	3870	496	22.12	\$174.99
Radeon HD 7850M	1372	1013	NA	NA
Radeon HD 7870	4628	445	26.30	\$176.00*
Radeon HD 7870 XT	4469	457	NA	NA
Radeon HD 7870M	1507	970	NA	NA
Radeon HD 7950 / R9 280	4764	439	19.78	\$240.83*
Radeon HD 7970 / R9 280X	5247	397	21.25	\$246.99*
Radeon HD 7970M	3568	525	NA	NA
Radeon HD 7990	5565	370	13.91	\$399.99*
Radeon HD 8180	138	2031	NA	NA

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

Radeon HD 824U	240	1889	NA	NA
Radeon HD 8250	212	1927	NA	NA
Radeon HD 8280	260	1871	NA	NA
Radeon HD 8280E	256	1879	NA	NA
Radeon HD 8280G	269	1863	NA	NA
Radeon HD 8310E	340	1798	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8330	266	1867	NA	NA
Radeon HD 8330E	259	1874	NA	NA
Radeon HD 8350	162	1984	1.63	\$99.81*
Radeon HD 8350G	304	1834	NA	NA
Radeon HD 8370D	311	1828	NA	NA
Radeon HD 8400	265	1868	NA	NA
Radeon HD 8400E	275	1860	NA	NA
Radeon HD 8410G	435	1722	NA	NA
Radeon HD 8450G	341	1794	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1126	NA	NA
Radeon HD 8450G + 8600M Dual	545	1592	NA	NA
Radeon HD 8450G + 8670M Dual	474	1674	NA	NA
Radeon HD 8450G + 8750M Dual	637	1464	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1706	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1668	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1644	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1544	NA	NA
Radeon HD 8470	250	1885	NA	NA
Radeon HD 8470D	373	1774	NA	NA
Radeon HD 8470D + 6450 Dual	717	1389	NA	NA
Radeon HD 8470D + 6570 Dual	837	1266	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1250	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	990	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	954	NA	NA
Radeon HD 8490	263	1870	2.93	\$89.99*
Radeon HD 8500M	421	1732	NA	NA

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

Radeon HD 8510G + 8500M Dual	596	1520	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1476	NA	NA
Radeon HD 8550D	566	1563	NA	NA
Radeon HD 8550G	411	1738	NA	NA
Radeon HD 8550G + 7600M Dual	901	1226	NA	NA
Radeon HD 8550G + 8500M Dual	602	1513	NA	NA
Radeon HD 8550G + 8570M Dual	532	1610	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1298	NA	NA
Radeon HD 8550G + 8600M Dual	617	1494	NA	NA
Radeon HD 8550G + 8670M Dual	579	1542	NA	NA
Radeon HD 8550G + 8690M Dual	664	1434	NA	NA
Radeon HD 8550G + 8750M Dual	795	1307	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1587	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1570	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1614	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1442	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1524	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1590	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1289	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1491	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1658	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1502	NA	NA
Radeon HD 8570	943	1195	9.56	\$98.68*
Radeon HD 8570 + 8670D Dual	620	1489	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1187	NA	NA
Radeon HD 8570D	435	1720	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1050	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1140	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1772	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1246	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	1043	NA	NA
Radeon HD 85				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8570D + HD 8570 Dual	1032	1142	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1681	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1158	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1182	NA	NA
Radeon HD 8570M	441	1716	NA	NA
Radeon HD 8600/8700M	1029	1143	NA	NA
Radeon HD 8610G	415	1734	NA	NA
Radeon HD 8610G + 8500M Dual	610	1505	NA	NA
Radeon HD 8610G + 8600M Dual	588	1531	NA	NA
Radeon HD 8610G + 8670M Dual	599	1516	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1456	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1662	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1545	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1425	NA	NA
Radeon HD 8650D	396	1750	NA	NA
Radeon HD 8650G	523	1621	NA	NA
Radeon HD 8650G + 7600M Dual	741	1362	NA	NA
Radeon HD 8650G + 7670M Dual	883	1237	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1097	NA	NA
Radeon HD 8650G + 8500M Dual	626	1483	NA	NA
Radeon HD 8650G + 8570M Dual	654	1443	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1274	NA	NA
Radeon HD 8650G + 8600M Dual	613	1500	NA	NA
Radeon HD 8650G + 8670M Dual	635	1468	NA	NA
Radeon HD 8650G + 8750M Dual	786	1311	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1288	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1469	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1390	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1339	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1508	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1344	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1539	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1446	NA	NA



Video Card ▼

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

<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1415	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u>	773	1327	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</u>	796	1306	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1419	NA	NA
<u>Radeon HD 8670D</u>	533	1609	NA	NA
<u>Radeon HD 8670D + 6670 Dual</u>	1361	1015	NA	NA
<u>Radeon HD 8670D + 7000 Dual</u>	811	1294	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	869	NA	NA
<u>Radeon HD 8670D + 8570 Dual</u>	974	1176	NA	NA
<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	1058	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	1387	NA	NA
<u>Radeon HD 8670D + HD 7600 Dual</u>	1317	1025	NA	NA
<u>Radeon HD 8670D + HD 7700 Dual</u>	1892	837	NA	NA
<u>Radeon HD 8670D + R5 235 Dual</u>	836	1267	NA	NA
<u>Radeon HD 8670D + R5 330 Dual</u>	746	1357	NA	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	1186	NA	NA
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	1147	NA	NA
<u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u>	488	1656	NA	NA
<u>Radeon HD 8670M</u>	520	1626	NA	NA
<u>Radeon HD 8690A</u>	501	1645	NA	NA
<u>Radeon HD 8690M</u>	984	1169	NA	NA
<u>Radeon HD 8730M</u>	791	1310	NA	NA
<u>Radeon HD 8750M</u>	1012	1151	NA	NA
<u>Radeon HD 8770</u>	2606	653	NA	NA
<u>Radeon HD 8790M</u>	1305	1031	NA	NA
<u>Radeon HD 8790M / R9 M290X</u>	1210	1062	NA	NA
<u>Radeon HD 8850M</u>	973	1177	NA	NA
<u>Radeon HD 8850M / R9 M265X</u>	1139	1092	NA	NA
<u>Radeon HD 8870M</u>	1638	915	NA	NA
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	868	NA	NA
<u>Radeon HD 8950</u>	2793	619	NA	NA
<u>Radeon HD 89</u>				\$139.99*

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

Radeon HDG 467U	170	1971	NA	NA
RADEON IGP 34xM	1	2600	NA	NA
RADEON IGP 320	3	2543	NA	NA
Radeon IGP 320M	3	2550	NA	NA
Radeon IGP 340M	2	2587	NA	NA
RADEON IGP 345M	2	2575	NA	NA
RADEON IGP 350M	6	2482	NA	NA
Radeon Infoshock 3000	106	2122	NA	NA
Radeon Instinct MI25 MxGPU	4978	423	NA	NA
Radeon M535DX	749	1352	NA	NA
Radeon Pro	2407	690	5.61	\$429.00
Radeon Pro 450	2722	632	NA	NA
Radeon Pro 455	3112	587	6.93	\$449.00*
Radeon Pro 460	3452	541	NA	NA
Radeon Pro 465	4537	450	NA	NA
Radeon Pro 555	3140	584	2.99	\$1,049.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 560	3475	537	NA	NA
Radeon Pro 560X	3677	513	NA	NA
Radeon Pro 570	6336	329	NA	NA
Radeon Pro 580	7753	279	NA	NA
Radeon Pro 580X	7540	290	NA	NA
Radeon Pro 5300	7143	300	NA	NA
Radeon Pro 5300M	5944	347	NA	NA
Radeon Pro 5500 XT	8375	259	NA	NA
Radeon Pro 5500M	6776	313	NA	NA
Radeon Pro 5600M	9232	235	NA	NA
Radeon Pro 5700	11844	180	NA	NA
Radeon Pro 5700 XT	12613	162	NA	NA
Radeon Pro Duo	8183	264	2.06	\$3,970.36*
Radeon PRO Ryzen 5 PRO 6650U	4066	482	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5714	359	NA	NA
Radeon Pro SSG	10971	196	4.55	\$2,410.15*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Vega 16	4809	433	NA	NA
Radeon Pro Vega 20	5299	391	NA	NA
Radeon Pro Vega 48	11299	193	NA	NA
Radeon Pro Vega 56	12353	170	NA	NA
Radeon Pro Vega 64	12920	155	NA	NA
Radeon Pro Vega 64X	13369	146	NA	NA
Radeon Pro Vega II	15596	103	NA	NA
Radeon Pro Vega II Duo	14018	131	NA	NA
Radeon Pro VII	12838	158	NA	NA
Radeon Pro W5500	9122	239	22.25	\$409.99*
Radeon Pro W5500M	3469	538	NA	NA
Radeon Pro W5500X	7350	295	NA	NA
Radeon Pro W5700	14838	119	22.83	\$649.99*
Radeon PRO W6300	5559	372	NA	NA
Radeon PRO W6400	8081	268	NA	NA
Radeon PRO W6600	15642	102	NA	NA
Radeon PRO W6600M	9521	228	NA	NA
Radeon PRO W6600X	13113	151	NA	NA
Radeon PRO W6800	19814	56	10.71	\$1,849.99*
Radeon PRO W7500	14347	126	NA	NA
Radeon PRO W7600	14240	128	NA	NA
Radeon PRO W7700	19227	64	NA	NA
Radeon PRO W7800	28439	16	NA	NA
Radeon PRO W7900	29204	13	NA	NA
Radeon Pro WX 2100	1841	852	NA	NA
Radeon Pro WX 3100	2565	663	NA	NA
Radeon Pro WX 3200	2414	688	11.56	\$208.83
Radeon Pro WX 4100	3629	521	7.26	\$499.99*
Radeon Pro WX 4130	2168	751	NA	NA
Radeon Pro WX 4150	2641	646	4.33	\$610.04*
Radeon Pro WX 4170	1409	1004	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 5100	5551	374	15.42	\$359.99*

 **Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 8200	13408	144	8.38	\$1,599.39*
Radeon Pro WX 9100	12361	168	NA	NA
Radeon Pro WX Vega M GL	4768	437	NA	NA
Radeon R1E	301	1835	NA	NA
Radeon R2	248	1887	NA	NA
Radeon R2E	208	1932	NA	NA
Radeon R3	306	1832	NA	NA
Radeon R3E	224	1908	NA	NA
Radeon R4	337	1803	0.85	\$396.99*
Radeon R4E	487	1659	NA	NA
Radeon R5 220	147	2005	1.73	\$85.26*
Radeon R5 230	221	1912	2.74	\$81.10*
Radeon R5 235	336	1804	5.59	\$60.13*
Radeon R5 235 + HD 7560D Dual	743	1359	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1367	NA	NA
Radeon R5 235X	277	1858	NA	NA
Radeon R5 240	544	1595	6.41	\$85.00*
Radeon R5 310	331	1808	0.66	\$499.00*
Radeon R5 330	520	1625	1.53	\$339.99*
Radeon R5 340	935	1202	NA	NA
Radeon R5 420	574	1552	14.39	\$39.95*
Radeon R5 430	912	1216	15.47	\$59.00*
Radeon R5 435	850	1261	NA	NA
Radeon R5 A6-7480	707	1397	NA	NA
Radeon R5 A6-8500P	586	1537	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1510	NA	NA
Radeon R5 A6-9500 2C+6G	853	1258	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	928	1207	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1149	NA	NA
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	692	1409	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1492	NA	NA
Radeon R5 A10				NA

 **Video Card** ▼

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

Radeon R5 A10-9630P 4C+6G	977	1173	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	734	1368	NA	NA
Radeon R5 A240	576	1548	NA	NA
Radeon R5 M230	414	1736	NA	NA
Radeon R5 M240	450	1709	NA	NA
Radeon R5 M255	538	1603	NA	NA
Radeon R5 M315	473	1676	NA	NA
Radeon R5 M320	454	1703	NA	NA
Radeon R5 M330	595	1521	NA	NA
Radeon R5 M335	548	1586	NA	NA
Radeon R5 M420	488	1657	NA	NA
Radeon R5 M430	648	1451	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 M435	804	1296	NA	NA
Radeon R5 Opteron X3216	394	1752	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1637	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1665	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1412	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1263	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1168	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1462	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	648	1452	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1110	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	793	1309	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1408	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1739	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1331	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1437	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	553	1582	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1407	NA	NA
Radeon R5 PR				JA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 + R7 M265DX Dual	570	1557	NA	NA
Radeon R6 A8-8600P	474	1673	NA	NA
Radeon R6 A10-8700P	541	1600	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1178	NA	NA
Radeon R6 M255DX	605	1509	NA	NA
Radeon R6 Opteron X3418	955	1184	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1611	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1528	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1604	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	536	1605	NA	NA
Radeon R7 240	897	1231	10.61	\$84.56*
Radeon R7 240 + HD 8570D Dual	917	1213	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1206	NA	NA
Radeon R7 250	1056	1130	10.57	\$99.99*
Radeon R7 250X	2268	728	11.70	\$194.00*
Radeon R7 260	2891	605	32.13	\$89.99*
Radeon R7 260X	3189	577	22.79	\$139.99*
Radeon R7 340	1000	1157	NA	NA
Radeon R7 360	3113	586	21.33	\$145.99*
Radeon R7 370	4508	453	NA	NA
Radeon R7 430	1089	1116	7.23	\$150.58*
Radeon R7 450	1908	827	6.38	\$299.00*
Radeon R7 7850A10-7850K	551	1583	NA	NA
Radeon R7 +8G	1190	1072	NA	NA
Radeon R7 + HD 7700 Dual	1962	806	NA	NA
Radeon R7 + R5 330 Dual	1028	1144	NA	NA
Radeon R7 + R5 340 Dual	1234	1054	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1236	NA	NA
Radeon R7 + R5 Dual	897	1230	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 + R7 200 Dual	1077	1124	NA	NA
Radeon R7 + R7 240 Dual	1045	1135	NA	NA
Radeon R7 + R7 250 Dual	1232	1055	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 A8-7500	875	1241	NA	NA
Radeon R7 A8-7500 4C+6G	853	1259	NA	NA
Radeon R7 A8-7600	784	1314	NA	NA
Radeon R7 A8-7650K	752	1350	NA	NA
Radeon R7 A8-7670K	848	1262	NA	NA
Radeon R7 A8-7680	823	1284	NA	NA
Radeon R7 A8-8650	912	1217	NA	NA
Radeon R7 A8-9600 RADEON	827	1279	NA	NA
Radeon R7 A10 Extreme Edition	816	1291	NA	NA
Radeon R7 A10 PRO-7800B	780	1318	NA	NA
Radeon R7 A10 PRO-7850B	822	1285	NA	NA
Radeon R7 A10-7700K	767	1337	NA	NA
Radeon R7 A10-7800	722	1382	NA	NA
Radeon R7 A10-7850K	961	1183	NA	NA
Radeon R7 A10-7860K	924	1211	NA	NA
Radeon R7 A10-7870K	1111	1102	NA	NA
Radeon R7 A10-7890K	975	1175	NA	NA
Radeon R7 A10-8750	856	1254	NA	NA
Radeon R7 A10-8850	773	1329	NA	NA
Radeon R7 A10-9700 RADEON	920	1212	NA	NA
Radeon R7 A10-9700E RADEON	857	1253	NA	NA
Radeon R7 A12-9700P RADEON	724	1376	1.66	\$435.92*
Radeon R7 A12-9720P RADEON	733	1370	2.01	\$365.48*
Radeon R7 A12-9730P RADEON	1026	1145	NA	NA
Radeon R7 A12-9800 RADEON	1081	1118	NA	NA
Radeon R7 A12-9800E RADEON	913	1215	6.56	\$139.19*
Radeon R7 A265	993	1163	NA	NA
Radeon R7 A360	607	1506	NA	NA
Radeon R7 A365	781	1317	NA	NA
Radeon R7 A370	1281	1038	NA	NA
Radeon R7 FX-8800P	829	1277	NA	NA
Radeon R7 FX-9800P RADEON	706	1399	1.33	\$530.00*
Radeon R7 FX-9830P RADEON	1464	983	NA	NA

 **Video Card** ▼

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

Radeon R7 M260DX	816	1290	NA	NA
Radeon R7 M260X	993	1164	NA	NA
Radeon R7 M265	545	1591	NA	NA
Radeon R7 M265DX	498	1647	NA	NA
Radeon R7 M270	766	1338	NA	NA
Radeon R7 M340	655	1439	NA	NA
Radeon R7 M350	1166	1083	NA	NA
Radeon R7 M360	574	1551	NA	NA
Radeon R7 M365X	785	1312	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M370	1417	1002	NA	NA
Radeon R7 M380	1668	902	NA	NA
Radeon R7 M440	895	1232	NA	NA
Radeon R7 M445	943	1194	1.27	\$744.00*
Radeon R7 M460	1073	1125	NA	NA
Radeon R7 M465	1143	1091	NA	NA
Radeon R7 M465X	1780	872	NA	NA
Radeon R7 Opteron X3421	1168	1081	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1316	NA	NA
Radeon R7 PRO A8-8650B	722	1379	NA	NA
Radeon R7 PRO A8-8670E	1309	1027	NA	NA
Radeon R7 PRO A8-9600	893	1233	NA	NA
Radeon R7 PRO A10-8750B	767	1335	NA	NA
Radeon R7 PRO A10-8770	917	1214	NA	NA
Radeon R7 PRO A10-8770E	825	1281	NA	NA
Radeon R7 PRO A10-8850B	945	1193	NA	NA
Radeon R7 PRO A10-9700	798	1302	NA	NA
Radeon R7 PRO A10-9700B	628	1477	NA	NA
Radeon R7 PRO A10-9700E	941	1196	1.78	\$529.00*
Radeon R7 PRO A12-8800B	597	1518	NA	NA
Radeon R7 PRO A12-8830B	625	1484	NA	NA
Radeon R7 PRO A12-8870	941	1198	NA	NA
Radeon R7 PRO A12-8870E	905	1225	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A12-9800E	954	1185	NA	NA
Radeon R7E	564	1565	NA	NA
Radeon R8 M365DX	647	1453	NA	NA
Radeon R8 M445DX	796	1305	NA	NA
Radeon R8 M535DX	670	1428	NA	NA
Radeon R9 255	1420	1001	4.13	\$344.16*
Radeon R9 260	3181	578	NA	NA
Radeon R9 270	4306	468	NA	NA
Radeon R9 270 / R7 370	4259	469	19.98	\$213.16*
Radeon R9 270X	4869	429	14.91	\$326.50*
Radeon R9 280	5557	373	NA	NA
Radeon R9 280X	6165	336	NA	NA
Radeon R9 285 / 380	5549	375	11.44	\$485.00*
Radeon R9 290	8287	262	NA	NA
Radeon R9 290 / 390	8150	266	21.45	\$380.00*
Radeon R9 290X	8611	251	NA	NA
Radeon R9 290X / 390X	8389	258	26.22	\$319.99*
Radeon R9 295X2	8608	253	17.25	\$499.10*
Radeon R9 350	2002	791	6.70	\$299.00*
Radeon R9 360	3031	592	22.64	\$133.89*
Radeon R9 370	4722	441	29.51	\$159.99*
Radeon R9 380	6124	340	68.06	\$89.99*
Radeon R9 380X	6183	333	17.67	\$349.99*
Radeon R9 390	8909	244	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 390X	9411	230	NA	NA
Radeon R9 Fury	9570	224	21.60	\$443.10*
Radeon R9 Fury + Fury X	9741	220	21.65	\$449.99*
Radeon R9 Fury X	9575	223	NA	NA
Radeon R9 M265X	1138	1094	NA	NA
Radeon R9 M270X	1204	1067	NA	NA
Radeon R9 M275	1114	1101	1.59	\$699.99*
Radeon R9 M275X	1615	925	NA	NA



Video Card ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M290X	3256	564	NA	NA
Radeon R9 M295X	5150	409	3.55	\$1,449.00*
Radeon R9 M360	1812	865	NA	NA
Radeon R9 M365X	1481	979	NA	NA
Radeon R9 M370X	1557	947	1.75	\$889.00*
Radeon R9 M375	969	1179	NA	NA
Radeon R9 M375X	1807	866	NA	NA
Radeon R9 M380	2773	623	NA	NA
Radeon R9 M385	2060	774	NA	NA
Radeon R9 M385X	1993	794	NA	NA
Radeon R9 M390X	3597	523	NA	NA
Radeon R9 M395	4911	425	NA	NA
Radeon R9 M395X	5194	406	NA	NA
Radeon R9 M470	2330	711	NA	NA
Radeon R9 M470X	3244	568	NA	NA
Radeon R9 M485X	3660	515	NA	NA
Radeon RX590 GME	8597	254	NA	NA
Radeon RX 460	4105	481	24.61	\$166.81*
Radeon RX 470/570	7995	272	20.56	\$388.99*
Radeon RX 480	8610	252	25.33	\$339.99*
Radeon RX 540	1896	835	NA	NA
Radeon RX 550	2728	630	14.95	\$182.52
Radeon RX 550X	2274	725	NA	NA
Radeon RX 560	3650	518	19.19	\$190.22
Radeon RX 560X	3332	557	NA	NA
Radeon RX 570X	1923	822	12.57	\$153.01*
Radeon RX 580	8852	246	49.18	\$179.99*
Radeon RX 580 2048SP	7681	283	NA	NA
Radeon RX 580X	6458	326	NA	NA
Radeon RX 590	9392	231	17.08	\$549.99*
Radeon RX 640	2040	782	NA	NA
Radeon RX 5300	7587	287	NA	NA
Radeon RX 5300M	4494	455	NA	NA

 **Video Card** ▼

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

Radeon RX 5500M	5555	371	NA	NA
Radeon RX 5600	11489	189	NA	NA
Radeon RX 5600 OEM	12137	176	NA	NA
Radeon RX 5600 XT	13600	141	24.95	\$545.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5600M	8795	247	NA	NA
Radeon RX 5700	14403	125	46.46	\$309.99*
Radeon RX 5700 XT	16539	91	33.87	\$488.33*
Radeon RX 5700 XT 50th Anniversary	16549	90	NA	NA
Radeon RX 6300	5641	364	NA	NA
Radeon RX 6300M	6422	327	NA	NA
Radeon RX 6400	7624	285	47.95	\$159.00
Radeon RX 6500	7723	281	NA	NA
Radeon RX 6500 XT	9568	225	56.62	\$169.00
Radeon RX 6500M	7761	278	NA	NA
Radeon RX 6550M	9605	222	NA	NA
Radeon RX 6600	15145	113	75.73	\$199.99
Radeon RX 6600 LE	17540	78	NA	NA
Radeon RX 6600 XT	16519	92	33.04	\$499.99
Radeon RX 6600M	13819	134	69.10	\$199.99*
Radeon RX 6600S	12444	167	NA	NA
Radeon RX 6650 XT	17210	83	81.96	\$209.99
Radeon RX 6650M	15061	116	NA	NA
Radeon RX 6650M XT	17070	84	NA	NA
Radeon RX 6700	19307	62	NA	NA
Radeon RX 6700 XT	19867	53	25.24	\$787.16
Radeon RX 6700M	13548	142	50.18	\$269.99*
Radeon RX 6700S	14974	118	49.92	\$299.99
Radeon RX 6750 GRE 10GB	19031	67	NA	NA
Radeon RX 6750 GRE 12GB	19499	60	NA	NA
Radeon RX 6750 XT	20812	48	62.13	\$334.99
Radeon RX 6800	22184	42	56.31	\$393.99
Radeon RX 6800 XT	25030	29	36.69	\$682.17

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

Radeon RX 6850M	12274	173	NA	NA
Radeon RX 6850M XT	17511	79	NA	NA
Radeon RX 6900 XT	26777	22	17.74	\$1,509.67
Radeon RX 6950 XT	28124	17	28.12	\$999.99*
Radeon RX 7600	16584	89	65.81	\$251.99
Radeon RX 7600 XT	17214	82	54.65	\$314.99
Radeon RX 7600M XT	13376	145	NA	NA
Radeon RX 7600S	14772	121	NA	NA
Radeon RX 7700 XT	22450	40	56.13	\$399.99
Radeon RX 7700S	15143	114	NA	NA
Radeon RX 7800 XT	24340	31	49.68	\$489.99
Radeon RX 7900 GRE	26729	23	49.50	\$539.99*
Radeon RX 7900 XT	28967	14	42.60	\$679.99
Radeon RX 7900 XTX	31062	8	35.70	\$869.99
Radeon RX 7900M	22956	34	NA	NA
Radeon RX Vega11	1605	930	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1711	891	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	1005	NA	NA
Radeon RX Vega 6 Ryzen 3 3200U	906	1224	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 8	1493	975	NA	NA
Radeon RX Vega 10	1633	917	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1506	971	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1854	847	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1495	974	NA	NA
Radeon RX Vega 11	2111	762	2.11	\$1,002.00*
Radeon RX Vega 11 PRD	2401	693	NA	NA
Radeon RX Vega 11 Processor	1846	850	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1956	810	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2185	746	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	1866	843	NA	NA
Radeon RX Vega 56	13201	150	17.53	\$752.99*
Radeon RX Vega 64	14277	127	19.04	\$749.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega M GL	3808	500	NA	NA
Radeon RX Vega Ryzen 3 5300U	2329	712	NA	NA
Radeon Ryzen 3 3250U	776	1323	NA	NA
Radeon Ryzen 3 5300U	1609	928	NA	NA
Radeon Ryzen 3 5425U	1550	953	NA	NA
Radeon Ryzen 3 7330U	1695	895	NA	NA
Radeon Ryzen 3 7335U	2150	754	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	995	NA	NA
Radeon Ryzen 3 PRO 5450U	1777	873	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	957	NA	NA
Radeon Ryzen 3 PRO 7330U	1854	848	NA	NA
Radeon Ryzen 3 PRO 7335U	2034	784	NA	NA
Radeon Ryzen 5 3450U	1138	1093	NA	NA
Radeon Ryzen 5 3550H	1950	814	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1896	834	NA	NA
Radeon Ryzen 5 5500GT	2645	645	NA	NA
Radeon Ryzen 5 5500U	2086	768	NA	NA
Radeon Ryzen 5 5560U	2044	779	NA	NA
Radeon Ryzen 5 5600GE	2585	658	NA	NA
Radeon Ryzen 5 5600GT	2552	665	NA	NA
Radeon Ryzen 5 5600H	2402	692	NA	NA
Radeon Ryzen 5 5600U	2112	761	NA	NA
Radeon Ryzen 5 5625U	2149	755	NA	NA
Radeon Ryzen 5 6600H	3652	517	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3755	505	NA	NA
Radeon Ryzen 5 6600U	3381	547	NA	NA
Radeon Ryzen 5 7430U	2170	750	NA	NA
Radeon Ryzen 5 7530U	2230	739	NA	NA
Radeon Ryzen 5 7535HS	3301	561	NA	NA
Radeon Ryzen 5 7535U	3251	565	NA	NA
Radeon Ryzen 5 7600 6-Core	1827	860	NA	NA
Radeon Ryzen 5 7600X3D 6-Core	1934	817	NA	NA
Radeon Ryzen 5 7600X 6-Core	1732	885	NA	NA

 **Video Card** ▼

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

Radeon Ryzen 5 PRO 4655G	2310	697	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	701	NA	NA
Radeon Ryzen 5 PRO 5650G	2288	720	NA	NA
Radeon Ryzen 5 PRO 5650GE	2382	696	NA	NA
Radeon Ryzen 5 PRO 5655GE	1462	984	NA	NA
Radeon Ryzen 5 PRO 5675U	1925	821	NA	NA
Radeon Ryzen 5 PRO 6650U	3689	512	NA	NA
Radeon Ryzen 5 Pro 7535U	3227	573	NA	NA
Radeon Ryzen 5 PRO 7645 6-Core	1552	951	NA	NA
Radeon Ryzen 7 3700U	1381	1010	NA	NA
Radeon Ryzen 7 4700G	2611	649	NA	NA
Radeon Ryzen 7 4700GE	2610	650	NA	NA
Radeon Ryzen 7 4700U	2040	781	NA	NA
Radeon Ryzen 7 4800H	3458	539	NA	NA
Radeon Ryzen 7 4800HS	3554	528	NA	NA
Radeon Ryzen 7 4800U	2315	714	NA	NA
Radeon Ryzen 7 5700U	2304	718	NA	NA
Radeon Ryzen 7 5800H	2824	614	NA	NA
Radeon Ryzen 7 5800HS	2503	675	NA	NA
Radeon Ryzen 7 5800U	2409	689	NA	NA
Radeon Ryzen 7 5825U	2389	695	NA	NA
Radeon Ryzen 7 6800H	5392	382	NA	NA
Radeon Ryzen 7 6800HS	6125	339	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5432	380	NA	NA
Radeon Ryzen 7 6800U	4576	448	NA	NA
Radeon Ryzen 7 6810U	5937	348	NA	NA
Radeon Ryzen 7 7700 8-Core	1697	893	NA	NA
Radeon Ryzen 7 7700X 8-Core	2088	767	NA	NA
Radeon Ryzen 7 7730U	2461	681	NA	NA
Radeon Ryzen 7 7735H	5238	400	NA	NA
Radeon Ryzen 7 7735HS	5252	395	NA	NA
Radeon Ryzen 7 7735U	5135	411	NA	NA
Radeon Ryzen 7 7736U	5928	349	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 PRO 4750G	2589	657	NA	NA
Radeon Ryzen 7 PRO 4750GE	2367	698	NA	NA
Radeon Ryzen 7 PRO 4750U	2048	777	NA	NA
Radeon Ryzen 7 PRO 5875U	1989	798	NA	NA
Radeon Ryzen 7 PRO 6850H	5683	361	NA	NA
Radeon Ryzen 7 PRO 6850HS	5043	419	NA	NA
Radeon Ryzen 7 PRO 6850U	5139	410	NA	NA
Radeon Ryzen 7 PRO 6860Z	4594	447	NA	NA
Radeon Ryzen 7 PRO 7730U	2354	705	NA	NA
Radeon Ryzen 7 Pro 7735U	4159	475	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1581	942	NA	NA
Radeon Ryzen 9 4900H	2667	642	NA	NA
Radeon Ryzen 9 5900H	2960	599	NA	NA
Radeon Ryzen 9 6900HS	7183	299	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 7900 12-Core	2187	744	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1767	876	NA	NA
Radeon Ryzen 9 7900X 12-Core	2484	678	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1671	899	NA	NA
Radeon Ryzen 9 7950X 16-Core	3819	498	NA	NA
Radeon Ryzen 9 PRO 6950H	5971	345	NA	NA
Radeon Ryzen 9 PRO 6950HS	4250	470	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1725	886	NA	NA
Radeon Ryzen Embedded R2514	1444	986	NA	NA
Radeon Ryzen Embedded R2544	1864	844	NA	NA
Radeon Ryzen Embedded V2516	1527	962	NA	NA
Radeon Ryzen Embedded V2718	1998	792	NA	NA
Radeon Ryzen Embedded V2748	1842	851	NA	NA
Radeon Sky 500	4709	443	NA	NA
Radeon TM	5784	355	NA	NA
Radeon TM R9 A360	2060	775	NA	NA
Radeon VE	2	2593	NA	NA
Radeon Vega 2	506	1640	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 3 302UE	557	1574	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1137	NA	NA
Radeon Vega 3 Athlon 300U	861	1251	NA	NA
Radeon Vega 3 Athlon 320GE	677	1424	NA	NA
Radeon Vega 3 Athlon 3000G	985	1166	NA	NA
Radeon Vega 3 Athlon Gold 3150G	1172	1080	NA	NA
Radeon Vega 3 Athlon Gold 3150U	602	1514	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1203	NA	NA
Radeon Vega 3 Athlon Silver 3050e	500	1646	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1255	NA	NA
Radeon Vega 3 Mobile	1034	1141	NA	NA
Radeon Vega 3 Ryzen 3 3200U	855	1256	NA	NA
Radeon Vega 3 Ryzen 3 3250U	785	1313	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	579	1543	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	734	1369	NA	NA
Radeon Vega 6	1307	1029	0.73	\$1,799.99*
Radeon Vega 6 Ryzen 3 3300U	1295	1034	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1537	959	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1348	1019	NA	NA
Radeon Vega 8	1582	940	12.48	\$126.86*
Radeon Vega 8 Mobile	1420	1000	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1935	815	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1836	856	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1550	952	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1253	1046	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1386	1007	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1680	898	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1496	973	NA	NA
Radeon Vega 9	1590	936	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 9 Ryzen 5 3550H	1561	946	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1510	968	NA	NA
Radeon Vega 10	1555	948	NA	NA



Video Card ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 11	1839	853	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2352	706	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1974	802	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1904	829	NA	NA
Radeon Vega Frontier Edition	13039	153	7.76	\$1,679.99*
Radeon VII	16647	88	8.76	\$1,899.95*
RADEON X300SE	38	2341	NA	NA
RADEON X550	50	2287	NA	NA
RADEON X550XT	56	2275	NA	NA
Radeon X550XTX	70	2226	NA	NA
RADEON X600 256MB HyperMemory	56	2274	NA	NA
RADEON X600 PRO	67	2242	0.42	\$160.49*
RADEON X600 SE	49	2295	0.87	\$56.18*
RADEON X600XT	91	2170	NA	NA
RADEON X700	72	2220	NA	NA
RADEON X700 PRO	75	2210	NA	NA
RADEON X700 SE	71	2224	NA	NA
RADEON X800 GT	84	2186	NA	NA
RADEON X800 GTO	114	2100	NA	NA
RADEON X800 PRO	64	2249	NA	NA
RADEON X800 PRO/GTO	73	2217	NA	NA
RADEON X800 SE	129	2052	NA	NA
RADEON X800 XL	69	2233	NA	NA
RADEON X800 XT	97	2153	NA	NA
RADEON X800 XT Platinum Edition	81	2199	NA	NA
RADEON X800GT	79	2204	NA	NA
RADEON X850 PRO	72	2219	NA	NA
RADEON X850 XT	81	2201	NA	NA
RADEON X850 XT Platinum Edition	81	2193	NA	NA
Radeon X1050	49	2294	NA	NA
Radeon X1200	32	2374	NA	NA
Radeon X1250	37	2346	NA	NA
Radeon X1270	31	2379	NA	NA

 **Video Card** ▼

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

Radeon X1550	66	2246	0.43	\$155.00*
Radeon X1550 64-bit	47	2299	NA	NA
Radeon X1600	49	2292	NA	NA
Radeon X1600 Pro	98	2146	NA	NA
Radeon X1600 Pro / X1300XT	69	2234	NA	NA
Radeon X1600 XT	115	2096	NA	NA
Radeon X1650 GTO	74	2212	NA	NA
Radeon X1650 Pro	84	2181	0.53	\$160.89*
Radeon X1650 SE	71	2225	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1700 Targa Edition	116	2091	NA	NA
Radeon X1800 GTO	140	2022	NA	NA
Radeon X1900 CrossFire Edition	137	2036	NA	NA
Radeon X1900 GT	145	2011	NA	NA
Radeon X1950 CrossFire Edition	151	1997	NA	NA
Radeon X1950 GT	106	2124	NA	NA
Radeon X1950 Pro	112	2105	NA	NA
RADEON XPRESS 200	29	2385	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2426	NA	NA
RADEON XPRESS 200M	22	2416	NA	NA
Radeon Xpress 1100	34	2363	NA	NA
Radeon Xpress 1150	29	2384	NA	NA
Radeon Xpress 1200	35	2354	NA	NA
Radeon Xpress 1250	42	2318	NA	NA
Radeon Xpress 1270	26	2395	NA	NA
Radeon Xpress 1300	52	2279	NA	NA
Radeon Xpress 1300M	40	2329	NA	NA
RadeonT 610M	1101	1106	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	484	NA	NA
RadeonT 680M Ryzen 7 7735HS	5650	363	NA	NA
RadeonT 780M	7102	301	NA	NA
RadeonT RX 6850M XT	13847	133	NA	NA
RadeonT RX Vega 11	1621	920	NA	NA

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

Rage Fury Pro/Xpert 2000 Pro	3	2565	NA	NA
RDPDD Chained DD	239	1894	NA	NA
Red Hat QXL controller	31	2377	NA	NA
RGH Drivers v3	11	2445	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2542	NA	NA
RIVA TNT2/TNT2 Pro	3	2554	NA	NA
RTX 500 Ada Generation Laptop GPU	10964	197	NA	NA
RTX 1000 Ada Generation Laptop GPU	14033	130	NA	NA
RTX 2000 Ada Generation	17875	76	NA	NA
RTX 2000 Ada Generation Laptop GPU	15273	112	NA	NA
RTX 3000 Ada Generation Laptop GPU	16011	99	NA	NA
RTX 3500 Ada Generation Embedded GPU	25188	27	NA	NA
RTX 3500 Ada Generation Laptop GPU	19141	65	NA	NA
RTX 4000 Ada Generation	24572	30	NA	NA
RTX 4000 Ada Generation Laptop GPU	22741	38	NA	NA
RTX 4000 SFF Ada Generation	20796	49	NA	NA
RTX 4500 Ada Generation	29851	10	NA	NA
RTX 5000 Ada Generation	29288	12	NA	NA
RTX 5000 Ada Generation Embedded GPU	27774	19	NA	NA
RTX 5000 Ada Generation Laptop GPU	24158	32	NA	NA
RTX 5880 Ada Generation	34568	4	NA	NA
RTX 6000 Ada Generation	28801	15	NA	NA
RTX A400	4346	465	NA	NA
RTX A500 Embedded GPU	1959	808	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A500 Laptop GPU	6766	314	NA	NA
RTX A1000	10805	200	NA	NA
RTX A1000 6GB Laptop GPU	10077	213	NA	NA
RTX A1000 Embedded GPU	11368	191	NA	NA
RTX A1000 Laptop GPU	9553	226	NA	NA
RTX A2000	13695	137	31.53	\$434.33*
RTX A2000 8GB Laptop GPU	10906	199	NA	NA
RTX A2000 12GB	13694	138	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A3000 Laptop GPU	12479	165	NA	NA
RTX A4000	19459	61	25.95	\$749.99*
RTX A4000 Laptop GPU	15394	107	NA	NA
RTX A4500	21602	47	14.71	\$1,469.00
RTX A4500 Embedded GPU	10916	198	NA	NA
RTX A4500 Laptop GPU	17424	80	NA	NA
RTX A5000	22846	36	10.25	\$2,229.99*
RTX A5000 Laptop GPU	16141	98	NA	NA
RTX A5500	21966	45	10.12	\$2,169.99*
RTX A5500 Laptop GPU	17372	81	NA	NA
RTX A6000	22576	39	5.49	\$4,109.99*
RV530 PRO	118	2083	NA	NA
Ryzen 3 4300G with Radeon Graphics	2038	783	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2259	734	NA	NA
Ryzen 3 4300U with Radeon Graphics	1360	1016	NA	NA
Ryzen 3 5300G with Radeon Graphics	1956	811	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1917	825	NA	NA
Ryzen 3 5300U with Radeon Graphics	1527	961	NA	NA
Ryzen 3 5400U with Radeon Graphics	1593	934	NA	NA
Ryzen 3 5425U with Radeon Graphics	1667	903	NA	NA
Ryzen 3 7330U with Radeon Graphics	1649	910	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	881	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	955	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2115	759	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1896	833	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1542	956	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2325	713	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1800	867	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	932	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	994	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	800	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	972	NA	NA
Ryzen 5 4500U with Radeon Graphics	1817	862	NA	NA

 **Video Card** ▼

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

Ryzen 5 4600HS with Radeon Graphics	8370	260	NA	NA
Ryzen 5 4600U with Radeon Graphics	1898	832	NA	NA
Ryzen 5 5500U with Radeon Graphics	1991	795	NA	NA
Ryzen 5 5560U with Radeon Graphics	2073	771	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 5600G with Radeon Graphics	2583	660	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	654	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2006	789	NA	NA
Ryzen 5 5600H with Radeon Graphics	2336	710	NA	NA
Ryzen 5 5600U with Radeon Graphics	2178	748	NA	NA
Ryzen 5 5625U with Radeon Graphics	1989	797	NA	NA
Ryzen 5 6600H with Radeon Graphics	3525	530	NA	NA
Ryzen 5 6600HS Creator Edition	3671	514	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	571	NA	NA
Ryzen 5 7530U with Radeon Graphics	2269	727	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	529	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	717	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	987	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	788	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2398	694	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2135	758	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1749	880	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	676	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	684	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2043	780	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	888	NA	NA
Ryzen 5 PRO 6650U	3519	531	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3515	533	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1933	818	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	923	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	745	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	677	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	785	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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Ryzen 7 5700G with Radeon Graphics	2794	618	NA	NA
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