



# Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked



## Video Card List

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

**VIDEO CARD**

- High End
- High Mid Range
- Low Mid Range
- Low End
- Best Value
- Common Market Share
- Compare 0
- Video Card Mega List   
 [Search Model](#)
- GPU Compute Video Card Chart
- Power Performance Video Card Chart
- 2D Graphics Video Card List

### Single Video Card

[Find Videocard](#)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
256MB DDR Radeon 9800 XT	37	2255	NA	NA
7900 MOD - Radeon HD 6520G	610	1418	NA	NA
7900 MOD - Radeon HD 6550D	892	1153	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1825	NA	NA
A10-8Q	7041	281	NA	NA
A16	5597	335	NA	NA
ABIT Siluro T400	3	2451	NA	NA
ALL-IN-WONDER 9000	4	2418	NA	NA
ALL-IN-WONDER 9800	23	2324	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2403	NA	NA
ALL-IN-WONDER X800 GT	84	2095	NA	NA
All-in-Wonder X1800XL	30	2295	NA	NA
All-in-Wonder X1900	127	1965	NA	NA
AMD Ryzen Z1 Extreme	6566	300	NA	NA
AMIGAMERLIN 3.1-R1 For voodoo 4 4500 PCI	3	2476	NA	NA
ASUS A7000	9	2394	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2437	NA	NA
ASUS EAH4870x2	496	1565	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1303	NA	NA
ASUS V9520-X V62.11	7	2375	NA	NA
BBDKMDAP	4557	416	NA	NA
Barco MXRT 1450	205	1848	NA	NA
Barco MXRT 2600	900	1147	4.52	\$199.00*
Barco MXRT 5400	1161	1007	5.72	\$203.00*
Barco MXRT 5450	1079	1041	5.40	\$199.99*
Barco MXRT 5500	2701	587	9.04	\$299.00*
Barco MXRT 5600	2465	625	3.50	\$704.00*
Barco MXRT 7100	180	1873	NA	NA
Barco MXRT 7400	900	1146	9.10	\$99.00*
Barco MXRT 7500	3753	473	12.55	\$299.00*
Barco MXRT 7600	4943	393	8.20	\$602.59*
BASICDISPLAY	69	2142	NA	NA
Citrix Indirect Display Adapter	4446	426	NA	NA
CONNECT 3D RADEON X300	36	2261	NA	NA
Custom GPU 0405	2803	572	NA	NA
Dell 8100	2	2502	0.00	\$999.11*
Dell 8200	4	2439	NA	NA
Diamond X1300-PCIE 256MB	70	2140	NA	NA
EAH5450	134	1951	1.22	\$109.99*
EIZO Quadro MED-XN51LP	5048	384	NA	NA
Embedded Radeon E9173	1806	801	NA	NA
Eng Sample: 100-000000261-50_Y	2859	559	NA	NA
Extreme AX850 PRO	120	1986	NA	NA
FireGL T2-128	30	2292	NA	NA
FireGL V3100	52	2190	NA	NA
FireGL V3200	84	2092	NA	NA
FireGL V3300	70	2137	NA	NA
FireGL V3350	68	2148	NA	NA
FireGL V3400	103	2044	NA	NA
FireGL V3600	179	1874	1.12	\$160.99*
FireGL V5100	92	2075	0.81	\$114.96*
FireGL V5200	114	2008	0.86	\$133.40*

FireGL V5600	341	1711	1.52	\$225.00*
FireGL V7100	71	2131	0.22	\$328.67*
FireGL V7200	116	1999	NA	NA
FireGL V7300	128	1962	0.11	\$1,189.99*
FireGL V7350	110	2023	0.93	\$119.42*
FireGL V7600	615	1414	NA	NA
FireGL V7700	660	1357	9.43	\$69.99*
FireGL V8600	838	1186	NA	NA
FireGL V8650	550	1501	1.84	\$298.99*
FireGL X1	59	2175	NA	NA
FireMV 2200 PCI	1	2518	NA	NA
FireMV 2200 PCIe	36	2263	0.40	\$89.99*
FireMV 2250	45	2219	0.44	\$104.00*
FireMV 2260	117	1995	1.33	\$88.08*
FireMV 2400 PCIe	11	2357	NA	NA
FireMV 2450	73	2125	NA	NA
FirePro 3D V3700	178	1877	2.10	\$84.99*
FirePro 3D V3750	341	1709	6.71	\$50.88*
FirePro 3D V3800	472	1593	3.15	\$149.99*
FirePro 3D V4800	853	1172	5.33	\$159.99*
FirePro 3D V5700	546	1505	1.71	\$319.99*
FirePro 3D V5800	1231	977	6.04	\$204.00*
FirePro 3D V7750	545	1509	1.56	\$350.00*
FirePro 3D V7800	1867	778	3.11	\$599.99*
FirePro 3D V8700	1206	986	7.09	\$170.07*
FirePro 3D V8750	1271	961	1.03	\$1,230.99*
FirePro 3D V8800	2437	629	5.74	\$424.99*
FirePro 3D V9800	2811	568	1.13	\$2,499.00*
FirePro 2260	112	2013	NA	NA
FirePro 2270	142	1925	1.06	\$134.00*
FirePro 2450	51	2199	0.57	\$89.99*
FirePro 2460	170	1887	2.03	\$83.99*
FirePro M2000	424	1641	NA	NA
FirePro M4000	1612	856	22.14	\$72.83*
FirePro M4000 Mobility Pro	1628	847	NA	NA
FirePro M4100	1059	1051	NA	NA
FirePro M4150	928	1126	NA	NA
FirePro M4170	1119	1019	NA	NA
FirePro M5100	2102	711	NA	NA
FirePro M5100 FireGL V	1839	789	NA	NA
FirePro M5950	1314	948	NA	NA
FirePro M6000	1820	796	5.58	\$325.99*
FirePro M6000 Mobility Pro	1712	826	NA	NA
FirePro M6100	2122	704	NA	NA
FirePro M6100 FireGL V	2847	561	NA	NA
FirePro M7740	665	1353	NA	NA
FirePro M40003	1364	934	NA	NA
<b>Videocard Name</b>	<b>Passmark G3D Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>Videocard Value (higher is better)</b>	<b>Price (USD)</b>
FirePro R5000	2646	594	24.06	\$109.99*
FirePro RG220	335	1717	0.52	\$650.18*
FirePro S7000	4523	418	18.35	\$246.54*
FirePro S7150	2726	580	1.61	\$1,697.99*
FirePro S9000	5059	382	NA	NA
FirePro S9050	4901	395	NA	NA
FirePro S10000	4768	404	NA	NA
FirePro V3800	320	1733	2.57	\$124.99*
FirePro V3900	649	1370	2.72	\$238.44*
FirePro V4900	987	1087	6.59	\$149.99*
FirePro V5700	464	1602	2.47	\$188.06*
FirePro V5800	1175	1002	22.18	\$53.00*
FirePro V5900	1269	962	14.77	\$86.00*
FirePro V7000	3161	534	NA	NA
FirePro V7800	2028	730	10.68	\$190.00*
FirePro V7900	2304	665	12.13	\$190.00*
FirePro V8700	1538	882	9.75	\$157.88*
FirePro V8800	2280	671	11.52	\$198.00*
FirePro V9800	2726	581	5.75	\$474.00*
FirePro W600	1661	836	4.00	\$414.99*

FirePro W2100	886	1157	15.02	\$59.00*
FirePro W4100	1524	887	8.28	\$184.00*
FirePro W4170M	1054	1052	NA	NA
FirePro W4190M	1183	997	NA	NA
FirePro W4300	2834	566	11.81	\$239.99*
FirePro W5000	2973	550	16.16	\$184.00*
FirePro W5100	2987	548	23.71	\$125.99*
FirePro W5130M	1409	924	NA	NA
FirePro W5170M	1744	814	NA	NA
FirePro W5150M	2358	648	NA	NA
FirePro W7000	4270	439	15.36	\$278.05*
FirePro W7000 Adapter	4359	431	NA	NA
FirePro W7100	5303	360	13.62	\$389.30*
FirePro W7170M	3161	535	NA	NA
FirePro W8000	4095	447	7.15	\$573.00*
FirePro W8100	7279	275	10.34	\$704.00*
FirePro W9000	6138	317	7.26	\$845.00*
FirePro W9100	7956	250	4.60	\$1,729.99*
FireStream 9170	647	1372	NA	NA
FireStream 9250	1164	1005	NA	NA
FireStream 9270	1341	942	NA	NA
FireStream 9370	2528	616	NA	NA
GeCube RADEON 7000	8	2366	NA	NA
GeForce2 Go	4	2443	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2448	NA	NA
GeForce2 Integrated GPU	4	2438	NA	NA
GeForce2 MX	2	2488	NA	NA
GeForce2 MX 100/200	3	2472	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2422	NA	NA
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	2496	NA	NA
GeForce2 MX/MX 400	3	2450	NA	NA
GeForce2 Ti	4	2430	NA	NA
GeForce2 Ultra	6	2388	NA	NA
GeForce3	4	2419	NA	NA
GeForce3 Ti 200	4	2445	NA	NA
GeForce3 Ti 500	2	2498	NA	NA
GeForce4 420 Go	3	2469	NA	NA
GeForce4 420 Go 32M	5	2408	NA	NA
GeForce4 440	4	2416	NA	NA
GeForce4 440 Go	3	2456	NA	NA
GeForce4 440 Go 64M	5	2394	NA	NA
GeForce4 448 Go	5	2405	NA	NA
GeForce4 4200 Go	3	2449	NA	NA
GeForce4 MX 420	4	2423	NA	NA
GeForce4 MX 440	4	2433	NA	NA
GeForce4 MX 440 with AGP8X	4	2420	NA	NA
GeForce4 MX 440SE	4	2432	NA	NA
GeForce4 MX 460	4	2442	NA	NA
GeForce4 MX 4000	4	2436	NA	NA
GeForce4 MX Integrated GPU	6	2386	NA	NA
GeForce4 Ti 4200	5	2404	NA	NA
GeForce4 Ti 4400	7	2379	NA	NA
GeForce4 Ti 4600	5	2406	0.10	\$53.99*
GeForce4 Ti 4800	5	2396	NA	NA
GeForce4 Ti 4800 SE	6	2382	NA	NA
GeForce400M	105	2034	NA	NA
GeForce 205	126	1968	NA	NA
GeForce 210	109	2028	2.02	\$54.15*
GeForce 240M GT	319	1735	NA	NA
GeForce 256	5	2414	0.12	\$42.04*
GeForce 305M	150	1910	NA	NA
GeForce 310	119	1987	1.10	\$108.35*
GeForce 310M	110	2022	NA	NA
GeForce 315	158	1898	4.80	\$32.99*
GeForce 315M	115	2003	NA	NA
GeForce 320M	209	1841	NA	NA
GeForce 405	120	1985	4.89	\$24.64*

GeForce 410M	257	1790	NA	NA
GeForce 505	118	1992	1.03	\$115.06*
GeForce 510	259	1787	3.71	\$69.99*
GeForce 605	317	1737	2.32	\$136.83*
GeForce 610M	291	1756	NA	NA
GeForce 615	545	1507	NA	NA
GeForce 705M	455	1617	NA	NA
GeForce 710A	475	1587	NA	NA
GeForce 710M	463	1605	NA	NA
GeForce 720A	614	1415	NA	NA
GeForce 730A	771	1246	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 770M	3245	521	18.34	\$176.99*
GeForce 800A	476	1585	NA	NA
GeForce 800M	457	1614	NA	NA
GeForce 810A	622	1404	NA	NA
GeForce 810M	408	1653	NA	NA
GeForce 820A	555	1492	NA	NA
GeForce 820M	501	1559	NA	NA
GeForce 825M	783	1234	NA	NA
GeForce 830A	1138	1012	NA	NA
GeForce 830M	1009	1076	NA	NA
GeForce 840A	1179	999	NA	NA
GeForce 840M	1085	1038	NA	NA
GeForce 845M	1506	893	NA	NA
GeForce 910M	601	1432	NA	NA
GeForce 920A	846	1183	NA	NA
GeForce 920M	723	1298	NA	NA
GeForce 920MX	1078	1043	NA	NA
GeForce 930A	1267	963	NA	NA
GeForce 930M	1012	1074	NA	NA
GeForce 930MX	1293	957	NA	NA
GeForce 940A	1106	1027	NA	NA
GeForce 940M	1123	1017	NA	NA
GeForce 940MX	1513	890	NA	NA
GeForce 945A	1852	785	NA	NA
GeForce 945M	2107	708	NA	NA
GeForce 999 GTX	83	2099	NA	NA
GeForce 6100	27	2303	NA	NA
GeForce 6100 nForce 400	25	2313	NA	NA
GeForce 6100 nForce 405	26	2305	NA	NA
GeForce 6100 nForce 420	25	2312	NA	NA
GeForce 6100 nForce 430	23	2326	NA	NA
GeForce 6150	21	2329	0.07	\$329.00*
GeForce 6150 LE	33	2279	NA	NA
GeForce 6150SE	24	2317	NA	NA
GeForce 6150SE nForce 430	30	2293	NA	NA
GeForce 6200	37	2257	0.37	\$99.99*
GeForce 6200 A-LE	32	2287	NA	NA
GeForce 6200 LE	29	2299	0.70	\$41.24*
GeForce 6200 TurboCache	53	2189	NA	NA
GeForce 6200A	3	2459	0.07	\$54.99*
GeForce 6200SE TurboCache	37	2259	NA	NA
GeForce 6500	38	2251	NA	NA
GeForce 6600	86	2089	0.33	\$264.00*
GeForce 6600 GT	137	1941	2.11	\$64.95*
GeForce 6600 LE	51	2197	NA	NA
GeForce 6610 XL	88	2086	NA	NA
GeForce 6700 XL	95	2066	NA	NA
GeForce 6800	112	2014	0.20	\$559.29*
GeForce 6800 GS	191	1863	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800 GS/XT	102	2047	NA	NA
GeForce 6800 GT	142	1926	NA	NA
GeForce 6800 LE	109	2026	NA	NA
GeForce 6800 Ultra	138	1936	NA	NA
GeForce 6800 XE	58	2176	NA	NA
GeForce 6800 XT	123	1975	NA	NA

GeForce 7000M	13	2350	NA	NA
GeForce 7000M / nForce 610M	12	2351	NA	NA
GeForce 7025 / nForce 630a	32	2284	NA	NA
GeForce 7050 / nForce 610i	25	2314	NA	NA
GeForce 7050 / nForce 620i	41	2235	NA	NA
GeForce 7050 / nForce 630i	37	2254	NA	NA
GeForce 7050 PV / nForce 630a	31	2290	NA	NA
GeForce 7100 / nForce 620i	26	2308	NA	NA
GeForce 7100 / nForce 630i	41	2236	NA	NA
GeForce 7100 GS	51	2198	NA	NA
GeForce 7150 / nForce 630i	33	2282	NA	NA
GeForce 7150M / nForce 630M	18	2337	NA	NA
GeForce 7200 GS	23	2325	NA	NA
GeForce 7300 GS	78	2118	NA	NA
GeForce 7300 GT	136	1944	0.91	\$149.99*
GeForce 7300 LE	80	2114	2.50	\$32.00*
GeForce 7300 SE	39	2249	NA	NA
GeForce 7300 SE/7200 GS	47	2212	NA	NA
GeForce 7350 LE	74	2124	NA	NA
GeForce 7500 LE	89	2085	NA	NA
GeForce 7600 GS	157	1899	0.90	\$175.00*
GeForce 7600 GT	217	1829	1.09	\$199.00*
GeForce 7650 GS	134	1952	NA	NA
GeForce 7800 GS	177	1878	NA	NA
GeForce 7800 GT	244	1803	3.05	\$80.00*
GeForce 7800 GTX	290	1757	4.06	\$71.60*
GeForce 7900 GS	253	1795	NA	NA
GeForce 7900 GT	258	1789	1.30	\$199.00*
GeForce 7900 GT/GTO	247	1801	NA	NA
GeForce 7900 GTX	387	1672	NA	NA
GeForce 7950 GT	344	1708	1.69	\$203.99*
GeForce 7950 GX2	201	1851	3.67	\$54.99*
GeForce 7950 Xtreme	287	1760	NA	NA
GeForce 8100 / nForce 720a	79	2117	NA	NA
GeForce 8200	155	1901	NA	NA
GeForce 8200M G	58	2179	NA	NA
GeForce 8300	101	2052	4.48	\$22.68*
GeForce 8300 GS	115	2002	NA	NA
GeForce 8400	81	2109	0.14	\$589.99*
GeForce 8400 GS	148	1913	1.73	\$85.97*
GeForce 8400 SE	68	2149	NA	NA
GeForce 8400M G	58	2177	NA	NA
GeForce 8400M GS	112	2016	1.44	\$78.20*
<b>Videocard Name</b>	<b>Passmark G3D Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>Videocard Value (higher is better)</b>	<b>Price (USD)</b>
GeForce 8400M GT	66	2158	NA	NA
GeForce 8500 GT	129	1959	NA	NA
GeForce 8600 GS	91	2078	NA	NA
GeForce 8600 GT	117	1994	0.60	\$196.00*
GeForce 8600 GTS	149	1912	0.62	\$241.99*
GeForce 8600M GS	70	2138	NA	NA
GeForce 8600M GT	89	2083	0.83	\$108.10*
GeForce 8700M GT	124	1971	NA	NA
GeForce 8800 GS	330	1723	NA	NA
GeForce 8800 GT	487	1573	6.97	\$69.99*
GeForce 8800 GTS	419	1647	5.25	\$79.99*
GeForce 8800 GTS 512	575	1470	NA	NA
GeForce 8800 GTX	590	1447	4.92	\$119.99*
GeForce 8800 Ultra	642	1378	NA	NA
GeForce 8800M GTS	382	1674	NA	NA
GeForce 8800M GTX	462	1607	NA	NA
GeForce 9100	81	2103	NA	NA
GeForce 9100M G	68	2150	NA	NA
GeForce 9200	168	1890	NA	NA
GeForce 9200M GE	143	1923	NA	NA
GeForce 9200M GS	111	2020	NA	NA
GeForce 9300	126	1966	2.15	\$59.00*
GeForce 9300 / nForce 730i	128	1960	NA	NA
GeForce 9300 GE	76	2120	3.32	\$22.99*

GeForce 9300 GS	102	2048	1.71	\$59.95*
GeForce 9300 SE	81	2107	NA	NA
GeForce 9300GE	97	2061	1.01	\$97.20*
GeForce 9300M G	84	2094	NA	NA
GeForce 9300M GS	87	2087	2.02	\$43.42*
GeForce 9400	98	2056	NA	NA
GeForce 9400 GT	141	1928	0.89	\$159.99*
GeForce 9400M	67	2153	NA	NA
GeForce 9400M G	67	2154	NA	NA
GeForce 9450	104	2038	NA	NA
GeForce 9500 GS	187	1867	NA	NA
GeForce 9500 GT	153	1905	1.78	\$85.99*
GeForce 9500M	103	2043	1.02	\$101.20*
GeForce 9500M G	121	1982	NA	NA
GeForce 9500M GS	102	2049	NA	NA
GeForce 9600 GS	281	1767	NA	NA
GeForce 9600 GSO	327	1728	6.54	\$49.99*
GeForce 9600 GSO 512	329	1724	NA	NA
GeForce 9600 GT	489	1571	7.53	\$64.99*
GeForce 9600M GS	118	1993	NA	NA
GeForce 9600M GT	137	1942	1.75	\$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1754	NA	NA
GeForce 9650M GS	270	1776	NA	NA
GeForce 9650M GT	137	1940	1.17	\$117.30*
GeForce 9700M GT	208	1843	NA	NA
<b>Videocard Name</b>	<b>Passmark G3D Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>Videocard Value (higher is better)</b>	<b>Price (USD)</b>
GeForce 9700M GTS	278	1771	NA	NA
GeForce 9800 GT	464	1603	6.19	\$74.99*
GeForce 9800 GT 1024MB	134	1950	NA	NA
GeForce 9800 GTX	769	1251	10.26	\$74.99*
GeForce 9800 GTX+	506	1554	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1421	6.76	\$89.99*
GeForce 9800 GX2	797	1224	4.09	\$195.00*
GeForce 9800 S	635	1383	NA	NA
GeForce 9800M GS	554	1495	NA	NA
GeForce 9800M GT	381	1675	NA	NA
GeForce 9800M GTS	401	1663	NA	NA
GeForce 9800M GTX	454	1618	1.38	\$328.90*
GeForce FX 5100	7	2374	NA	NA
GeForce FX 5200	7	2377	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2354	NA	NA
GeForce FX 5200LE	7	2380	0.16	\$42.99*
GeForce FX 5200SE	11	2355	NA	NA
GeForce FX 5500	8	2369	0.05	\$153.97*
GeForce FX 5600	12	2352	NA	NA
GeForce FX 5600 Ultra	17	2343	NA	NA
GeForce FX 5600XT	9	2365	NA	NA
GeForce FX 5700	40	2238	NA	NA
GeForce FX 5700 Ultra	34	2273	NA	NA
GeForce FX 5700LE	24	2318	NA	NA
GeForce FX 5700VE	33	2281	NA	NA
GeForce FX 5900	34	2270	NA	NA
GeForce FX 5900 Ultra	41	2237	NA	NA
GeForce FX 5900XT	40	2243	NA	NA
GeForce FX 5900ZT	32	2285	NA	NA
GeForce FX 5950 Ultra	59	2174	NA	NA
GeForce FX Go5300	12	2353	NA	NA
GeForce FX Go5650	16	2344	NA	NA
GeForce FX Go5700	51	2196	NA	NA
GeForce FX Go 5200	8	2367	NA	NA
GeForce FX Go 5600	17	2341	NA	NA
GeForce G100	184	1869	9.24	\$19.99*
GeForce G102M	167	1892	NA	NA
GeForce G105M	123	1973	NA	NA
GeForce G200	136	1946	NA	NA
GeForce G205M	91	2080	NA	NA
GeForce G210	103	2045	0.84	\$122.12*
GeForce G210M	115	2001	NA	NA

GeForce G 103M	62	2167	NA	NA
GeForce G 105M	62	2164	NA	NA
GeForce Go 6100	17	2340	NA	NA
GeForce Go 6150	19	2333	NA	NA
GeForce Go 6200	15	2347	NA	NA
GeForce Go 6400	24	2319	NA	NA
GeForce Go 6600	69	2143	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6600 TE/6200 TE	44	2223	NA	NA
GeForce Go 6800	106	2033	NA	NA
GeForce Go 6800 Ultra	137	1938	NA	NA
GeForce Go 7200	45	2221	NA	NA
GeForce Go 7300	52	2193	NA	NA
GeForce Go 7400	65	2161	NA	NA
GeForce Go 7600	127	1964	NA	NA
GeForce Go 7600 GT	210	1840	NA	NA
GeForce Go 7700	147	1917	NA	NA
GeForce Go 7800	114	2007	NA	NA
GeForce Go 7800 GTX	209	1842	NA	NA
GeForce Go 7900 GS	176	1879	NA	NA
GeForce Go 7900 GTX	270	1775	NA	NA
GeForce Go 7950 GTX	263	1782	NA	NA
GeForce GPU	1194	991	NA	NA
GeForce GT625M	457	1615	NA	NA
GeForce GT 120	168	1889	5.63	\$29.99*
GeForce GT 120 / 9500 GT	324	1729	NA	NA
GeForce GT 120M	152	1907	NA	NA
GeForce GT 130	381	1676	2.52	\$151.34*
GeForce GT 130M	146	1921	NA	NA
GeForce GT 140	657	1360	NA	NA
GeForce GT 220	214	1833	5.36	\$39.99*
GeForce GT 220M	121	1981	NA	NA
GeForce GT 230	323	1732	7.35	\$43.99*
GeForce GT 230M	213	1835	NA	NA
GeForce GT 240	512	1547	3.19	\$160.97*
GeForce GT 240M	203	1850	NA	NA
GeForce GT 320	464	1601	14.22	\$32.69*
GeForce GT 320M	105	2035	NA	NA
GeForce GT 325M	169	1888	NA	NA
GeForce GT 330	400	1664	10.02	\$39.99*
GeForce GT 330M	210	1839	NA	NA
GeForce GT 335M	384	1673	NA	NA
GeForce GT 340	738	1289	13.93	\$52.99*
GeForce GT 415	251	1798	NA	NA
GeForce GT 415M	286	1762	NA	NA
GeForce GT 420	423	1643	2.73	\$155.00*
GeForce GT 420M	405	1660	NA	NA
GeForce GT 425M	523	1536	NA	NA
GeForce GT 430	602	1429	4.30	\$139.99*
GeForce GT 435M	539	1517	NA	NA
GeForce GT 440	771	1248	3.43	\$225.00*
GeForce GT 445M	811	1214	NA	NA
GeForce GT 520	308	1742	1.01	\$304.00*
GeForce GT 520M	280	1768	9.35	\$29.95*
GeForce GT 520MX	282	1764	NA	NA
GeForce GT 525M	461	1608	NA	NA
GeForce GT 530	666	1351	13.61	\$49.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 540M	481	1578	5.47	\$87.95*
GeForce GT 545	1100	1028	19.80	\$55.59*
GeForce GT 550M	580	1460	NA	NA
GeForce GT 555M	660	1356	3.73	\$177.20*
GeForce GT 610	306	1744	2.19	\$139.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1689	NA	NA
GeForce GT 620	376	1684	2.45	\$154.00*
GeForce GT 620M	439	1632	NA	NA
GeForce GT 625	350	1704	NA	NA
GeForce GT 625M	465	1599	NA	NA

GeForce G1 b30	900	1338	4.63	\$147.01*
GeForce GT 630M	541	1514	NA	NA
GeForce GT 635	832	1194	12.43	\$66.94*
GeForce GT 635M	562	1485	NA	NA
GeForce GT 640	1179	1001	10.72	\$109.99*
GeForce GT 640M	921	1133	NA	NA
GeForce GT 640M LE	689	1332	0.81	\$849.99*
GeForce GT 645	2005	737	NA	NA
GeForce GT 645M	926	1129	NA	NA
GeForce GT 650M	1209	985	NA	NA
GeForce GT 705	331	1721	1.12	\$296.76*
GeForce GT 710	631	1391	2.53	\$249.99*
GeForce GT 710M	444	1626	NA	NA
GeForce GT 720	608	1420	6.09	\$99.99*
GeForce GT 720A	581	1459	NA	NA
GeForce GT 720M	463	1604	NA	NA
GeForce GT 730	832	1192	7.57	\$109.99*
GeForce GT 730A	742	1281	NA	NA
GeForce GT 730M	815	1210	NA	NA
GeForce GT 735M	635	1384	NA	NA
GeForce GT 740	1491	896	6.29	\$236.99*
GeForce GT 740A	667	1350	NA	NA
GeForce GT 740M	790	1230	NA	NA
GeForce GT 745A	1228	979	NA	NA
GeForce GT 745M	1096	1031	NA	NA
GeForce GT 750M	1322	944	NA	NA
GeForce GT 755M	1683	832	NA	NA
GeForce GT 820M	576	1466	NA	NA
GeForce GT 1030	2477	624	24.47	\$101.25
GeForce GTS 150M	504	1557	NA	NA
GeForce GTS 160M	678	1342	NA	NA
GeForce GTS 240	556	1491	8.56	\$64.99*
GeForce GTS 250	602	1430	8.60	\$69.99*
GeForce GTS 250M	553	1498	NA	NA
GeForce GTS 350M	407	1655	NA	NA
GeForce GTS 360M	651	1365	NA	NA
GeForce GTS 450	1322	945	16.54	\$79.99*
GeForce GTX 260	1226	981	15.33	\$79.99*
GeForce GTX 260M	379	1679	NA	NA
<b>Videocard Name</b>	<b>Passmark G3D Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>Videocard Value (higher is better)</b>	<b>Price (USD)</b>
GeForce GTX 275	1422	921	3.29	\$431.72*
GeForce GTX 280	1299	955	2.49	\$522.78*
GeForce GTX 280M	575	1469	NA	NA
GeForce GTX 285	1515	889	12.63	\$119.99*
GeForce GTX 285M	650	1368	NA	NA
GeForce GTX 295	1190	995	7.44	\$169.99*
GeForce GTX 460	2260	678	25.12	\$89.99*
GeForce GTX 460 SE	2010	733	12.57	\$159.99*
GeForce GTX 460 v2	1871	776	9.36	\$199.99*
GeForce GTX 460M	1236	974	NA	NA
GeForce GTX 465	2647	593	13.58	\$195.00*
GeForce GTX 470	3093	538	51.57	\$59.99*
GeForce GTX 470M	1953	753	NA	NA
GeForce GTX 480	4100	446	24.12	\$169.99*
GeForce GTX 480M	1617	854	NA	NA
GeForce GTX 485M	2359	647	NA	NA
GeForce GTX 550 Ti	1542	880	15.42	\$99.99*
GeForce GTX 555	1571	870	NA	NA
GeForce GTX 560	2733	579	13.33	\$205.00*
GeForce GTX 560 SE	1914	786	21.27	\$89.99*
GeForce GTX 560 Ti	3042	542	23.40	\$129.99*
GeForce GTX 560M	1228	978	NA	NA
GeForce GTX 570	3930	455	26.20	\$149.99*
GeForce GTX 570M	1863	780	NA	NA
GeForce GTX 580	4559	415	32.59	\$139.92*
GeForce GTX 580M	2074	717	8.34	\$248.68*
GeForce GTX 590	3341	516	7.68	\$435.00*
GeForce GTX 645	1875	775	NA	NA
GeForce GTX 650	4763	844	46.04	\$100.00*



GeForce GTX 650	1155	671	10.24	\$102.99
GeForce GTX 650 Ti	2521	618	27.10	\$93.05*
GeForce GTX 650 Ti BOOST	3348	514	NA	NA
GeForce GTX 660	4003	452	23.83	\$167.95*
GeForce GTX 660 Ti	4401	429	30.57	\$144.00*
GeForce GTX 660M	1436	913	18.18	\$78.99*
GeForce GTX 670	5333	357	27.50	\$193.98*
GeForce GTX 670M	1730	820	NA	NA
GeForce GTX 670MX	1946	756	NA	NA
GeForce GTX 675M	1929	760	NA	NA
GeForce GTX 675MX	2744	576	NA	NA
GeForce GTX 680	5544	344	13.90	\$399.00*
GeForce GTX 680M	3215	526	23.65	\$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	491	NA	NA
GeForce GTX 680MX	4142	444	NA	NA
GeForce GTX 690	5590	337	19.90	\$280.99*
GeForce GTX 745	2144	702	7.53	\$284.95*
GeForce GTX 750	3362	512	42.03	\$79.99*
GeForce GTX 750 Ti	3900	458	44.27	\$88.11*
GeForce GTX 760	4793	401	32.17	\$149.00*
GeForce GTX 760 Ti	5209	370	17.51	\$297.50*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 760 Ti OEM	5427	348	NA	NA
GeForce GTX 760A	1226	980	NA	NA
GeForce GTX 760M	1717	825	NA	NA
GeForce GTX 765M	1997	739	10.72	\$186.30*
GeForce GTX 770	5926	323	23.80	\$249.00*
GeForce GTX 770M	2791	573	20.23	\$138.00*
GeForce GTX 775M	3551	494	NA	NA
GeForce GTX 780	8012	248	28.62	\$279.99*
GeForce GTX 780 Ti	9505	205	27.96	\$339.99*
GeForce GTX 780M	3878	461	7.77	\$499.00*
GeForce GTX 850A	1049	1055	NA	NA
GeForce GTX 850M	2514	619	NA	NA
GeForce GTX 850M - MODDED	1091	1035	NA	NA
GeForce GTX 860M	3022	544	26.51	\$114.00*
GeForce GTX 870M	3449	506	NA	NA
GeForce GTX 880M	3826	467	NA	NA
GeForce GTX 950	5338	356	37.59	\$141.99*
GeForce GTX 950A	2604	600	NA	NA
GeForce GTX 950M	2584	607	4.56	\$567.00*
GeForce GTX 960	6061	318	35.24	\$172.00*
GeForce GTX 960A	2410	634	NA	NA
GeForce GTX 960M	3403	509	2.91	\$1,169.00*
GeForce GTX 965M	3768	471	NA	NA
GeForce GTX 970	9647	200	40.54	\$237.99*
GeForce GTX 970M	5738	333	27.33	\$209.99*
GeForce GTX 970XM FORCE	6706	293	NA	NA
GeForce GTX 980	11132	177	45.01	\$247.35*
GeForce GTX 980 Ti	13818	123	17.75	\$778.69*
GeForce GTX 980M	7357	274	25.37	\$289.99*
GeForce GTX 1050	5056	383	21.16	\$239.00*
GeForce GTX 1050 3GB	5143	377	NA	NA
GeForce GTX 1050 (Mobile)	4461	423	NA	NA
GeForce GTX 1050 Ti	6311	307	29.20	\$216.13
GeForce GTX 1050 Ti (Mobile)	5918	324	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5372	352	NA	NA
GeForce GTX 1050 with Max-Q Design	4042	450	NA	NA
GeForce GTX 1060	10083	191	36.02	\$279.99*
GeForce GTX 1060 3GB	9758	198	36.14	\$269.99*
GeForce GTX 1060 5GB	9068	218	18.58	\$487.99*
GeForce GTX 1060 (Mobile)	8160	240	NA	NA
GeForce GTX 1060 with Max-Q Design	7886	256	NA	NA
GeForce GTX 1070	13512	131	27.68	\$488.09*
GeForce GTX 1070 (Mobile)	10465	184	NA	NA
GeForce GTX 1070 Ti	14695	112	25.78	\$569.99*
GeForce GTX 1070 with Max-Q Design	10026	192	NA	NA
GeForce GTX 1080	15528	98	35.07	\$442.79*
GeForce GTX 1080 Ti	18546	66	38.33	\$483.82*

GeForce GTX 1080 with Max-Q Design	11447	171	NA	NA
GeForce GTX 1630	5006	390	26.35	\$189.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1650	7877	257	50.61	\$155.67
GeForce GTX 1650 (Mobile)	6968	283	NA	NA
GeForce GTX 1650 SUPER	10137	190	40.55	\$249.99
GeForce GTX 1650 Ti	7570	267	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6416	303	NA	NA
GeForce GTX 1650 with Max-Q Design	6176	314	NA	NA
GeForce GTX 1660	11694	166	48.38	\$241.73
GeForce GTX 1660 SUPER	12780	145	56.06	\$227.99
GeForce GTX 1660 Ti	12947	143	40.18	\$322.27
GeForce GTX 1660 Ti (Mobile)	10214	186	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8666	227	NA	NA
GeForce GTX Titan	8222	239	11.04	\$745.00*
GeForce GTX TITAN Black	9049	219	17.24	\$524.99*
GeForce GTX TITAN X	13069	140	11.91	\$1,096.99*
GeForce GTX TITAN Z	8986	220	5.93	\$1,515.00*
GeForce MX110	1449	910	NA	NA
GeForce MX130	1859	782	NA	NA
GeForce MX150	2280	670	38.47	\$59.29*
GeForce MX230	1842	787	NA	NA
GeForce MX250	2431	630	NA	NA
GeForce MX330	2462	626	NA	NA
GeForce MX350	2805	571	NA	NA
GeForce MX450	3736	476	NA	NA
GeForce MX550	4634	411	NA	NA
GeForce MX570	6020	319	NA	NA
GeForce MX570 A	6270	309	NA	NA
GeForce PCX 5300	6	2390	NA	NA
GeForce PCX 5750	34	2268	NA	NA
GeForce PCX 5900	34	2274	NA	NA
GeForce RTX 2050	7519	269	NA	NA
GeForce RTX 2060	14148	117	52.60	\$269.00*
GeForce RTX 2060 12GB	15846	93	NA	NA
GeForce RTX 2060 (Mobile)	11354	173	NA	NA
GeForce RTX 2060 SUPER	16586	82	39.67	\$415.98*
GeForce RTX 2060 with Max-Q Design	9803	197	NA	NA
GeForce RTX 2070	16183	89	41.43	\$390.59*
GeForce RTX 2070 (Mobile)	12354	156	NA	NA
GeForce RTX 2070 SUPER	18245	69	36.64	\$497.95*
GeForce RTX 2070 Super with Max-Q Design	13969	118	NA	NA
GeForce RTX 2070 with Max-Q Design	11815	164	NA	NA
GeForce RTX 2080	18816	63	23.50	\$800.61*
GeForce RTX 2080 (Mobile)	15107	105	NA	NA
GeForce RTX 2080 SUPER	19607	57	28.63	\$684.86*
GeForce RTX 2080 Super with Max-Q Design	13820	122	NA	NA
GeForce RTX 2080 Ti	21789	41	15.56	\$1,399.99*
GeForce RTX 2080 with Max-Q Design	13132	138	6.25	\$2,099.99*
GeForce RTX 3050	12913	144	71.75	\$179.99
GeForce RTX 3050 4GB Laptop GPU	6938	285	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10561	182	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3050 Laptop GPU	9443	207	34.98	\$269.99*
GeForce RTX 3050 OEM	12149	160	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10165	188	NA	NA
GeForce RTX 3060 8GB	15550	96	NA	NA
GeForce RTX 3060 12GB	17102	76	58.98	\$289.99
GeForce RTX 3060 Laptop GPU	13413	132	43.27	\$309.99*
GeForce RTX 3060 Ti	20575	47	54.15	\$379.99
GeForce RTX 3070	22434	36	45.78	\$489.99
GeForce RTX 3070 Laptop GPU	15530	97	NA	NA
GeForce RTX 3070 Ti	23694	28	52.66	\$449.99
GeForce RTX 3070 Ti Laptop GPU	18192	70	NA	NA
GeForce RTX 3080	25332	24	39.58	\$639.99
GeForce RTX 3080 12GB	26738	20	NA	NA
GeForce RTX 3080 Laptop GPU	16530	83	NA	NA
GeForce RTX 3080 Ti	27268	16	18.59	\$1,466.81

GeForce RTX 3080 Ti Laptop GPU	20117	49	NA	NA
GeForce RTX 3090	26838	19	12.13	\$2,212.17
GeForce RTX 3090 Ti	29778	9	19.34	\$1,539.99*
GeForce RTX 4050 Laptop GPU	14701	111	NA	NA
GeForce RTX 4060	19673	55	66.75	\$294.76
GeForce RTX 4060 Laptop GPU	17870	71	NA	NA
GeForce RTX 4060 Ti	22856	34	60.15	\$379.99
GeForce RTX 4060 Ti 16GB	23011	31	51.14	\$449.99
GeForce RTX 4070	27025	17	50.99	\$929.99
GeForce RTX 4070 Laptop GPU	19652	56	NA	NA
GeForce RTX 4070 SUPER	30488	7	51.68	\$589.99
GeForce RTX 4070 Ti	31738	5	43.54	\$728.97
GeForce RTX 4070 Ti SUPER	32083	4	38.66	\$829.99
GeForce RTX 4080	34646	2	27.94	\$1,239.99
GeForce RTX 4080 Laptop GPU	26041	22	NA	NA
GeForce RTX 4080 SUPER	34325	3	31.21	\$1,099.99
GeForce RTX 4090	38791	1	21.55	\$1,799.99
GeForce RTX 4090 D	29414	10	NA	NA
GeForce RTX 4090 Laptop GPU	28203	15	NA	NA
GF117	554	1496	NA	NA
GRID GTX P40-6	4340	433	NA	NA
GRID K1	650	1367	1.65	\$395.00*
GRID K2	2736	577	0.61	\$4,449.99
GRID K120Q	293	1753	NA	NA
GRID K140Q	727	1296	NA	NA
GRID K160Q	628	1398	NA	NA
GRID K180Q	533	1523	NA	NA
GRID K220Q	912	1137	NA	NA
GRID K240Q	2541	613	NA	NA
GRID K260Q	2949	551	NA	NA
GRID K280Q	2839	563	NA	NA
GRID K520	3516	499	23.44	\$149.99*
GRID M6-0B	911	1138	NA	NA
GRID M6-1Q	2069	718	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M6-8Q	3568	492	NA	NA
GRID M10-0B	705	1319	NA	NA
GRID M10-0Q	795	1229	NA	NA
GRID M10-1B	2309	662	NA	NA
GRID M10-1Q	3351	513	NA	NA
GRID M10-2B	2333	654	NA	NA
GRID M10-2Q	2691	589	NA	NA
GRID M10-4Q	2976	549	NA	NA
GRID M10-8Q	2606	599	NA	NA
GRID M60-0B	1838	791	NA	NA
GRID M60-0Q	827	1199	NA	NA
GRID M60-1B	4456	424	NA	NA
GRID M60-1Q	3694	480	NA	NA
GRID M60-2Q	5203	371	NA	NA
GRID M60-4Q	3831	466	NA	NA
GRID M60-8A	5523	345	NA	NA
GRID M60-8Q	3883	460	NA	NA
GRID P4-1B	2151	700	NA	NA
GRID P4-4Q	5042	385	NA	NA
GRID P4-8A	3206	528	NA	NA
GRID P4-8Q	6733	291	NA	NA
GRID P6-2Q	3925	457	NA	NA
GRID P6-4Q	4429	427	NA	NA
GRID P40-2B	9842	196	NA	NA
GRID P40-2Q	4843	399	NA	NA
GRID P40-3Q	681	1337	NA	NA
GRID P40-4Q	5364	353	NA	NA
GRID P40-8Q	8967	221	NA	NA
GRID P40-24Q	9638	201	NA	NA
GRID P100-1B	2223	688	NA	NA
GRID P100-8Q	3267	519	NA	NA
GRID P100-16Q	5944	322	NA	NA
GRID RTX6000-1B	8473	233	NA	NA

GRID RTX6000P-6Q	4777	403	NA	NA
GRID RTX8000P-12A	4165	442	NA	NA
GRID T4-1Q	3742	474	NA	NA
GRID T4-2B	2601	602	NA	NA
GRID T4-2Q	3450	505	NA	NA
GRID T4-4Q	3260	520	NA	NA
GRID T4-8Q	4518	419	NA	NA
GRID V100-8Q	16	2345	NA	NA
GRID V100D-8Q	4155	443	NA	NA
GT 430	223	1821	1.56	\$142.88*
Incredible HD	389	1671	NA	NA
Incredible HD 4000	517	1544	NA	NA
Incredible HD 4600	749	1299	NA	NA
Intel 2nd Generation SandyBridge HD	185	1868	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1849	NA	NA
Intel 4th Generation Haswell HD	419	1648	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 865 Embedded Controller	3	2458	NA	NA
Intel 915G/910G Express	4	2447	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2428	NA	NA
Intel 945G Embedded Chipset Function 0	4	2435	NA	NA
Intel 946GZ Embedded Chipset	3	2473	NA	NA
Intel 946GZ Express	2	2481	NA	NA
Intel 82845G Controller	2	2504	NA	NA
Intel 82845G/GL Controller	2	2493	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2484	NA	NA
Intel 82852/82855 GM/GME Controller	1	2515	NA	NA
Intel 82865G Controller	4	2427	NA	NA
Intel 82915G Express	5	2400	NA	NA
Intel 82915G/915GV/910GL	3	2457	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2492	NA	NA
Intel 82915G/GV/910GL Express	3	2478	NA	NA
Intel 82945G Express	11	2356	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2372	NA	NA
Intel - Express Chipset G41	56	2185	NA	NA
Intel - Express Chipset Q45/Q43	57	2180	NA	NA
Intel Arc	5017	389	NA	NA
Intel Arc A310	5115	379	46.51	\$109.99*
Intel Arc A370M	4625	412	NA	NA
Intel Arc A380	5120	378	36.58	\$139.99*
Intel Arc A530M	5490	346	NA	NA

















