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

NVIDIA GeForce RTX 3050Ti 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	2223	NA	NA
7900 MOD - Radeon HD 6520G	610	1385	NA	NA
7900 MOD - Radeon HD 6550D	892	1120	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1792	NA	NA
A10-8Q	7041	267	NA	NA
A16-2Q	4582	390	NA	NA
ABIT Siluro T400	3	2418	NA	NA
ALL-IN-WONDER 9000	4	2385	NA	NA
ALL-IN-WONDER 9800	23	2291	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2370	NA	NA
ALL-IN-WONDER X800 GT	84	2062	NA	NA
All-in-Wonder X1800XL	30	2262	NA	NA
All-in-Wonder X1900	127	1928	NA	NA
AMD Ryzen Z1 Extreme	6546	285	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2443	NA	NA
ASUS A7000	9	2331	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2404	NA	NA
ASUS EAH4870x2	496	1534	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1271	NA	NA
ASUS V9520-X V62.11	7	2342	NA	NA
B8DKMDAP	4557	393	NA	NA
Barco MXRT 1450	205	1814	NA	NA
Barco MXRT 2600	900	1114	4.52	$199.00*
Barco MXRT 5400	1161	976	5.72	$203.00*
Barco MXRT 5450	1079	1013	5.40	$199.99*
Barco MXRT 5500	2701	559	9.04	$299.00*
Barco MXRT 5600	2465	600	3.50	$704.00*
Barco MXRT 7100	180	1840	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V5100	92	2042	0.81	$114.96
FireGL V5200	114	1972	0.86	$133.40*
FireGL V5600	341	1678	1.52	$225.00*
FireGL V7100	71	2098	0.22	$328.67*
FireGL V7200	116	1964	NA	NA
FireGL V7300	128	1926	0.11	$1,189.99*
FireGL V7350	110	1987	0.93	$119.42*
FireGL V7600	615	1381	NA	NA
FireGL V7700	660	1325	9.43	$69.99*
FireGL V8600	838	1155	NA	NA
FireGL V8650	550	1469	1.84	$298.99*
FireGL X1	59	2143	NA	NA
FireMV 2200 PCI	1	2485	NA	NA
FireMV 2200 PCIe	36	2230	0.40	$89.99*
FireMV 2250	45	2186	0.44	$104.00*
FireMV 2260	117	1959	1.33	$88.08*
FireMV 2400 PCIe	11	2324	NA	NA
FireMV 2450	73	2092	NA	NA
FirePro 3D V3700	178	1844	2.10	$84.99*
FirePro 3D V3750	341	1677	6.71	$50.88*
FirePro 3D V3800	472	1561	3.15	$149.99*
FirePro 3D V4800	853	1143	5.33	$159.99*
FirePro 3D V5700	546	1472	1.71	$319.99*
FirePro 3D V5800	1231	945	6.04	$204.00*
FirePro 3D V7750	545	1476	1.56	$350.00*
FirePro 3D V7800	1867	747	3.11	$599.99*
FirePro 3D V8700	1206	956	7.09	$170.07*
FirePro 3D V8750	1271	930	1.03	$1,230.99*
FirePro 3D V8800	2437	603	5.74	$424.99*
FirePro 3D V9800	2811	540	1.13	$2,499.00*
FirePro 2260	112	1977	NA	NA
FirePro 2270	143	1889	1.07	$134.00*
FirePro 2450	51	2166	0.57	$89.99*
FirePro 2460	170	1852	2.03	$83.99*
FirePro M2000	423	1609	NA	NA
FirePro M4000	1612	825	22.14	$72.83*
FirePro M4000 Mobility Pro	1628	815	NA	NA
Firepro M4100	1059	1021	NA	NA
FirePro M4150	928	1096	NA	NA
FirePro M4170	1119	992	NA	NA
FirePro M5100	2102	682	NA	NA
FirePro M5100 FireGL V	1839	757	NA	NA
FirePro M5950	1314	916	NA	NA
FirePro M6000	1820	765	5.58	$325.99*
FirePro M6000 Mobility Pro	1750	782	NA	NA
FirePro M6100	2164	668	NA	NA
FirePro M6100 FireGL V	2768	545	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W2100	888	1127	15.05	$59.00*
FirePro W4100	1539	851	8.36	$184.00*
FirePro W4170M	1062	1018	NA	NA
Firepro W4190M	1170	970	NA	NA
FirePro W4300	2834	538	11.81	$239.99*
FirePro W5000	2964	526	16.11	$184.00*
FirePro W5100	2979	524	23.65	$125.99*
FirePro W5130M	1395	898	NA	NA
Firepro W5170M	1732	787	NA	NA
FirePro W6150M	2358	622	NA	NA
FirePro W7000	4260	416	15.32	$278.05*
FirePro W7000 Adapter	4361	409	NA	NA
FirePro W7100	5317	337	13.66	$389.30*
FirePro W7170M	3161	511	NA	NA
FirePro W8000	4095	424	7.15	$573.00*
FirePro W8100	7279	261	10.34	$704.00*
FirePro W9000	6138	301	7.26	$845.00*
FirePro W9100	7927	237	4.58	$1,729.99*
FireStream 9170	647	1339	NA	NA
FireStream 9250	1164	972	NA	NA
FireStream 9270	1341	911	NA	NA
FireStream 9370	2528	590	NA	NA
GeCube RADEON 7000	8	2333	NA	NA
GeForce2 Go	4	2410	NA	NA
GeForce2 GTS/GeForce2 Pro	3	2415	NA	NA
GeForce2 Integrated GPU	4	2405	NA	NA
GeForce2 MX	2	2455	NA	NA
GeForce2 MX 100/200	3	2439	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2389	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	2463	NA	NA
GeForce2 MX/MX 400	3	2417	NA	NA
GeForce2 Ti	4	2397	NA	NA
GeForce2 Ultra	6	2355	NA	NA
GeForce3	4	2386	NA	NA
GeForce3 Ti 200	4	2412	NA	NA
GeForce3 Ti 500	2	2465	NA	NA
GeForce4 420 Go	3	2436	NA	NA
GeForce4 420 Go 32M	5	2375	NA	NA
GeForce4 440	4	2383	NA	NA
GeForce4 440 Go	3	2423	NA	NA
GeForce4 440 Go 64M	5	2361	NA	NA
GeForce4 448 Go	5	2372	NA	NA
GeForce4 4200 Go	3	2416	NA	NA
GeForce4 MX 420	4	2390	NA	NA
GeForce4 MX 440	4	2400	NA	NA
GeForce4 MX 440 with AGP8X	4	2387	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 510	259	1755	3.71	$69.99*
GeForce 605	318	1703	2.32	$136.83*
GeForce 610M	291	1723	NA	NA
GeForce 615	545	1474	NA	NA
GeForce 705M	455	1584	NA	NA
GeForce 710A	475	1554	NA	NA
GeForce 710M	463	1573	NA	NA
GeForce 720A	614	1382	NA	NA
GeForce 730A	771	1218	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce 770M	3245	499	18.34	$176.99*
GeForce 800A	476	1551	NA	NA
GeForce 800M	457	1581	NA	NA
GeForce 810A	622	1372	NA	NA
GeForce 810M	410	1620	NA	NA
GeForce 820A	555	1463	NA	NA
GeForce 820M	504	1525	NA	NA
GeForce 825M	783	1206	NA	NA
GeForce 830A	1138	982	NA	NA
GeForce 830M	1006	1047	NA	NA
GeForce 840A	1179	967	NA	NA
GeForce 840M	1081	1010	NA	NA
GeForce 845M	1506	862	NA	NA
GeForce 910M	591	1412	NA	NA
GeForce 920A	849	1148	NA	NA
GeForce 920M	726	1267	NA	NA
GeForce 920MX	1084	1009	NA	NA
GeForce 930A	1309	919	NA	NA
GeForce 930M	1013	1043	NA	NA
GeForce 930MX	1297	926	NA	NA
GeForce 940A	1106	999	NA	NA
GeForce 940M	1121	990	NA	NA
GeForce 940MX	1510	860	NA	NA
GeForce 945A	1852	753	NA	NA
GeForce 945M	2107	680	NA	NA
GeForce 999 GTX	83	2066	NA	NA
GeForce 6100	27	2271	NA	NA
GeForce 6100 nForce 400	25	2280	NA	NA
GeForce 6100 nForce 405	29	2264	NA	NA
GeForce 6100 nForce 420	25	2279	NA	NA
GeForce 6100 nForce 430	23	2293	NA	NA
GeForce 6150	21	2296	0.07	$329.00*
GeForce 6150 LE	33	2246	NA	NA
GeForce 6150SE	24	2284	NA	NA
GeForce 6150SE nForce 430	30	2261	NA	NA
GeForce 6200	41	2202	0.42	$99.99*
GeForce 6200 A-LE	32	2254	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7050 / nForce 620i	41	2203	NA	NA
GeForce 7050 / nForce 630i	37	2222	NA	NA
GeForce 7050 PV / nForce 630a	31	2257	NA	NA
GeForce 7100 / nForce 620i	26	2275	NA	NA
GeForce 7100 / nForce 630i	41	2204	NA	NA
GeForce 7100 GS	48	2179	NA	NA
GeForce 7150 / nForce 630i	33	2249	NA	NA
GeForce 7150M / nForce 630M	18	2304	NA	NA
GeForce 7200 GS	23	2292	NA	NA
GeForce 7300 GS	78	2085	NA	NA
GeForce 7300 GT	136	1909	0.91	$149.99*
GeForce 7300 LE	80	2081	2.50	$32.00*
GeForce 7300 SE	39	2217	NA	NA
GeForce 7300 SE/7200 GS	48	2176	NA	NA
GeForce 7350 LE	74	2091	NA	NA
GeForce 7500 LE	89	2052	NA	NA
GeForce 7600 GS	157	1866	0.90	$175.00*
GeForce 7600 GT	217	1796	1.09	$199.00*
GeForce 7650 GS	134	1916	NA	NA
GeForce 7800 GS	177	1845	NA	NA
GeForce 7800 GT	244	1769	3.05	$80.00*
GeForce 7800 GTX	290	1724	4.06	$71.60*
GeForce 7900 GS	253	1762	NA	NA
GeForce 7900 GT	258	1757	1.30	$199.00*
GeForce 7900 GT/GTO	247	1768	NA	NA
GeForce 7900 GTX	387	1640	NA	NA
GeForce 7950 GT	344	1674	1.69	$203.99*
GeForce 7950 GX2	201	1818	3.67	$54.99*
GeForce 7950 Xtreme	287	1727	NA	NA
GeForce 8100 / nForce 720a	79	2084	NA	NA
GeForce 8200	155	1869	NA	NA
GeForce 8200M G	62	2135	NA	NA
GeForce 8300	101	2017	4.48	$22.68*
GeForce 8300 GS	115	1966	NA	NA
GeForce 8400	81	2076	0.14	$589.99*
GeForce 8400 GS	149	1877	1.74	$85.97*
GeForce 8400 SE	68	2116	NA	NA
GeForce 8400M G	58	2145	NA	NA
GeForce 8400M GS	112	1980	1.44	$78.20*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce 8400M GT	66	2125	NA	NA
GeForce 8500 GT	123	1938	NA	NA
GeForce 8600 GS	91	2045	NA	NA
GeForce 8600 GT	116	1961	0.60	$196.00*
GeForce 8600 GTS	149	1878	0.62	$241.99*
GeForce 8600M GS	70	2107	NA	NA
GeForce 8600M GT	89	2050	0.83	$108.10*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9400 GT	132	1918	0.83	$159.99*
GeForce 9400M	67	2120	NA	NA
GeForce 9400M G	67	2121	NA	NA
GeForce 9450	104	2003	NA	NA
GeForce 9500 GS	187	1835	NA	NA
GeForce 9500 GT	150	1874	1.75	$85.99*
GeForce 9500M	103	2009	1.02	$101.20*
GeForce 9500M G	121	1946	NA	NA
GeForce 9500M GS	102	2014	NA	NA
GeForce 9600 GS	281	1733	NA	NA
GeForce 9600 GSO	327	1694	6.54	$49.99*
GeForce 9600 GSO 512	329	1691	NA	NA
GeForce 9600 GT	491	1537	7.57	$64.99*
GeForce 9600M GS	117	1958	NA	NA
GeForce 9600M GT	137	1904	1.76	$78.20*
GeForce 9600M GT / GeForce GT 220M	293	1721	NA	NA
GeForce 9650M GS	270	1742	NA	NA
GeForce 9650M GT	137	1906	1.17	$117.30*
GeForce 9700M GT	208	1810	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce 9700M GTS	278	1737	NA	NA
GeForce 9800 GT	465	1565	6.21	$74.99*
GeForce 9800 GT 1024MB	134	1914	NA	NA
GeForce 9800 GTX	769	1222	10.26	$74.99*
GeForce 9800 GTX+	506	1522	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1389	6.76	$89.99*
GeForce 9800 GX2	797	1197	4.09	$195.00*
GeForce 9800 S	635	1350	NA	NA
GeForce 9800M GS	554	1465	NA	NA
GeForce 9800M GT	381	1642	NA	NA
GeForce 9800M GTS	401	1630	NA	NA
GeForce 9800M GTX	454	1585	1.38	$328.50*
GeForce FX 5100	7	2341	NA	NA
GeForce FX 5200	7	2344	0.06	$129.00*
GeForce FX 5200 Ultra	12	2321	NA	NA
GeForce FX 5200LE	7	2347	0.16	$42.99*
GeForce FX 5200SE	11	2323	NA	NA
GeForce FX 5500	8	2336	0.05	$153.97*
GeForce FX 5600	12	2319	NA	NA
GeForce FX 5600 Ultra	17	2310	NA	NA
GeForce FX 5600XT	9	2332	NA	NA
GeForce FX 5700	40	2206	NA	NA
GeForce FX 5700 Ultra	34	2240	NA	NA
GeForce FX 5700LE	24	2285	NA	NA
GeForce FX 5700VE	33	2248	NA	NA
GeForce FX 5900	34	2237	NA	NA
GeForce FX 5900 Ultra	41	2205	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 6600 TE/6200 TE	44	2150	NA	NA
GeForce Go 6800	106	1998	NA	NA
GeForce Go 6800 Ultra	137	1903	NA	NA
GeForce Go 7200	45	2188	NA	NA
GeForce Go 7300	52	2160	NA	NA
GeForce Go 7400	65	2128	NA	NA
GeForce Go 7600	127	1927	NA	NA
GeForce Go 7600 GT	210	1806	NA	NA
GeForce Go 7700	147	1883	NA	NA
GeForce Go 7800	114	1971	NA	NA
GeForce Go 7800 GTX	209	1809	NA	NA
GeForce Go 7900 GS	176	1846	NA	NA
GeForce Go 7900 GTX	270	1741	NA	NA
GeForce Go 7950 GTX	263	1749	NA	NA
GeForce GPU	1199	961	NA	NA
GeForce GT625M	457	1582	NA	NA
GeForce GT 120	168	1855	5.63	$29.99*
GeForce GT 120 / 9500 GT	324	1695	NA	NA
GeForce GT 120M	152	1872	NA	NA
GeForce GT 130	381	1643	2.52	$151.34*
GeForce GT 130M	146	1886	NA	NA
GeForce GT 140	657	1328	NA	NA
GeForce GT 220	213	1802	5.33	$39.99*
GeForce GT 220M	121	1945	NA	NA
GeForce GT 230	323	1698	7.35	$43.99*
GeForce GT 230M	203	1816	NA	NA
GeForce GT 240	515	1513	3.20	$160.97*
GeForce GT 240M	203	1817	NA	NA
GeForce GT 320	464	1570	14.22	$32.69*
GeForce GT 320M	105	2001	NA	NA
GeForce GT 325M	169	1854	NA	NA
GeForce GT 330	400	1631	10.02	$39.99*
GeForce GT 330M	210	1805	NA	NA
GeForce GT 335M	389	1638	NA	NA
GeForce GT 340	738	1257	13.93	$52.99*
GeForce GT 415	251	1765	NA	NA
GeForce GT 415M	286	1729	NA	NA
GeForce GT 420	426	1607	2.75	$155.00*
GeForce GT 420M	414	1617	NA	NA
GeForce GT 425M	523	1504	NA	NA
GeForce GT 430	601	1399	4.30	$139.99*
GeForce GT 435M	542	1482	NA	NA
GeForce GT 440	773	1217	3.44	$225.00*
GeForce GT 445M	811	1185	NA	NA
GeForce GT 520	306	1709	1.01	$304.00*
GeForce GT 520M	280	1736	9.37	$29.95*
GeForce GT 520MX	281	1734	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 705	335	1685	1.13	$296.75*
GeForce GT 710	631	1358	2.53	$249.99*
GeForce GT 710M	444	1593	NA	NA
GeForce GT 720	610	1387	6.10	$99.99*
GeForce GT 720A	600	1400	NA	NA
GeForce GT 720M	463	1572	NA	NA
GeForce GT 730	831	1168	7.56	$109.99*
GeForce GT 730A	742	1252	NA	NA
GeForce GT 730M	815	1182	NA	NA
GeForce GT 735M	628	1364	NA	NA
GeForce GT 740	1490	866	6.29	$236.99*
GeForce GT 740A	667	1318	NA	NA
GeForce GT 740M	789	1201	NA	NA
GeForce GT 745A	1230	946	NA	NA
GeForce GT 745M	1096	1003	NA	NA
GeForce GT 750M	1318	913	NA	NA
GeForce GT 755M	1664	807	NA	NA
GeForce GT 820M	579	1429	NA	NA
GeForce GT 1030	2483	599	24.54	$101.20
GeForce GTS 150M	504	1524	NA	NA
GeForce GTS 160M	678	1311	NA	NA
GeForce GTS 240	577	1433	8.88	$64.99*
GeForce GTS 250	603	1397	8.62	$69.99*
GeForce GTS 250M	569	1449	NA	NA
GeForce GTS 350M	407	1623	NA	NA
GeForce GTS 360M	651	1332	NA	NA
GeForce GTS 450	1314	915	16.44	$79.99*
GeForce GTX 260	1229	947	15.38	$79.99*
GeForce GTX 260M	379	1646	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce GTX 275	1426	888	3.30	$431.72*
GeForce GTX 280	1299	925	2.49	$522.78*
GeForce GTX 280M	575	1438	NA	NA
GeForce GTX 285	1516	857	12.64	$119.99*
GeForce GTX 285M	650	1335	NA	NA
GeForce GTX 295	1201	960	7.51	$159.99*
GeForce GTX 460	2253	652	25.04	$89.99*
GeForce GTX 460 SE	2011	701	12.57	$159.99*
GeForce GTX 460 v2	1871	744	9.36	$199.99*
GeForce GTX 460M	1232	944	NA	NA
GeForce GTX 465	2678	566	13.74	$195.00*
GeForce GTX 470	3089	517	51.50	$59.99*
GeForce GTX 470M	1953	723	NA	NA
GeForce GTX 480	4061	426	23.89	$169.99*
GeForce GTX 480M	1617	824	NA	NA
GeForce GTX 485M	2359	621	NA	NA
GeForce GTX 550 Ti	1539	850	15.40	$99.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 680M	3215	503	23.65	$135.99*
GeForce GTX 680M KY_Bullet Edition	3568	468	NA	NA
GeForce GTX 680MX	4142	422	NA	NA
GeForce GTX 690	5579	318	19.85	$280.99*
GeForce GTX 745	2147	672	7.54	$284.95*
GeForce GTX 750	3363	490	42.04	$79.99*
GeForce GTX 750 Ti	3902	435	44.29	$88.11*
GeForce GTX 760	4784	378	32.11	$149.00*
GeForce GTX 760 Ti	5191	350	17.45	$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	328	NA	NA
GeForce GTX 760A	1226	948	NA	NA
GeForce GTX 760M	1709	800	NA	NA
GeForce GTX 765M	1991	710	10.69	$186.30*
GeForce GTX 770	5916	308	23.76	$249.00*
GeForce GTX 770M	2765	546	20.04	$138.00*
GeForce GTX 775M	3551	471	NA	NA
GeForce GTX 780	8020	234	28.64	$279.99*
GeForce GTX 780 Ti	9486	194	27.90	$339.99*
GeForce GTX 780M	3878	437	7.77	$499.00*
GeForce GTX 850A	1049	1025	NA	NA
GeForce GTX 850M	2521	592	NA	NA
GeForce GTX 850M - MODDED	1091	1006	NA	NA
GeForce GTX 860M	3029	521	26.57	$114.00*
GeForce GTX 870M	3448	482	NA	NA
GeForce GTX 880M	3804	446	NA	NA
GeForce GTX 950	5344	336	37.64	$141.99*
GeForce GTX 950A	2598	579	NA	NA
GeForce GTX 950M	2583	582	4.56	$567.00*
GeForce GTX 960	6045	302	35.15	$172.00*
GeForce GTX 960A	2410	610	NA	NA
GeForce GTX 960M	3396	487	2.91	$1,169.00*
GeForce GTX 965M	3745	451	NA	NA
GeForce GTX 970	9645	188	40.53	$237.99*
GeForce GTX 970M	5728	312	27.28	$209.99*
GeForce GTX 970XM FORCE	6706	277	NA	NA
GeForce GTX 980	11140	165	45.04	$247.35*
GeForce GTX 980 Ti	13829	112	17.76	$778.69
GeForce GTX 980M	7341	259	25.32	$289.99*
GeForce GTX 1050	5049	360	21.13	$239.00*
GeForce GTX 1050 3GB	5146	356	NA	NA
GeForce GTX 1050 (Mobile)	4461	402	NA	NA
GeForce GTX 1050 Ti	6307	292	37.04	$170.29
GeForce GTX 1050 Ti (Mobile)	5918	307	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5381	332	NA	NA
GeForce GTX 1050 with Max-Q Design	4027	428	NA	NA
GeForce GTX 1060	10074	178	35.98	$279.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1660 Ti with Max-Q Design	8681	215	NA	NA
GeForce GTX Titan	8211	229	11.02	$745.00*
GeForce GTX TITAN Black	9016	208	17.17	$524.99*
GeForce GTX TITAN X	13054	130	11.90	$1,096.99*
GeForce GTX TITAN Z	8986	210	5.93	$1,515.00*
GeForce MX110	1453	878	NA	NA
GeForce MX130	1865	748	NA	NA
GeForce MX150	2278	645	38.43	$59.29*
GeForce MX230	1838	758	NA	NA
GeForce MX250	2437	604	NA	NA
GeForce MX330	2461	601	NA	NA
GeForce MX350	2807	541	NA	NA
GeForce MX450	3726	454	NA	NA
GeForce MX550	4582	391	NA	NA
GeForce MX570	6020	304	NA	NA
GeForce MX570 A	6177	299	NA	NA
GeForce PCX 5300	6	2357	NA	NA
GeForce PCX 5750	34	2235	NA	NA
GeForce PCX 5900	34	2241	NA	NA
GeForce RTX 2050	7305	260	NA	NA
GeForce RTX 2060	14125	107	39.11	$361.12
GeForce RTX 2060 12GB	15901	82	NA	NA
GeForce RTX 2060 (Mobile)	11354	161	NA	NA
GeForce RTX 2060 SUPER	16581	75	40.44	$409.99*
GeForce RTX 2060 with Max-Q Design	9786	184	NA	NA
GeForce RTX 2070	16180	78	31.12	$519.99*
GeForce RTX 2070 (Mobile)	12354	144	NA	NA
GeForce RTX 2070 SUPER	18252	64	36.65	$497.95*
GeForce RTX 2070 Super with Max-Q Design	13923	109	NA	NA
GeForce RTX 2070 with Max-Q Design	11890	151	NA	NA
GeForce RTX 2080	18803	56	23.49	$800.61*
GeForce RTX 2080 (Mobile)	15107	96	NA	NA
GeForce RTX 2080 SUPER	19596	49	28.61	$684.86
GeForce RTX 2080 Super with Max-Q Design	13844	111	NA	NA
GeForce RTX 2080 Ti	21841	35	15.60	$1,399.99*
GeForce RTX 2080 with Max-Q Design	13203	127	6.29	$2,099.99*
GeForce RTX 3050	12963	133	61.73	$209.99
GeForce RTX 3050 4GB Laptop GPU	7010	269	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10661	168	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	9407	198	34.84	$269.99*
GeForce RTX 3050 OEM	12083	150	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10181	176	NA	NA
GeForce RTX 3060	17094	70	59.98	$284.99
GeForce RTX 3060 Laptop GPU	13414	122	43.27	$309.99*
GeForce RTX 3060 Ti	20597	41	57.22	$359.99
GeForce RTX 3070	22466	30	49.93	$449.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID GTX P40-6	4340	410	NA	NA
GRID K1	650	1334	1.65	$395.00*
GRID K2	2736	551	0.68	$4,010.05
GRID K120Q	293	1720	NA	NA
GRID K140Q	727	1266	NA	NA
GRID K160Q	628	1365	NA	NA
GRID K180Q	533	1492	NA	NA
GRID K220Q	912	1107	NA	NA
GRID K240Q	2541	587	NA	NA
GRID K260Q	2949	527	NA	NA
GRID K280Q	2839	536	NA	NA
GRID K520	3516	475	23.44	$149.99*
GRID M6-0B	911	1108	NA	NA
GRID M6-1Q	2069	687	NA	NA
GRID M6-8Q	3568	469	NA	NA
GRID M10-0Q	913	1105	NA	NA
GRID M10-1B	2309	633	NA	NA
GRID M10-1Q	3351	491	NA	NA
GRID M10-2B	2333	628	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M10-2Q	2691	562	NA	NA
GRID M10-4Q	2976	525	NA	NA
GRID M10-8Q	2606	576	NA	NA
GRID M60-0B	1838	759	NA	NA
GRID M60-0Q	827	1170	NA	NA
GRID M60-1B	4456	403	NA	NA
GRID M60-1Q	3694	455	NA	NA
GRID M60-2Q	5203	348	NA	NA
GRID M60-4Q	3831	444	NA	NA
GRID M60-8A	5523	323	NA	NA
GRID M60-8Q	3883	436	NA	NA
GRID P6-2Q	3925	434	NA	NA
GRID P6-4Q	4429	406	NA	NA
GRID P40-2B	9842	183	NA	NA
GRID P40-2Q	4843	372	NA	NA
GRID P40-3Q	681	1306	NA	NA
GRID P40-4Q	5364	334	NA	NA
GRID P40-8Q	8967	211	NA	NA
GRID P40-24Q	4727	383	NA	NA
GRID P100-1B	2223	662	NA	NA
GRID P100-8Q	3841	443	NA	NA
GRID P100-16Q	5944	306	NA	NA
GRID RTX6000-1B	8473	220	NA	NA
GRID RTX6000P-6Q	4777	379	NA	NA
GRID T4-1Q	3742	452	NA	NA
GRID T4-2B	2601	578	NA	NA
GRID T4-2Q	3450	480	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82915G Express	3	2367	NA	NA
Intel 82915G/915GV/910GL	3	2424	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2459	NA	NA
Intel 82915G/GV/910GL Express	3	2445	NA	NA
Intel 82945G Express	12	2322	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2339	NA	NA
Intel - Express Chipset G41	56	2152	NA	NA
Intel - Express Chipset Q45/Q43	57	2147	NA	NA
Intel Arc	4419	407	NA	NA
Intel Arc A310	4722	384	42.93	$109.99*
Intel Arc A380	4830	374	NA	NA
Intel Arc A580	11577	157	27.18	$425.96
Intel Arc A730M	8274	228	NA	NA
Intel Arc A750	9149	202	43.57	$209.99
Intel Arc A770	9641	189	35.71	$269.99
Intel Arc A770M	7485	256	NA	NA
Intel Arc Pro A40/A50	5223	345	NA	NA
Intel Arc Pro A60	9409	197	NA	NA
Intel B43 Express Chipset	109	1992	NA	NA
Intel Coffee Lake UHD	1158	977	NA	NA
Intel Extreme Controller	1	2473	NA	NA
Intel G33/G31 Express	51	2161	NA	NA
Intel G35 Express	3090	515	NA	NA
Intel G41 Express Chipset	104	2005	NA	NA
Intel G41 Express-Chipsatz	57	2149	NA	NA
Intel G45/G43 Express Chipset	98	2026	NA	NA
Intel G45/G43/G41 Express Chipset	67	2118	NA	NA
Intel G965 Express	222	1789	NA	NA
Intel GMA 3150 Express	2	2466	NA	NA
Intel Haswell HD - GT1	123	1941	NA	NA
Intel Haswell HD - GT2	139	1899	NA	NA
Intel HD 500	298	1717	NA	NA
Intel HD 505	352	1671	NA	NA
Intel HD 510	627	1368	NA	NA
Intel HD 515	631	1356	NA	NA
Intel HD 520	870	1134	NA	NA
Intel HD 530	995	1053	NA	NA
Intel HD 610	693	1298	NA	NA
Intel HD 615	724	1268	NA	NA
Intel HD 630	1108	997	NA	NA
Intel HD 2000	213	1801	NA	NA
Intel HD 3000	255	1759	0.27	$945.00*
Intel HD 4000	344	1675	0.22	$1,592.95*
Intel HD 4400	520	1507	NA	NA
Intel HD 4600	631	1360	NA	NA
Intel HD 5000	576	1436	0.92	$625.00*
Intel HD 5200	830	1169	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Plus 640	1342	910	NA	NA
Intel Iris Plus 645	1727	792	NA	NA
Intel Iris Plus 650	1590	833	NA	NA
Intel Iris Plus 655	1745	784	NA	NA
Intel Iris Pro 580	1984	714	NA	NA
Intel Iris Pro 5200	1197	962	NA	NA
Intel Iris Pro 6100	925	1099	NA	NA
Intel Iris Pro Graphics 6200	1449	879	NA	NA
Intel Iris Pro P580	2231	658	NA	NA
Intel Iris Pro P6300	1625	817	NA	NA
Intel Iris Xe	2690	563	NA	NA
Intel Iris Xe MAX	1971	718	NA	NA
Intel Iris Xe MAX 100	1927	731	NA	NA
Intel Media Accelerator	32	2250	NA	NA
Intel Media Accelerator 500	3	2432	NA	NA
Intel Media Accelerator 600	6	2348	NA	NA
Intel Media Accelerator 3150	2	2450	NA	NA
Intel Media Accelerator HD	108	1993	NA	NA
Intel Poison Ivy	738	1256	NA	NA
Intel Q33 Express	5	2380	NA	NA
Intel Q35 Embedded	8	2335	NA	NA
Intel Q35 Express	88	2053	NA	NA
Intel Q45/Q43 Express Chipset	209	1808	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2150	NA	NA
Intel Q965/Q963 Express	191	1830	NA	NA
Intel Skylake HD DT GT2	576	1435	NA	NA
Intel UHD Graphics	1476	874	NA	NA
Intel UHD Graphics 600	324	1696	NA	NA
Intel UHD Graphics 605	369	1655	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Intel UHD Graphics 610	717	1277	NA	NA
Intel UHD Graphics 615	752	1238	NA	NA
Intel UHD Graphics 617	892	1122	NA	NA
Intel UHD Graphics 620	1041	1030	NA	NA
Intel UHD Graphics 630	1248	934	NA	NA
Intel UHD Graphics 710	1077	1014	NA	NA
Intel UHD Graphics 730	1627	816	NA	NA
Intel UHD Graphics 750	1742	785	NA	NA
Intel UHD Graphics 770	1850	754	NA	NA
Intel UHD Graphics P630	2241	655	NA	NA
Intel UHD Graphics P750	1726	793	NA	NA
Intel US15 Embedded Media and Controller	7	2345	NA	NA
ION	84	2064	0.37	$229.99*
ION LE	97	2027	NA	NA
M860G with Mobility Radeon 4100	75	2089	NA	NA
M880G with Mobility Radeon HD 4200	92	2041	NA	NA
M880G with Mobility Radeon HD 4225	71	2100	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox M9140 LP PCIe x16	23	2290	NA	NA
Matrox M9148 LP PCIe x16	40	2210	NA	NA
Matrox Millennium P650 PCIe 128	5	2376	NA	NA
Matrox Millennium P690 PCIe x16	366	1657	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2350	NA	NA
Matrox Parhelia 128MB	3	2434	0.01	$393.99*
Matrox Parhelia 256MB	9	2329	NA	NA
Matrox Parhelia APVe	5	2369	NA	NA
MEDION RADEON 9800 XXL	71	2099	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
MEDION RADEON X740XL	94	2034	NA	NA
MIRRORV3	1080	1012	NA	NA
Mobile Intel965 Express	17	2309	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2193	NA	NA
Mobile Intel 45 Express	43	2195	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	1960	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2476	NA	NA
Mobile Intel 945 Express	1	2477	NA	NA
Mobile Intel 945GM Express	5	2364	NA	NA
Mobile Intel 945GM/GU Express	5	2377	NA	NA
Mobile Intel 965 Express	49	2172	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2337	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2287	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2218	NA	NA
Mobile Intel HD	235	1778	0.49	$479.98*
Mobile Intel serie 4 Express	44	2192	NA	NA
MOBILITY FIREGL 7800	4	2391	NA	NA
MOBILITY FIREGL T2	40	2207	NA	NA
MOBILITY FIREGL T2/T2e	33	2244	NA	NA
MOBILITY FireGL V3200	62	2136	NA	NA
MOBILITY FireGL V5000	81	2073	NA	NA
MOBILITY FireGL V5200	44	2189	NA	NA
MOBILITY FireGL V5250	27	2269	NA	NA
Mobility FireGL V5725	219	1793	NA	NA
MOBILITY IGP 9000/9100	10	2328	NA	NA
Mobility Radeon 4100	81	2078	NA	NA
MOBILITY RADEON 7000 IGP	6	2356	NA	NA
MOBILITY RADEON 7500	3	2428	NA	NA
MOBILITY RADEON 9000	3	2438	NA	NA
MOBILITY RADEON 9000 IGP	7	2340	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2368	NA	NA
MOBILITY RADEON 9100 IGP	2	2449	NA	NA
MOBILITY RADEON 9200	3	2447	NA	NA
MOBILITY RADEON 9550	30	2260	NA	NA
MOBILITY RADEON 9600	36	2231	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2283	NA	NA
MOBILITY RADEON 9600/9700	39	2216	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 3870	547	1471	NA	NA
Mobility Radeon HD 3870 X2	477	1549	NA	NA
Mobility Radeon HD 4200	90	2049	NA	NA
Mobility Radeon HD 4225	66	2127	NA	NA
Mobility Radeon HD 4250	98	2023	NA	NA
Mobility Radeon HD 4270	92	2040	NA	NA
Mobility Radeon HD 4300 Serisi	73	2095	NA	NA
Mobility Radeon HD 4330	135	1912	NA	NA
Mobility Radeon HD 4350	148	1881	NA	NA
Mobility Radeon HD 4550	191	1831	NA	NA
Mobility Radeon HD 4570	139	1900	1.83	$75.90*
Mobility Radeon HD 4650	401	1629	NA	NA
Mobility Radeon HD 4670	463	1574	NA	NA
Mobility Radeon HD 4830	511	1516	NA	NA
Mobility Radeon HD 4850	866	1137	NA	NA
Mobility Radeon HD 4870	719	1272	NA	NA
Mobility Radeon HD 5000	773	1215	NA	NA
Mobility Radeon HD 5000 Serisi	478	1548	NA	NA
Mobility Radeon HD 5165	284	1730	NA	NA
Mobility Radeon HD 5430	181	1838	NA	NA
Mobility Radeon HD 5450	214	1800	NA	NA
Mobility Radeon HD 5470	236	1776	NA	NA
Mobility Radeon HD 5570	538	1487	NA	NA
Mobility Radeon HD 5650	449	1589	NA	NA
Mobility Radeon HD 5730	499	1529	NA	NA
Mobility Radeon HD 5850	763	1227	NA	NA
Mobility Radeon HD 5870	1093	1005	NA	NA
Mobility Radeon HD serie 4200	96	2031	NA	NA
MOBILITY RADEON X300	33	2243	NA	NA
MOBILITY RADEON X600	50	2169	NA	NA
MOBILITY RADEON X600 SE	49	2173	NA	NA
MOBILITY RADEON X700	66	2124	NA	NA
MOBILITY RADEON X700 XL	59	2138	NA	NA
Mobility Radeon X1300	39	2214	NA	NA
Mobility Radeon X1350	39	2212	NA	NA
Mobility Radeon X1400	42	2196	NA	NA
Mobility Radeon X1450	33	2247	NA	NA
Mobility Radeon X1600	92	2043	NA	NA
Mobility Radeon X1700	104	2004	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY RADEON X1800	130	1921	NA	NA
Mobility Radeon X1900	134	1913	NA	NA
Mobility Radeon X2300	48	2178	NA	NA
Mobility Radeon X2300 HD	48	2177	NA	NA
Mobility Radeon X2500	81	2072	NA	NA
MOBILITY RADEON XPRESS 200	27	2272	NA	NA
Mobility Radeon, HD 5470	215	1798	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 210M	139	1697	NA	NA
NVS 3100M	114	1970	NA	NA
NVS 4200M	270	1740	0.68	$399.00*
NVS 5100M	188	1832	NA	NA
NVS 5200M	514	1514	NA	NA
NVS 5400M	631	1359	NA	NA
OPAL XT/GL	1053	1023	NA	NA
P104-100	3807	445	12.69	$299.99*
P106-090	2342	627	NA	NA
P106-100	6466	287	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	810	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C6 Ryzen	1768	778	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1766	779	NA	NA
PHDGD Ivy 4	374	1651	NA	NA
PHDGD Ivy 5	445	1592	NA	NA
PHDGD Quantic C3	116	1962	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2276	NA	NA
PHDGD Solo 1.2.0 x86	11	2326	NA	NA
PHDGD Solo 2 x64	20	2298	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Q12U-1	5164	353	NA	NA
Quadro2 MXR/EX	4	2401	NA	NA
Quadro2 Pro	1	2484	NA	NA
Quadro4 380 XGL	6	2351	NA	NA
Quadro4 900 XGL	4	2384	NA	NA
Quadro4 980 XGL	5	2382	0.01	$341.43*
Quadro 280 NVS PCIe	5	2365	NA	NA
Quadro 400	148	1880	0.70	$211.00*
Quadro 410	441	1596	3.42	$129.00*
Quadro 500M	570	1446	2.07	$275.14*
Quadro 600	537	1489	7.08	$76.00*
Quadro 1000M	571	1445	10.48	$54.50*
Quadro 1100M	755	1234	NA	NA
Quadro 2000	946	1080	4.44	$213.23*
Quadro 2000 D	1239	938	NA	NA
Quadro 2000D	974	1064	6.96	$140.00*
Quadro 2000M	783	1207	3.41	$229.74*
Quadro 2100M	1100	1002	NA	NA
Quadro 3000M	1018	1038	14.55	$69.99*
Quadro 4000	1478	873	1.47	$1,008.09*
Quadro 4000M	1323	912	5.71	$232.06*
Quadro 5000	1923	733	2.17	$887.40
Quadro 5000M	2059	690	NA	NA
Quadro 5010M	1771	777	7.51	$235.95*
Quadro 6000	2701	560	0.66	$4,092.38*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1300	34	2238	NA	NA
Quadro FX 1400	124	1936	0.51	$245.01*
Quadro FX 1500	197	1824	1.71	$115.01*
Quadro FX 1500M	171	1850	NA	NA
Quadro FX 1600M	131	1920	0.87	$149.90*
Quadro FX 1700	139	1898	0.40	$350.14*
Quadro FX 1700M	172	1849	NA	NA
Quadro FX 1800	398	1632	2.95	$135.00*
Quadro FX 1800M	466	1564	NA	NA
Quadro FX 2000	18	2306	NA	NA
Quadro FX 2500M	217	1794	12.45	$17.50*
Quadro FX 2700	543	1480	NA	NA
Quadro FX 2700M	376	1648	3.77	$99.95*
Quadro FX 2800M	420	1615	2.22	$190.00*
Quadro FX 3000	69	2114	0.41	$166.61*
Quadro FX 3400/4400	104	2006	NA	NA
Quadro FX 3450	148	1879	1.24	$119.99*
Quadro FX 3450/4000 SDI	179	1842	NA	NA
Quadro FX 3500	259	1756	3.77	$68.98*
Quadro FX 3500M	306	1710	3.06	$99.99*
Quadro FX 3600M	466	1563	NA	NA
Quadro FX 3700	380	1644	1.79	$213.27*
Quadro FX 3700M	456	1583	0.49	$925.00*
Quadro FX 3800	799	1194	3.08	$259.13*
Quadro FX 3800M	605	1392	NA	NA
Quadro FX 4000	101	2018	NA	NA
Quadro FX 4500	226	1785	1.34	$169.00*
Quadro FX 4500 X2	236	1777	NA	NA
Quadro FX 4600	430	1603	1.29	$333.25*
Quadro FX 4700 X2	676	1315	NA	NA
Quadro FX 4800	991	1055	4.86	$204.00*
Quadro FX 5500	242	1770	0.12	$1,999.00*
Quadro FX 5600	525	1502	1.78	$295.00*
Quadro FX 5800	1223	950	4.46	$274.00*
Quadro FX Go1400	101	2016	NA	NA
Quadro GP100	15607	85	NA	NA
Quadro GV100	20021	44	2.22	$8,999.00*
Quadro K420	760	1229	2.83	$269.00*
Quadro K510M	610	1386	NA	NA
Quadro K600	744	1248	12.36	$60.24*
Quadro K610M	719	1273	3.00	$240.00*
Quadro K620	2240	656	1.10	$2,029.99*
Quadro K620M	1162	973	NA	NA
Quadro K1000M	785	1204	11.23	$69.95*
Quadro K1100M	1084	1008	3.36	$322.99*
Quadro K1200	2906	530	10.19	$285.29*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M1200	3265	497	NA	NA
Quadro M2000	3979	432	15.06	$264.24*
Quadro M2000M	3450	481	16.19	$213.16*
Quadro M2200	4301	415	17.21	$249.99*
Quadro M3000M	5511	325	34.46	$159.95*
Quadro M4000	6669	278	18.42	$362.00*
Quadro M4000M	6266	293	24.58	$254.91*
Quadro M5000	9389	199	18.82	$499.00*
Quadro M5000M	7011	268	12.82	$546.92*
Quadro M5500	7915	238	NA	NA
Quadro M6000	11741	154	2.43	$4,827.53*
Quadro M6000 24GB	11878	152	NA	NA
Quadro NVS 55/280 PCI	6	2359	NA	NA
Quadro NVS 110M	47	2181	NA	NA
Quadro NVS 120M	46	2183	NA	NA
Quadro NVS 130M	97	2030	NA	NA
Quadro NVS 135M	52	2159	NA	NA
Quadro NVS 140M	69	2113	NA	NA
Quadro NVS 150M	70	2105	NA	NA
Quadro NVS 160M	137	1905	NA	NA
Quadro NVS 210S	23	2288	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2297	NA	NA
Quadro NVS 280 PCI	8	2338	0.06	$130.00*
Quadro NVS 280 SD	2	2468	NA	NA
Quadro NVS 285	42	2200	0.25	$169.86*
Quadro NVS 285 128MB	38	2220	0.70	$55.00*
Quadro NVS 290	226	1786	3.83	$59.00*
Quadro NVS 295	79	2082	1.27	$63.00*
Quadro NVS 320M	208	1811	NA	NA
Quadro NVS 420	69	2108	0.47	$150.00*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Quadro NVS 440	37	2224	0.16	$228.87*
Quadro NVS 450	66	2123	0.42	$159.00*
Quadro NVS 510M	253	1763	NA	NA
Quadro P400	1600	831	7.96	$201.17*
Quadro P500	1602	829	NA	NA
Quadro P520	2107	679	1.41	$1,499.00*
Quadro P600	3269	496	15.22	$214.77
Quadro P620	3601	466	6.27	$574.55*
Quadro P1000	4434	405	15.29	$289.99*
Quadro P2000	6915	274	15.73	$439.60*
Quadro P2000 with Max-Q Design	5172	352	NA	NA
Quadro P2200	9375	200	20.39	$459.80*
Quadro P3000	6621	280	NA	NA
Quadro P3200	9100	205	23.38	$389.30*
Quadro P3200 with Max-Q Design	9113	204	NA	NA
Quadro P4000	11648	156	20.94	$556.19*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Qualcomm Adreno 8cx Gen 3	1934	728	NA	NA
Qualcomm Adreno 540 GPU	118	1956	NA	NA
Qualcomm Adreno 618 GPU	124	1934	NA	NA
Qualcomm Adreno 630 GPU	282	1731	NA	NA
Qualcomm Adreno 675 GPU	539	1485	NA	NA
Qualcomm Adreno 680 GPU	637	1346	NA	NA
Qualcomm Adreno 685 GPU	892	1121	NA	NA
Qualcomm Adreno 690 GPU	972	1067	NA	NA
QXL KMDOD	18	2301	NA	NA
Radeon 520	858	1140	9.54	$89.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon 530	1010	1044	NA	NA
Radeon 535	1071	1016	NA	NA
Radeon 535DX	806	1187	NA	NA
Radeon 540	1344	908	NA	NA
Radeon 540X	1402	896	NA	NA
Radeon 550	1772	776	23.63	$74.99
Radeon 550X	1494	864	NA	NA
Radeon 610M	1107	998	NA	NA
Radeon 610M Ryzen 9 7945HX	1624	819	NA	NA
Radeon 620	897	1118	NA	NA
Radeon 625	1090	1007	NA	NA
Radeon 630	1271	929	NA	NA
Radeon 680M Ryzen 7 7735HS	6179	298	NA	NA
Radeon 740M	3436	484	NA	NA
Radeon 760M	5493	326	NA	NA
Radeon 780M	7120	265	NA	NA
Radeon 2100	59	2139	0.31	$190.99*
Radeon 3000	98	2024	0.31	$319.00*
Radeon 3015e	364	1663	NA	NA
Radeon 3020e	465	1568	NA	NA
Radeon 3100	73	2093	0.41	$178.99
Radeon 6600M	518	1510	NA	NA
Radeon 6750M	911	1109	NA	NA
Radeon 7000 / Radeon VE	2	2457	NA	NA
RADEON 7000 / RADEON VE Family	3	2420	NA	NA
RADEON 7200	2	2452	0.00	$599.99*
RADEON 7500	3	2441	0.02	$177.25*
RADEON 7500 Family	4	2392	NA	NA
RADEON 8500 Family	6	2352	NA	NA
RADEON 9000	4	2396	NA	NA
RADEON 9000 Family	3	2430	NA	NA
RADEON 9100 Family	6	2358	NA	NA
RADEON 9100 IGP	5	2374	NA	NA
RADEON 9200	3	2427	0.02	$153.63*
RADEON 9200 LE Family	2	2461	NA	NA
RADEON 9200 PRO Family	2	2453	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Athlon Silver 3050U	680	1307	NA	NA
RADEON E2400	51	2163	NA	NA
RADEON E4690	405	1627	NA	NA
Radeon E6460	323	1697	NA	NA
Radeon E6465	231	1782	NA	NA
Radeon E6760	876	1132	3.65	$239.99*
Radeon E8860	1686	803	NA	NA
Radeon E8870PCIe	3368	489	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	881	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	608	NA	NA
Radeon Eng Sample: 100-000000285-40_Y	2365	619	NA	NA
Radeon Eng Sample: 100-000000287-40_Y	1861	751	NA	NA
Radeon Eng Sample: 100-000000300-40_Y	2670	567	NA	NA
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	581	NA	NA
Radeon HD4650	239	1772	1.57	$152.90*
Radeon HD4670	365	1658	NA	NA
RADEON HD6370D	320	1700	NA	NA
RADEON HD6410D	422	1612	NA	NA
RADEON HD6530D	531	1497	NA	NA
RADEON HD7450	199	1821	8.95	$22.25*
Radeon HD8530M	490	1539	NA	NA
Radeon HD8970M	3368	488	NA	NA
Radeon HD 2350	76	2086	NA	NA
Radeon HD 2400	120	1948	1.37	$88.20*
Radeon HD 2400 PCI	14	2316	NA	NA
Radeon HD 2400 Pro	114	1973	NA	NA
Radeon HD 2400 XT	118	1953	NA	NA
Radeon HD 2600 PRO	211	1804	1.12	$188.44*
Radeon HD 2600 Pro AGP	110	1988	NA	NA
Radeon HD 2600 XT	282	1732	1.78	$159.00*
Radeon HD 2900 GT	292	1722	NA	NA
Radeon HD 2900 PRO	627	1366	NA	NA
Radeon HD 2900 XT	659	1326	NA	NA
Radeon HD 3000	95	2032	NA	NA
Radeon HD 3200	82	2069	NA	NA
Radeon HD 3300	126	1931	NA	NA
Radeon HD 3450	158	1864	1.78	$89.00*
Radeon HD 3470	118	1955	1.08	$109.65*
Radeon HD 3650 AGP	150	1876	0.81	$185.00*
Radeon HD 3670	156	1868	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 3850	396	1633	NA	NA
Radeon HD 3850 AGP	432	1602	NA	NA
Radeon HD 3850 X2	822	1174	NA	NA
Radeon HD 3870	557	1462	7.96	$69.99*
Radeon HD 3870 X2	708	1285	NA	NA
Radeon HD 4200	111	1983	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 5670	798	1196	11.92	$67.00*
Radeon HD 5750	1161	975	16.59	$69.99*
Radeon HD 5770	1343	909	7.07	$189.99*
Radeon HD 5830	1730	790	6.68	$258.99*
Radeon HD 5850	1979	717	6.85	$288.99*
Radeon HD 5870	2217	663	7.52	$295.00*
Radeon HD 5970	2307	634	12.82	$179.99*
Radeon HD 6230	179	1843	NA	NA
Radeon HD 6250	93	2037	NA	NA
Radeon HD 6290	105	2002	NA	NA
Radeon HD 6290M	140	1895	NA	NA
Radeon HD 6300M	143	1890	NA	NA
Radeon HD 6310	122	1943	NA	NA
Radeon HD 6320	148	1882	0.27	$554.99*
Radeon HD 6320 Graphic	216	1797	NA	NA
Radeon HD 6320M	198	1823	NA	NA
RADEON HD 6350	140	1892	2.39	$59.00*
Radeon HD 6370D	254	1761	NA	NA
Radeon HD 6370M	275	1739	NA	NA
Radeon HD 6380G	200	1819	0.50	$399.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 6410D	238	1774	NA	NA
Radeon HD 6430M	192	1828	NA	NA
Radeon HD 6450	198	1822	2.23	$89.00*
Radeon HD 6450 + 8470D Dual	762	1228	NA	NA
Radeon HD 6450A	260	1753	NA	NA
Radeon HD 6470M	227	1784	0.40	$569.99*
Radeon HD 6480G	260	1754	NA	NA
Radeon HD 6480M	353	1669	NA	NA
Radeon HD 6490M	377	1647	0.32	$1,193.03*
Radeon HD 6520G	298	1718	NA	NA
Radeon HD 6530D	337	1683	NA	NA
Radeon HD 6550A	707	1286	NA	NA
Radeon HD 6550D	403	1628	NA	NA
Radeon HD 6570	559	1458	8.61	$64.99*
Radeon HD 6610M	565	1453	NA	NA
Radeon HD 6620G	351	1672	NA	NA
Radeon HD 6630M	684	1304	NA	NA
Radeon HD 6650A	835	1159	NA	NA
Radeon HD 6650M	753	1236	NA	NA
Radeon HD 6670	729	1263	10.57	$68.99*
Radeon HD 6670 + 6670 Dual	646	1340	NA	NA
Radeon HD 6670 + 7660D Dual	1492	865	NA	NA
Radeon HD 6670/7670	945	1082	NA	NA
Radeon HD 6700M	1016	1040	NA	NA
Radeon HD 6750	1043	1029	13.04	$79.99*
Radeon HD 6750M	937	1090	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7420G	308	1708	NA	NA
Radeon HD 7450	223	1787	4.48	$49.99*
Radeon HD 7450A	288	1726	NA	NA
Radeon HD 7450M	329	1692	NA	NA
Radeon HD 7470	289	1725	3.55	$81.37*
Radeon HD 7470M	407	1624	NA	NA
Radeon HD 7480D	281	1735	NA	NA
Radeon HD 7500G	301	1714	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1380	NA	NA
Radeon HD 7500G + 7550M Dual	497	1533	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1668	NA	NA
Radeon HD 7520G	315	1704	NA	NA
Radeon HD 7520G + 7400M Dual	486	1544	NA	NA
Radeon HD 7520G + 7470M Dual	542	1481	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1428	NA	NA
Radeon HD 7520G + 7600M Dual	591	1413	NA	NA
Radeon HD 7520G + 7610M Dual	588	1419	NA	NA
Radeon HD 7520G + 7650M Dual	453	1586	NA	NA
Radeon HD 7520G + 7670M Dual	523	1506	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1020	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1706	NA	NA
Radeon HD 7520G + 8750M Dual	376	1649	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1477	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1165	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1590	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1535	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1440	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1371	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1333	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1442	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1661	NA	NA
Radeon HD 7540D	330	1689	NA	NA
Radeon HD 7540D + 6570 Dual	719	1274	NA	NA
Radeon HD 7540D + 7500 Dual	821	1175	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1344	NA	NA
Radeon HD 7550M	464	1569	NA	NA
Radeon HD 7550M/7650M	728	1265	NA	NA
Radeon HD 7560D	462	1575	NA	NA
Radeon HD 7560D + 6450 Dual	568	1450	NA	NA
Radeon HD 7560D + 6570 Dual	833	1162	NA	NA
Radeon HD 7560D + 6670 Dual	1130	985	NA	NA
Radeon HD 7560D + 7560D Dual	982	1061	NA	NA
Radeon HD 7560D + 7570 Dual	985	1056	NA	NA
Radeon HD 7560D + 7670 Dual	1426	889	NA	NA
Radeon HD 7560D + 7700 Dual	1919	735	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1501	NA	NA
Radeon HD 7600M + 7600M Dual	773	1213	NA	NA
Radeon HD 7610M	632	1355	NA	NA
Radeon HD 7620G	359	1666	NA	NA
Radeon HD 7620G + 8600M Dual	508	1519	NA	NA
Radeon HD 7620G + 8670M Dual	577	1434	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1594	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1521	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1588	NA	NA
Radeon HD 7640G	460	1577	NA	NA
Radeon HD 7640G + 6400M Dual	526	1500	NA	NA
Radeon HD 7640G + 7400M Dual	637	1348	NA	NA
Radeon HD 7640G + 7450M Dual	754	1235	NA	NA
Radeon HD 7640G + 7470M Dual	595	1406	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1367	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1212	NA	NA
Radeon HD 7640G + 7600M Dual	705	1288	NA	NA
Radeon HD 7640G + 7610M Dual	510	1517	NA	NA
Radeon HD 7640G + 7650M Dual	747	1243	NA	NA
Radeon HD 7640G + 7670M Dual	644	1343	NA	NA
Radeon HD 7640G + 7690M Dual	945	1083	NA	NA
Radeon HD 7640G + 7700M Dual	690	1299	NA	NA
Radeon HD 7640G + 8500M Dual	585	1425	NA	NA
Radeon HD 7640G + 8570M Dual	558	1461	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1301	NA	NA
Radeon HD 7640G + 8600M Dual	249	1766	NA	NA
Radeon HD 7640G + 8670M Dual	558	1460	NA	NA
Radeon HD 7640G + 8750M Dual	654	1329	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1373	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1610	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 7640G + HD 7600M Dual	704	1291	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1625	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1509	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1417	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1361	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1390	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1320	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1557	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1422	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1312	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1052	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1457	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1173	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1310	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1613	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + 8670M Dual	587	1421	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1049	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1230	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1051	NA	NA
Radeon HD 7660G + HD 7600M Dual	523	1505	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1578	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1287	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1211	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1131	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1231	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 7660G + HD 8600/8700M Dual	747	1245	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1664	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1284	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1269	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1290	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1070	NA	NA
Radeon HD 7670	820	1177	NA	NA
Radeon HD 7670A	1050	1024	NA	NA
Radeon HD 7670M	473	1558	0.75	$629.99*
Radeon HD 7670M + 7670M Dual	738	1258	NA	NA
Radeon HD 7690M	1003	1048	NA	NA
Radeon HD 7690M XT	1009	1045	NA	NA
Radeon HD 7700-serie	1899	739	NA	NA
Radeon HD 7730	1208	954	5.19	$232.70*
Radeon HD 7730M	749	1240	NA	NA
Radeon HD 7750	1697	802	15.43	$110.00
Radeon HD 7750M	1191	963	NA	NA
Radeon HD 7770	2170	667	7.23	$300.00*
Radeon HD 7790	3090	516	22.07	$139.99*
Radeon HD 7800-serie	4029	427	NA	NA
Radeon HD 7850	3854	440	22.67	$169.99*
Radeon HD 7850M	1372	900	NA	NA
Radeon HD 7870	4640	388	26.37	$176.00*
Radeon HD 7870 XT	4469	401	NA	NA
Radeon HD 7870M	1507	861	NA	NA
Radeon HD 7950 / R9 280	4764	381	36.04	$132.20*
Radeon HD 7970 / R9 280X	5247	342	21.25	$246.99*
Radeon HD 7970M	3846	442	NA	NA
Radeon HD 7990	5565	320	13.91	$399.99*
Radeon HD 8180	138	1902	NA	NA
Radeon HD 8210	186	1836	NA	NA
Radeon HD 8210E	193	1827	NA	NA
Radeon HD 8240	238	1773	NA	NA
Radeon HD 8250	217	1795	NA	NA
Radeon HD 8280	260	1752	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8470D + 6570 Dual	837	1156	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1138	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	883	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	846	NA	NA
Radeon HD 8490	263	1750	2.92	$89.99*
Radeon HD 8500M	411	1619	NA	NA
Radeon HD 8500M/8700M	852	1146	NA	NA
Radeon HD 8510G	365	1660	NA	NA
Radeon HD 8510G + 8500M Dual	596	1404	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1363	NA	NA
Radeon HD 8550D	566	1451	NA	NA
Radeon HD 8550G	409	1621	NA	NA
Radeon HD 8550G + 7600M Dual	901	1112	NA	NA
Radeon HD 8550G + 8500M Dual	602	1398	NA	NA
Radeon HD 8550G + 8570M Dual	532	1494	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1190	NA	NA
Radeon HD 8550G + 8600M Dual	617	1378	NA	NA
Radeon HD 8550G + 8670M Dual	579	1430	NA	NA
Radeon HD 8550G + 8690M Dual	664	1323	NA	NA
Radeon HD 8550G + 8750M Dual	795	1199	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	1142	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1459	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1499	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1330	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1409	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	1473	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1179	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1376	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1542	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1384	NA	NA
Radeon HD 8570	961	1074	9.74	$98.68*
Radeon HD 8570 + 8670D Dual	620	1374	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1078	NA	NA
Radeon HD 8570D	439	1598	NA	NA
Radeon HD 8570D + 6570 Dual	1239	939	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1031	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1652	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1136	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	932	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1237	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 8570D + HD 7700 Dual	1834	760	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1682	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1032	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1562	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1050	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + HD 8570M Dual	716	1281	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1226	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1391	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1232	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1426	NA	NA
Radeon HD 8650G + HD 8750M Dual	778	1210	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1193	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1270	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1303	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1214	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1198	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1309	NA	NA
Radeon HD 8670D	532	1493	NA	NA
Radeon HD 8670D + 6670 Dual	1361	904	NA	NA
Radeon HD 8670D + 7000 Dual	811	1184	NA	NA
Radeon HD 8670D + 7700 Dual	1788	774	NA	NA
Radeon HD 8670D + 8570 Dual	974	1065	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	952	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1276	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	914	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 8670D + HD 7700 Dual	1892	740	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1157	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1246	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1077	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1037	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1541	NA	NA
Radeon HD 8670M	520	1508	NA	NA
Radeon HD 8690A	490	1540	NA	NA
Radeon HD 8690M	984	1058	NA	NA
Radeon HD 8730M	747	1244	NA	NA
Radeon HD 8750M	963	1073	NA	NA
Radeon HD 8790M	1305	922	NA	NA
Radeon HD 8790M / R9 M290X	1210	953	NA	NA
Radeon HD 8850M	973	1066	NA	NA
Radeon HD 8850M / R9 M265X	1139	981	NA	NA
Radeon HD 8870M	1638	814	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	772	NA	NA
Radeon HD 8950	2696	561	NA	NA
Radeon HD 8970M	3876	438	27.69	$139.99*
Radeon HD 8990	5214	346	NA	NA
Radeon HD HD7850M	1651	811	NA	NA
Radeon HDG 4670	170	1851	NA	NA
RADEON IGP 34xM	1	2479	NA	NA
RADEON IGP 320	3	2422	NA	NA
Radeon IGP 320M	3	2429	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Duo	8296	227	2.09	$3,970.36*
Radeon PRO Ryzen 5 PRO 6650U	4066	425	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5691	313	NA	NA
Radeon Pro SSG	10497	169	4.36	$2,410.15*
Radeon Pro V340 MxGPU	2853	534	NA	NA
Radeon Pro V520 MxGPU	12257	148	NA	NA
Radeon Pro Vega 16	4809	376	NA	NA
Radeon Pro Vega 20	5299	340	NA	NA
Radeon Pro Vega 48	11299	162	NA	NA
Radeon Pro Vega 56	12353	145	NA	NA
Radeon Pro Vega 64	12984	131	NA	NA
Radeon Pro Vega II	15667	84	NA	NA
Radeon Pro VII	15441	92	NA	NA
Radeon Pro W5500	9133	203	22.28	$409.99*
Radeon Pro W5500M	2010	702	NA	NA
Radeon Pro W5700	15438	93	23.75	$649.99*
Radeon PRO W6400	7949	236	NA	NA
Radeon PRO W6600	16075	80	NA	NA
Radeon PRO W6600X	13113	129	NA	NA
Radeon PRO W6800	19967	46	10.79	$1,849.99*
Radeon PRO W7600	17632	66	NA	NA
Radeon PRO W7800	29139	7	NA	NA
Radeon PRO W7900	30322	5	NA	NA
Radeon Pro WX 2100	1820	764	NA	NA
Radeon Pro WX 3100	2509	595	NA	NA
Radeon Pro WX 3200	2421	605	13.51	$179.31
Radeon Pro WX 4100	3769	449	7.54	$499.99*
Radeon Pro WX 4130	1928	730	NA	NA
Radeon Pro WX 4150	2380	616	3.90	$610.04*
Radeon Pro WX 4170	1409	893	NA	NA
Radeon Pro WX 5100	5605	315	15.57	$359.99*
Radeon Pro WX 7100	7896	240	7.53	$1,047.99*
Radeon Pro WX 7130	6577	282	NA	NA
Radeon Pro WX 8200	13931	108	8.71	$1,599.39*
Radeon Pro WX 9100	12960	134	NA	NA
Radeon Pro WX Vega M GL	4643	387	NA	NA
Radeon R1E	301	1715	NA	NA
Radeon R2	240	1771	NA	NA
Radeon R2E	212	1803	NA	NA
Radeon R3	303	1713	NA	NA
Radeon R3E	205	1813	NA	NA
Radeon R4	333	1687	0.84	$396.99*
Radeon R4E	487	1543	NA	NA
Radeon R5 220	133	1917	1.56	$85.26*
Radeon R5 230	221	1790	2.74	$81.10*
Radeon R5 235	341	1676	5.68	$60.13*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A10-9630P 4C+6G	977	1063	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	825	1172	NA	NA
Radeon R5 A240	576	1437	NA	NA
Radeon R5 M230	413	1618	NA	NA
Radeon R5 M240	424	1608	NA	NA
Radeon R5 M255	532	1495	NA	NA
Radeon R5 M315	473	1559	NA	NA
Radeon R5 M320	439	1597	NA	NA
Radeon R5 M330	595	1405	NA	NA
Radeon R5 M335	548	1470	NA	NA
Radeon R5 M420	500	1528	NA	NA
Radeon R5 M430	648	1338	NA	NA
Radeon R5 M435	801	1191	NA	NA
Radeon R5 Opteron X3216	394	1635	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1520	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	472	1560	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1300	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1150	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1057	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1347	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	799	1192	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1004	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	832	1164	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1297	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1622	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1220	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1327	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1456	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1295	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	631	1357	NA	NA
Radeon R5E	296	1719	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R6	617	1379	NA	NA
Radeon R6 + R7 M265DX Dual	570	1448	NA	NA
Radeon R6 A8-8600P	474	1555	NA	NA
Radeon R6 A10-8700P	534	1491	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1068	NA	NA
Radeon R6 M255DX	605	1393	NA	NA
Radeon R6 Opteron X3418	955	1076	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1496	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1414	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1488	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	540	1484	NA	NA
Radeon R7 240	891	1126	8.10	$109.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7500 4C+6G	853	1145	NA	NA
Radeon R7 A8-7600	784	1205	NA	NA
Radeon R7 A8-7650K	732	1261	NA	NA
Radeon R7 A8-7670K	848	1149	NA	NA
Radeon R7 A8-7680	821	1176	NA	NA
Radeon R7 A8-8650	912	1106	NA	NA
Radeon R7 A8-9600 RADEON	833	1163	NA	NA
Radeon R7 A10 Extreme Edition	816	1181	NA	NA
Radeon R7 A10 PRO-7800B	835	1160	NA	NA
Radeon R7 A10 PRO-7850B	882	1130	NA	NA
Radeon R7 A10-7700K	787	1202	NA	NA
Radeon R7 A10-7800	718	1275	NA	NA
Radeon R7 A10-7850K	980	1062	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R7 A10-7860K	929	1095	NA	NA
Radeon R7 A10-7870K	1129	986	NA	NA
Radeon R7 A10-7890K	850	1147	NA	NA
Radeon R7 A10-8750	843	1152	NA	NA
Radeon R7 A10-8850	773	1216	NA	NA
Radeon R7 A10-9700 RADEON	924	1101	NA	NA
Radeon R7 A10-9700E RADEON	1108	996	NA	NA
Radeon R7 A12-9700P RADEON	740	1254	1.70	$435.92*
Radeon R7 A12-9720P RADEON	735	1260	2.01	$365.48*
Radeon R7 A12-9730P RADEON	1047	1026	NA	NA
Radeon R7 A12-9800 RADEON	1118	993	NA	NA
Radeon R7 A12-9800E RADEON	891	1123	6.41	$139.19*
Radeon R7 A265	993	1054	NA	NA
Radeon R7 A360	619	1375	NA	NA
Radeon R7 A365	781	1209	NA	NA
Radeon R7 A370	1281	928	NA	NA
Radeon R7 FX-8800P	840	1154	NA	NA
Radeon R7 FX-9800P RADEON	740	1255	1.40	$530.00*
Radeon R7 FX-9830P RADEON	1475	875	NA	NA
Radeon R7 G	869	1135	NA	NA
Radeon R7 M260	491	1538	0.61	$799.00*
Radeon R7 M260DX	816	1180	NA	NA
Radeon R7 M260X	1008	1046	NA	NA
Radeon R7 M265	543	1479	NA	NA
Radeon R7 M265DX	498	1530	NA	NA
Radeon R7 M270	766	1225	NA	NA
Radeon R7 M340	662	1324	NA	NA
Radeon R7 M350	1134	983	NA	NA
Radeon R7 M360	570	1447	NA	NA
Radeon R7 M365X	768	1223	NA	NA
Radeon R7 M370	1417	891	NA	NA
Radeon R7 M380	1668	806	NA	NA
Radeon R7 M440	898	1116	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 PRO A12-9800E	942	1086	NA	NA
Radeon R7E	564	1454	NA	NA
Radeon R8 M365DX	590	1415	NA	NA
Radeon R8 M445DX	795	1200	NA	NA
Radeon R8 M535DX	670	1316	NA	NA
Radeon R9 255	1456	877	4.23	$344.16*
Radeon R9 260	3181	507	NA	NA
Radeon R9 270	4306	414	NA	NA
Radeon R9 270 / R7 370	4259	417	19.98	$213.16*
Radeon R9 270X	4913	369	15.05	$326.50*
Radeon R9 280	5583	316	NA	NA
Radeon R9 280X	6228	295	NA	NA
Radeon R9 285 / 380	5549	321	11.44	$485.00*
Radeon R9 290	8356	224	NA	NA
Radeon R9 290 / 390	8150	231	21.45	$380.00*
Radeon R9 290X	8659	216	NA	NA
Radeon R9 290X / 390X	8389	222	26.22	$319.99*
Radeon R9 295X2	8637	218	17.31	$499.10*
Radeon R9 350	2018	700	6.75	$299.00*
Radeon R9 360	3031	520	22.64	$133.89*
Radeon R9 370	4722	385	29.51	$159.99*
Radeon R9 380	6200	297	68.90	$89.99*
Radeon R9 380X	6231	294	17.80	$349.99*
Radeon R9 390	8990	209	NA	NA
Radeon R9 390X	9446	195	NA	NA
Radeon R9 Fury	9605	190	21.68	$443.10*
Radeon R9 Fury + Fury X	9741	186	21.65	$449.99*
Radeon R9 Fury X	10017	181	NA	NA
Radeon R9 M265X	1126	987	NA	NA
Radeon R9 M270X	1204	959	NA	NA
Radeon R9 M275	1114	994	1.59	$699.99*
Radeon R9 M275X	1537	853	NA	NA
Radeon R9 M275X / M375	1574	839	NA	NA
Radeon R9 M280X	813	1183	NA	NA
Radeon R9 M290X	3226	502	NA	NA
Radeon R9 M295X	5150	355	3.55	$1,449.00*
Radeon R9 M360	1842	755	NA	NA
Radeon R9 M365X	1481	871	NA	NA
Radeon R9 M370X	1521	856	1.71	$889.00*
Radeon R9 M375	957	1075	NA	NA
Radeon R9 M375X	1720	797	NA	NA
Radeon R9 M380	2770	544	NA	NA
Radeon R9 M385	2060	689	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M385X	1993	709	NA	NA
Radeon R9 M390X	3346	492	NA	NA
Radeon R9 M395	5023	363	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5500M	5415	330	NA	NA
Radeon RX 5600	11507	159	NA	NA
Radeon RX 5600 OEM	12229	149	NA	NA
Radeon RX 5600 XT	13759	114	25.25	$545.00*
Radeon RX 5600M	8325	226	NA	NA
Radeon RX 5700	14588	103	47.06	$309.99*
Radeon RX 5700 XT	16769	72	32.38	$517.94*
Radeon RX 5700 XT 50th Anniversary	16615	74	NA	NA
Radeon RX 6300	6544	286	NA	NA
Radeon RX 6400	7450	257	48.55	$153.46
Radeon RX 6500	7713	248	NA	NA
Radeon RX 6500 XT	9486	193	49.93	$189.99
Radeon RX 6500M	7910	239	NA	NA
Radeon RX 6550M	9668	187	NA	NA
Radeon RX 6600	15127	95	45.98	$329.00*
Radeon RX 6600 XT	16461	77	62.60	$262.99
Radeon RX 6600M	13599	119	68.00	$199.99
Radeon RX 6600S	14896	98	NA	NA
Radeon RX 6650 XT	17440	69	67.08	$259.99
Radeon RX 6650M	13676	116	NA	NA
Radeon RX 6700	18749	57	NA	NA
Radeon RX 6700 XT	19880	47	58.48	$339.99
Radeon RX 6700M	13283	126	49.20	$269.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6700S	14890	99	NA	NA
Radeon RX 6750 XT	20880	40	48.27	$432.62
Radeon RX 6800	22304	31	57.19	$389.99
Radeon RX 6800 XT	25124	19	44.08	$569.99
Radeon RX 6800M	13180	128	NA	NA
Radeon RX 6800S	15465	91	NA	NA
Radeon RX 6850M	12274	147	NA	NA
Radeon RX 6850M XT	18417	61	NA	NA
Radeon RX 6900 XT	26950	12	29.08	$926.63
Radeon RX 6950 XT	28488	10	33.05	$861.88
Radeon RX 7600	16122	79	62.01	$259.99
Radeon RX 7600M XT	10438	173	NA	NA
Radeon RX 7600S	13727	115	NA	NA
Radeon RX 7700 XT	21454	37	49.90	$429.99
Radeon RX 7700S	15142	94	NA	NA
Radeon RX 7800 XT	23764	22	45.70	$519.99
Radeon RX 7900 GRE	24853	20	NA	NA
Radeon RX 7900 XT	28899	8	36.12	$799.99
Radeon RX 7900 XTX	31070	4	31.71	$979.99
Radeon RX 7900M	22088	33	NA	NA
Radeon RX Vega11	1605	827	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1356	905	NA	NA
Radeon RX Vega 8	1487	867	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 5500U	2122	674	NA	NA
Radeon Ryzen 5 5560U	2001	707	NA	NA
Radeon Ryzen 5 5600GE	2519	593	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Ryzen 5 5600H	2419	607	NA	NA
Radeon Ryzen 5 5600U	2094	684	NA	NA
Radeon Ryzen 5 5625U	2164	669	NA	NA
Radeon Ryzen 5 6600H	4014	429	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3851	441	NA	NA
Radeon Ryzen 5 6600U	3565	470	NA	NA
Radeon Ryzen 5 7530U	2223	661	NA	NA
Radeon Ryzen 5 7535HS	4155	421	NA	NA
Radeon Ryzen 5 7535U	3791	448	NA	NA
Radeon Ryzen 5 7600 6-Core	1986	712	NA	NA
Radeon Ryzen 5 7600X 6-Core	1725	794	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2089	685	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	617	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	620	NA	NA
Radeon Ryzen 5 PRO 5650G	2296	638	NA	NA
Radeon Ryzen 5 PRO 5650GE	2287	641	NA	NA
Radeon Ryzen 5 PRO 5675U	1821	763	NA	NA
Radeon Ryzen 5 PRO 6650U	3671	461	NA	NA
Radeon Ryzen 7 3700U	1433	884	NA	NA
Radeon Ryzen 7 4700G	2592	580	NA	NA
Radeon Ryzen 7 4700GE	2610	574	NA	NA
Radeon Ryzen 7 4700U	2054	693	NA	NA
Radeon Ryzen 7 4800H	3798	447	NA	NA
Radeon Ryzen 7 4800HS	4817	375	NA	NA
Radeon Ryzen 7 4800U	2298	637	NA	NA
Radeon Ryzen 7 5700U	2291	640	NA	NA
Radeon Ryzen 7 5800H	2776	543	NA	NA
Radeon Ryzen 7 5800HS	2687	564	NA	NA
Radeon Ryzen 7 5800U	2406	612	NA	NA
Radeon Ryzen 7 5825U	2388	615	NA	NA
Radeon Ryzen 7 6800H	5432	327	NA	NA
Radeon Ryzen 7 6800HS	6566	284	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5385	331	NA	NA
Radeon Ryzen 7 6800U	4539	395	NA	NA
Radeon Ryzen 7 7700 8-Core	1717	799	NA	NA
Radeon Ryzen 7 7700X 8-Core	2356	624	NA	NA
Radeon Ryzen 7 7730U	2495	598	NA	NA
Radeon Ryzen 7 7735H	5609	314	NA	NA
Radeon Ryzen 7 7735HS	5371	333	NA	NA
Radeon Ryzen 7 7735U	5156	354	NA	NA
Radeon Ryzen 7 7736U	5790	309	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1728	791	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2283	642	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen Embedded R2544	1864	749	NA	NA
Radeon Ryzen Embedded V2516	1527	854	NA	NA
Radeon Ryzen Embedded V2718	1998	708	NA	NA
Radeon Ryzen Embedded V2748	1842	756	NA	NA
Radeon Sky 500	4763	382	NA	NA
Radeon TM R9 A360	2105	681	NA	NA
Radeon VE	2	2472	NA	NA
Radeon Vega 2	506	1523	NA	NA
Radeon Vega 3	891	1125	0.33	$2,677.99*
Radeon Vega 3 3020e	604	1396	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1028	NA	NA
Radeon Vega 3 Athlon 300U	891	1124	NA	NA
Radeon Vega 3 Athlon 320GE	714	1282	NA	NA
Radeon Vega 3 Athlon 3000G	1018	1039	NA	NA
Radeon Vega 3 Athlon Gold 3150U	594	1407	NA	NA
Radeon Vega 3 Athlon Silver 3050e	552	1467	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1141	NA	NA
Radeon Vega 3 Mobile	1025	1036	NA	NA
Radeon Vega 3 Ryzen 3 3200U	844	1151	NA	NA
Radeon Vega 3 Ryzen 3 3250U	805	1189	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1667	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	771	1219	NA	NA
Radeon Vega 6	1309	920	0.73	$1,799.99*
Radeon Vega 6 Ryzen 3 3300U	1301	923	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1526	855	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1403	895	NA	NA
Radeon Vega 8	1585	834	12.50	$126.86*
Radeon Vega 8 Mobile	1414	892	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1933	729	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1741	786	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1622	821	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1240	937	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1396	897	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Vega 8 Ryzen 5 3550H	1672	805	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1405	894	NA	NA
Radeon Vega 9	1581	837	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1287	927	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1465	876	NA	NA
Radeon Vega 10	1568	844	NA	NA
Radeon Vega 10 Mobile	1481	872	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1621	822	NA	NA
Radeon Vega 11	1819	767	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2023	699	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1960	721	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1854	752	NA	NA
Radeon Vega Frontier Edition	13388	124	7.97	$1,679.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X850 XT Platinum Edition	81	2071	NA	NA
Radeon X1050	49	2174	NA	NA
Radeon X1200	32	2252	NA	NA
Radeon X1250	37	2225	NA	NA
Radeon X1270	31	2258	NA	NA
Radeon X1300	58	2146	0.61	$95.78*
Radeon X1300 PRO	84	2063	NA	NA
Radeon X1550	66	2126	0.43	$155.00*
Radeon X1550 64-bit	47	2180	NA	NA
Radeon X1600	49	2171	NA	NA
Radeon X1600 Pro	98	2020	NA	NA
Radeon X1600 Pro / X1300XT	69	2112	NA	NA
Radeon X1600 XT	115	1965	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon X1650 GTO	74	2090	NA	NA
Radeon X1650 Pro	84	2060	0.53	$160.89*
Radeon X1650 SE	71	2102	NA	NA
Radeon X1700 Targa Edition	116	1963	NA	NA
Radeon X1800 GTO	140	1894	NA	NA
Radeon X1900 CrossFire Edition	137	1908	NA	NA
Radeon X1900 GT	145	1887	NA	NA
Radeon X1950 CrossFire Edition	151	1873	NA	NA
Radeon X1950 GT	106	1997	NA	NA
Radeon X1950 Pro	112	1976	NA	NA
RADEON XPRESS 200	29	2265	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2305	NA	NA
RADEON XPRESS 200M	22	2295	NA	NA
Radeon Xpress 1100	34	2242	NA	NA
Radeon Xpress 1150	29	2263	NA	NA
Radeon Xpress 1200	35	2233	NA	NA
Radeon Xpress 1250	42	2198	NA	NA
Radeon Xpress 1270	26	2274	NA	NA
Radeon Xpress 1300	52	2158	NA	NA
Radeon Xpress 1300M	40	2209	NA	NA
RadeonT 610M	1225	949	NA	NA
RadeonT 680M Ryzen 7 7735HS	4158	419	NA	NA
RadeonT 780M	7005	270	NA	NA
RadeonT RX 6850M XT	13847	110	NA	NA
Rage 128 Pro	1	2481	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2483	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2444	NA	NA
Red Hat QXL controller	31	2256	NA	NA
RGH Drivers v3	11	2325	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2421	NA	NA
RIVA TNT2/TNT2 Pro	3	2433	NA	NA
RTX 2000 Ada Generation Laptop GPU	15505	89	NA	NA
RTX 3000 Ada Generation Laptop GPU	18569	59	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX A5000 Laptop GPU	15899	83	NA	NA
RTX A5500	21030	38	9.69	$2,169.99*
RTX A5500 Laptop GPU	17581	68	NA	NA
RTX A6000	22897	27	5.57	$4,109.99*
RV530 PRO	118	1954	NA	NA
Ryzen 3 4300G with Radeon Graphics	2040	695	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2251	653	NA	NA
Ryzen 3 4300U with Radeon Graphics	1348	906	NA	NA
Ryzen 3 5300G with Radeon Graphics	1940	726	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2004	706	NA	NA
Ryzen 3 5300U with Radeon Graphics	1545	847	NA	NA
Ryzen 3 5400U with Radeon Graphics	1625	818	NA	NA
Ryzen 3 5425U with Radeon Graphics	1677	804	NA	NA
Ryzen 3 7330U with Radeon Graphics	1758	780	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	783	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	848	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2163	670	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1888	741	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1541	849	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2331	629	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2234	657	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	830	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	886	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	713	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	863	NA	NA
Ryzen 5 4500U with Radeon Graphics	1817	769	NA	NA
Ryzen 5 4600G with Radeon Graphics	2368	618	NA	NA
Ryzen 5 4600H with Radeon Graphics	2270	648	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	223	NA	NA
Ryzen 5 4600U with Radeon Graphics	1884	742	NA	NA
Ryzen 5 5500U with Radeon Graphics	2008	703	NA	NA
Ryzen 5 5560U with Radeon Graphics	2114	677	NA	NA
Ryzen 5 5600G with Radeon Graphics	2577	583	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	577	NA	NA
Ryzen 5 5600H with Radeon Graphics	2410	611	NA	NA
Ryzen 5 5600U with Radeon Graphics	2181	666	NA	NA
Ryzen 5 5625U with Radeon Graphics	1990	711	NA	NA
Ryzen 5 6600HS Creator Edition	3685	459	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	501	NA	NA
Ryzen 5 7530U with Radeon Graphics	2355	625	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	473	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	635	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	880	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Ryzen 5 PRO 4500U with Radeon Graphics	2007	704	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2413	609	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2101	683	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 6800HS	5237	344	NA	NA
Ryzen 7 6800HS Creator Edition	5345	335	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6867	275	NA	NA
Ryzen 7 6800U	5006	364	NA	NA
Ryzen 7 6800U with Radeon Graphics	4844	371	NA	NA
Ryzen 7 7730U with Radeon Graphics	2399	614	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5306	339	NA	NA
Ryzen 7 Extreme Edition	2226	660	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	565	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	585	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	697	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2420	606	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2546	586	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2266	650	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	688	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	453	NA	NA
Ryzen 7 PRO 6850U	5580	317	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5042	362	NA	NA
Ryzen 7 PRO 6860Z	5076	357	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4788	377	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2634	572	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	319	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2908	529	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Ryzen 9 6900HS	8005	235	NA	NA
Ryzen 9 6900HS with Radeon Graphics	6331	291	NA	NA
Ryzen 9 6900HX	5415	329	NA	NA
Ryzen 9 6900HX with Radeon Graphics	4679	386	NA	NA
Ryzen 9 PRO 6950H	5758	310	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	358	NA	NA
S3 5400EW	146	1885	NA	NA
S3 Chrome 430 ULP	39	2215	NA	NA
S3 Chrome S25 DDR2	18	2302	NA	NA
S3 Chrome S27 DDR3	33	2245	NA	NA
S3 Inc. Savage4	3	2442	NA	NA
S3 ProSavageDDR	1	2480	NA	NA
S3 SuperSavage/IXC 1014	1	2474	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2378	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2182	NA	NA
Sapphire RADEON X800 GT	112	1979	NA	NA
SAPPHIRE Radeon X1550	61	2137	NA	NA
Seria Mobility Radeon HD 3400	124	1933	NA	NA
Seria Radeon HD 7700	1603	828	NA	NA
SUMO 964A	497	1532	NA	NA
SUMO 9640	650	1336	NA	NA
SUMO 9644	465	1566	NA	NA
Surface Duo Adreno 640 GPU	592	1410	NA	NA

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