

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 chart it appears in and will highlight it for you.

Single Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is be
<u>256MB DDR Radeon 9800 XT</u>	37	2221	NA
<u>7900 MOD - Radeon HD 6520G</u>	610	1386	NA
<u>7900 MOD - Radeon HD 6550D</u>	892	1120	NA
<u>A6 Micro-6500T Quad-Core APU with RadeonR4</u>	220	1791	NA
<u>A10-8Q</u>	7041	267	NA
<u>A16-2Q</u>	4582	390	NA
<u>ABIT Siluro T400</u>	3	2417	NA
<u>ALL-IN-WONDER 9000</u>	4	2384	NA
<u>ALL-IN-WONDER 9800</u>	23	2290	NA
<u>ALL-IN-WONDER RADEON 8500DV</u>	5	2369	NA
<u>ALL-IN-WONDER X800 GT</u>	84	2061	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Barco MXRT 5450	1079	1012	3.40
Barco MXRT 5500	2701	559	9.04
Barco MXRT 5600	2465	601	3.50
Barco MXRT 7100	180	1839	NA
Barco MXRT 7400	900	1113	9.10
Barco MXRT 7500	3753	450	12.55
Barco MXRT 7600	4943	368	8.20
BASICDISPLAY	69	2108	NA
Citrix Indirect Display Adapter	4446	404	NA
CONNECT 3D RADEON X300	36	2226	NA
Custom GPU 0405	2762	548	NA
Dell 8100	2	2468	0.00
Dell 8200	4	2405	NA
Diamond X1300-PCIE 256MB	70	2105	NA
EAH5450	134	1913	1.22
EIZO Quadro MED-XN51LP	5048	362	NA
Embedded Radeon E9173	1806	770	NA
Eng Sample: 100-000000261-50_Y	2859	534	NA
Extreme AX850 PRO	120	1951	NA
FireGL T2-128	30	2258	NA
FireGL V3100	52	2156	NA
FireGL V3200	84	2058	NA
FireGL V3300	70	2103	NA
FireGL V3350	68	2114	NA
FireGL V3400	103	2008	NA
FireGL V3600	179	1840	1.12
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
FireGL V5100	92	2041	0.81
FireGL V5200	114	1971	0.86
FireGL V5600	341	1677	1.52
FireGL V7100	71	2097	0.22



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>FireMV 2400 PCIe</u>	11	2323	NA
<u>FireMV 2450</u>	73	2091	NA
<u>FirePro 3D V3700</u>	178	1843	2.10
<u>FirePro 3D V3750</u>	341	1676	6.71
<u>FirePro 3D V3800</u>	472	1560	3.15
<u>FirePro 3D V4800</u>	853	1143	5.33
<u>FirePro 3D V5700</u>	546	1471	1.71
<u>FirePro 3D V5800</u>	1231	944	6.04
<u>FirePro 3D V7750</u>	545	1475	1.56
<u>FirePro 3D V7800</u>	1867	748	3.11
<u>FirePro 3D V8700</u>	1206	955	7.09
<u>FirePro 3D V8750</u>	1271	929	1.03
<u>FirePro 3D V8800</u>	2437	605	5.74
<u>FirePro 3D V9800</u>	2811	541	1.13
<u>FirePro 2260</u>	112	1976	NA
<u>FirePro 2270</u>	144	1887	1.08
<u>FirePro 2450</u>	51	2165	0.57
<u>FirePro 2460</u>	170	1851	2.03
<u>FirePro M2000</u>	423	1608	NA
<u>FirePro M4000</u>	1612	823	22.14
<u>FirePro M4000 Mobility Pro</u>	1628	816	NA
<u>Firepro M4100</u>	1059	1021	NA
<u>FirePro M4150</u>	928	1095	NA
<u>FirePro M4170</u>	1119	990	NA
<u>FirePro M5100</u>	2102	684	NA
<u>FirePro M5100 FireGL V</u>	1839	756	NA
<u>FirePro M5950</u>	1314	914	NA
<u>FirePro M6000</u>	1820	764	5.58
<u>FirePro M6000 Mobility Pro</u>	1750	783	NA
<u>FirePro M6100</u>	2234	660	NA
<u>FirePro M6100 FireGL V</u>	2710	551	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
FirePro V4900	304	1039	9.50
FirePro V5700	464	1569	2.47
FirePro V5800	1175	967	22.18
FirePro V5900	1269	930	14.77
FirePro V7000	3161	510	NA
FirePro V7800	2028	699	10.68
FirePro V7900	2304	639	12.13
FirePro V8700	1538	851	9.75
FirePro V8800	2280	647	11.52
FirePro V9800	2726	554	5.75
FirePro W600	1661	809	4.00
FirePro W2100	889	1126	15.08
FirePro W4100	1546	846	8.40
FirePro W4170M	1056	1022	NA
Firepro W4190M	1170	969	NA
FirePro W4300	2821	540	11.76
FirePro W5000	2964	527	16.11
FirePro W5100	2979	524	23.65
FirePro W5130M	1395	897	NA
Firepro W5170M	1732	790	NA
FirePro W6150M	2358	624	NA
FirePro W7000	4260	415	15.32
FirePro W7000 Adapter	4361	408	NA
FirePro W7100	5326	338	13.68
FirePro W7170M	3161	511	NA
FirePro W8000	4095	423	7.15
FirePro W8100	7279	259	10.34
FirePro W9000	6138	300	7.26
FirePro W9100	7927	238	4.58
FireStream 9170	647	1337	NA
FireStream 9250	1161	971	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>GeForce2 II</u>	4	2390	NA
<u>GeForce2 Ultra</u>	6	2354	NA
<u>GeForce3</u>	4	2385	NA
<u>GeForce3 Ti 200</u>	4	2411	NA
<u>GeForce3 Ti 500</u>	2	2464	NA
<u>GeForce4 420 Go</u>	3	2435	NA
<u>GeForce4 420 Go 32M</u>	5	2374	NA
<u>GeForce4 440</u>	4	2382	NA
<u>GeForce4 440 Go</u>	3	2422	NA
<u>GeForce4 440 Go 64M</u>	5	2360	NA
<u>GeForce4 448 Go</u>	5	2371	NA
<u>GeForce4 4200 Go</u>	3	2415	NA
<u>GeForce4 MX 420</u>	4	2389	NA
<u>GeForce4 MX 440</u>	4	2399	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	2386	NA
<u>GeForce4 MX 440SE</u>	4	2398	NA
<u>GeForce4 MX 460</u>	4	2408	NA
<u>GeForce4 MX 4000</u>	4	2402	NA
<u>GeForce4 MX Integrated GPU</u>	6	2352	NA
<u>GeForce4 Ti 4200</u>	5	2370	NA
<u>GeForce4 Ti 4400</u>	7	2345	NA
<u>GeForce4 Ti 4600</u>	5	2372	0.10
<u>GeForce4 Ti 4800</u>	5	2362	NA
<u>GeForce4 Ti 4800 SE</u>	6	2348	NA
<u>GeForce9400M</u>	105	1998	NA
<u>GeForce 205</u>	126	1931	NA
<u>GeForce 210</u>	105	2000	1.94
<u>GeForce 240M GT</u>	319	1700	NA
<u>GeForce 256</u>	5	2380	0.12
<u>GeForce 305M</u>	150	1872	NA
<u>GeForce 310</u>	110	1950	1.11



Video Card





Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 710A	473	1553	NA
GeForce 710M	463	1571	NA
GeForce 720A	614	1380	NA
GeForce 730A	771	1218	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 770M	3245	498	18.34
GeForce 800A	476	1550	NA
GeForce 800M	457	1579	NA
GeForce 810A	622	1372	NA
GeForce 810M	410	1619	NA
GeForce 820A	554	1463	NA
GeForce 820M	504	1524	NA
GeForce 825M	783	1206	NA
GeForce 830A	1138	981	NA
GeForce 830M	1006	1047	NA
GeForce 840A	1179	965	NA
GeForce 840M	1081	1010	NA
GeForce 845M	1506	863	NA
GeForce 910M	591	1412	NA
GeForce 920A	849	1148	NA
GeForce 920M	726	1265	NA
GeForce 920MX	1084	1008	NA
GeForce 930A	1309	918	NA
GeForce 930M	1012	1043	NA
GeForce 930MX	1298	925	NA
GeForce 940A	1106	998	NA
GeForce 940M	1121	988	NA
GeForce 940MX	1509	860	NA
GeForce 945A	1852	752	NA
GeForce 945M	2107	681	NA
GeForce 945 GTX	82	2065	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>GeForce 6200 TurboCache</u>	33	2155	NA
<u>GeForce 6200A</u>	3	2425	0.07
<u>GeForce 6200SE TurboCache</u>	37	2224	NA
<u>GeForce 6500</u>	38	2217	NA
<u>GeForce 6600</u>	86	2056	0.33
<u>GeForce 6600 GT</u>	137	1905	2.11
<u>GeForce 6600 LE</u>	51	2164	NA
<u>GeForce 6610 XL</u>	88	2054	NA
<u>GeForce 6700 XL</u>	95	2031	NA
<u>GeForce 6800</u>	112	1977	0.20
<u>GeForce 6800 GS</u>	188	1832	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>GeForce 6800 GS/XT</u>	102	2010	NA
<u>GeForce 6800 GT</u>	142	1890	NA
<u>GeForce 6800 LE</u>	109	1989	NA
<u>GeForce 6800 Ultra</u>	138	1899	NA
<u>GeForce 6800 XE</u>	58	2143	NA
<u>GeForce 6800 XT</u>	123	1939	NA
<u>GeForce 7000M</u>	13	2316	NA
<u>GeForce 7000M / nForce 610M</u>	12	2317	NA
<u>GeForce 7025 / nForce 630a</u>	32	2251	NA
<u>GeForce 7050 / nForce 610i</u>	25	2280	NA
<u>GeForce 7050 / nForce 620i</u>	41	2202	NA
<u>GeForce 7050 / nForce 630i</u>	37	2220	NA
<u>GeForce 7050 PV / nForce 630a</u>	31	2256	NA
<u>GeForce 7100 / nForce 620i</u>	26	2274	NA
<u>GeForce 7100 / nForce 630i</u>	35	2232	NA
<u>GeForce 7100 GS</u>	48	2178	NA
<u>GeForce 7150 / nForce 630i</u>	33	2248	NA
<u>GeForce 7150M / nForce 630M</u>	18	2303	NA
<u>GeForce 7200 GS</u>	22	2291	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 7800 GTX	290	1120	4.00
GeForce 7900 GS	253	1761	NA
GeForce 7900 GT	258	1756	1.30
GeForce 7900 GT/GTO	247	1767	NA
GeForce 7900 GTX	387	1639	NA
GeForce 7950 GT	344	1673	1.69
GeForce 7950 GX2	201	1818	3.67
GeForce 7950 Xtreme	287	1726	NA
GeForce 8100 / nForce 720a	79	2083	NA
GeForce 8200	155	1867	NA
GeForce 8200M G	64	2128	NA
GeForce 8300	101	2016	4.48
GeForce 8300 GS	115	1965	NA
GeForce 8400	81	2075	0.14
GeForce 8400 GS	149	1874	1.74
GeForce 8400 SE	68	2115	NA
GeForce 8400M G	58	2144	NA
GeForce 8400M GS	112	1979	1.44
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 8400M GT	66	2124	NA
GeForce 8500 GT	123	1937	NA
GeForce 8600 GS	91	2044	NA
GeForce 8600 GT	116	1960	0.60
GeForce 8600 GTS	149	1876	0.62
GeForce 8600M GS	70	2106	NA
GeForce 8600M GT	89	2050	0.83
GeForce 8700M GT	124	1934	NA
GeForce 8800 GS	330	1689	NA
GeForce 8800 GT	493	1534	7.05
GeForce 8800 GTS	421	1613	5.27
GeForce 8800 GTS 512	575	1437	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 9300 GS	102	2011	1.71
GeForce 9300 SE	81	2073	NA
GeForce 9300GE	97	2026	1.01
GeForce 9300M G	84	2060	NA
GeForce 9300M GS	89	2049	2.07
GeForce 9400	98	2020	NA
GeForce 9400 GT	132	1916	0.83
GeForce 9400M	67	2119	NA
GeForce 9400M G	67	2120	NA
GeForce 9450	104	2002	NA
GeForce 9500 GS	187	1834	NA
GeForce 9500 GT	149	1877	1.74
GeForce 9500M	103	2007	1.02
GeForce 9500M G	121	1946	NA
GeForce 9500M GS	102	2013	NA
GeForce 9600 GS	281	1734	NA
GeForce 9600 GSO	327	1693	6.54
GeForce 9600 GSO 512	329	1690	NA
GeForce 9600 GT	491	1535	7.56
GeForce 9600M GS	117	1957	NA
GeForce 9600M GT	137	1902	1.76
GeForce 9600M GT / GeForce GT 220M	293	1720	NA
GeForce 9650M GS	270	1741	NA
GeForce 9650M GT	137	1904	1.17
GeForce 9700M GT	208	1809	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce 9700M GTS	278	1736	NA
GeForce 9800 GT	466	1564	6.23
GeForce 9800 GT 1024MB	134	1912	NA
GeForce 9800 GTX	769	1222	10.26
GeForce 9800 GTX :	506	1521	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
GeForce FX 5500	0	4333	0.00
GeForce FX 5600	12	2318	NA
GeForce FX 5600 Ultra	17	2309	NA
GeForce FX 5600XT	9	2331	NA
GeForce FX 5700	40	2204	NA
GeForce FX 5700 Ultra	34	2239	NA
GeForce FX 5700LE	24	2284	NA
GeForce FX 5700VE	33	2247	NA
GeForce FX 5900	34	2236	NA
GeForce FX 5900 Ultra	41	2203	NA
GeForce FX 5900XT	40	2209	NA
GeForce FX 5900ZT	32	2250	NA
GeForce FX 5950 Ultra	59	2141	NA
GeForce FX Go5300	12	2319	NA
GeForce FX Go5650	16	2310	NA
GeForce FX Go5700	51	2163	NA
GeForce FX Go 5200	8	2333	NA
GeForce FX Go 5600	17	2307	NA
GeForce G100	123	1936	6.20
GeForce G102M	167	1856	NA
GeForce G105M	107	1994	NA
GeForce G200	136	1909	NA
GeForce G205M	91	2046	NA
GeForce G210	98	2021	0.80
GeForce G210M	115	1966	NA
GeForce G 103M	62	2134	NA
GeForce G 105M	62	2131	NA
GeForce Go 6100	17	2306	NA
GeForce Go 6150	19	2299	NA
GeForce Go 6200	15	2313	NA
GeForce Go 6100	21	2295	NA



Video Card





Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>GeForce Go 7800 GTX</u>	209	1807	NA
<u>GeForce Go 7900 GS</u>	176	1845	NA
<u>GeForce Go 7900 GTX</u>	270	1740	NA
<u>GeForce Go 7950 GTX</u>	263	1748	NA
<u>GeForce GPU</u>	1199	961	NA
<u>GeForce GT625M</u>	457	1580	NA
<u>GeForce GT 120</u>	168	1854	5.63
<u>GeForce GT 120 / 9500 GT</u>	324	1694	NA
<u>GeForce GT 120M</u>	152	1870	NA
<u>GeForce GT 130</u>	381	1642	2.52
<u>GeForce GT 130M</u>	146	1885	NA
<u>GeForce GT 140</u>	657	1327	NA
<u>GeForce GT 220</u>	213	1801	5.33
<u>GeForce GT 220M</u>	121	1945	NA
<u>GeForce GT 230</u>	323	1697	7.35
<u>GeForce GT 230M</u>	203	1816	NA
<u>GeForce GT 240</u>	518	1509	3.22
<u>GeForce GT 240M</u>	203	1817	NA
<u>GeForce GT 320</u>	451	1586	13.82
<u>GeForce GT 320M</u>	105	1999	NA
<u>GeForce GT 325M</u>	169	1853	NA
<u>GeForce GT 330</u>	400	1630	10.02
<u>GeForce GT 330M</u>	211	1804	NA
<u>GeForce GT 335M</u>	391	1635	NA
<u>GeForce GT 340</u>	738	1257	13.93
<u>GeForce GT 415</u>	251	1764	NA
<u>GeForce GT 415M</u>	286	1728	NA
<u>GeForce GT 420</u>	427	1606	2.76
<u>GeForce GT 420M</u>	417	1616	NA
<u>GeForce GT 425M</u>	523	1503	NA
<u>GeForce GT 430</u>	300	1800	1.00

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>GeForce GT 555M</u>	303	1320	3.70
<u>GeForce GT 610</u>	305	1710	2.18
<u>GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</u>	368	1654	NA
<u>GeForce GT 620</u>	367	1655	2.39
<u>GeForce GT 620M</u>	439	1597	NA
<u>GeForce GT 625</u>	338	1680	NA
<u>GeForce GT 625M</u>	476	1551	NA
<u>GeForce GT 630</u>	681	1305	4.64
<u>GeForce GT 630M</u>	542	1483	NA
<u>GeForce GT 635</u>	834	1160	12.46
<u>GeForce GT 635M</u>	566	1451	NA
<u>GeForce GT 640</u>	1179	966	10.72
<u>GeForce GT 640M</u>	922	1102	NA
<u>GeForce GT 640M LE</u>	680	1307	0.80
<u>GeForce GT 645</u>	2005	705	NA
<u>GeForce GT 645M</u>	924	1099	NA
<u>GeForce GT 650M</u>	1208	954	NA
<u>GeForce GT 705</u>	335	1684	1.13
<u>GeForce GT 710</u>	631	1356	2.53
<u>GeForce GT 710M</u>	444	1592	NA
<u>GeForce GT 720</u>	610	1385	6.11
<u>GeForce GT 720A</u>	600	1400	NA
<u>GeForce GT 720M</u>	463	1570	NA
<u>GeForce GT 730</u>	830	1167	7.55
<u>GeForce GT 730A</u>	742	1251	NA
<u>GeForce GT 730M</u>	815	1182	NA
<u>GeForce GT 735M</u>	628	1363	NA
<u>GeForce GT 740</u>	1492	866	6.30
<u>GeForce GT 740A</u>	667	1317	NA
<u>GeForce GT 740M</u>	790	1201	NA
<u>GeForce GT 745A</u>	1000	945	NA



Video Card





Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 450	1313	913	10.42
GeForce GTX 260	1229	946	15.37
GeForce GTX 260M	379	1645	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 275	1426	888	3.30
GeForce GTX 280	1299	924	2.49
GeForce GTX 280M	575	1436	NA
GeForce GTX 285	1516	857	12.64
GeForce GTX 285M	650	1334	NA
GeForce GTX 295	1201	960	7.51
GeForce GTX 460	2253	654	25.04
GeForce GTX 460 SE	2011	701	12.57
GeForce GTX 460 v2	1871	745	9.36
GeForce GTX 460M	1232	943	NA
GeForce GTX 465	2675	567	13.72
GeForce GTX 470	3084	517	51.42
GeForce GTX 470M	1953	723	NA
GeForce GTX 480	4040	425	23.77
GeForce GTX 480M	1617	822	NA
GeForce GTX 485M	2359	623	NA
GeForce GTX 550 Ti	1537	852	15.38
GeForce GTX 555	1571	842	NA
GeForce GTX 560	2719	556	13.27
GeForce GTX 560 SE	1914	736	21.27
GeForce GTX 560 Ti	3033	519	23.34
GeForce GTX 560M	1221	949	NA
GeForce GTX 570	3930	432	26.20
GeForce GTX 570M	1863	749	NA
GeForce GTX 580	4545	395	32.48
GeForce GTX 580M	2074	688	8.34
GeForce GTX 590	3241	492	7.69



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 680	3042	323	13.89
GeForce GTX 680M	3205	503	23.58
GeForce GTX 680M KY_Bullet Edition	3568	467	NA
GeForce GTX 680MX	4142	421	NA
GeForce GTX 690	5579	319	19.85
GeForce GTX 745	2149	674	7.54
GeForce GTX 750	3361	489	42.03
GeForce GTX 750 Ti	3903	434	44.30
GeForce GTX 760	4780	377	32.09
GeForce GTX 760 Ti	5191	351	17.45
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 760 Ti OEM	5427	329	NA
GeForce GTX 760A	1226	947	NA
GeForce GTX 760M	1709	799	NA
GeForce GTX 765M	1990	710	10.68
GeForce GTX 770	5913	309	23.75
GeForce GTX 770M	2765	546	20.04
GeForce GTX 775M	3551	470	NA
GeForce GTX 780	8025	234	28.67
GeForce GTX 780 Ti	9486	192	27.90
GeForce GTX 780M	3871	438	7.76
GeForce GTX 850A	1049	1025	NA
GeForce GTX 850M	2519	593	NA
GeForce GTX 850M - MODDED	1091	1006	NA
GeForce GTX 860M	3028	521	26.56
GeForce GTX 870M	3448	480	NA
GeForce GTX 880M	3804	446	NA
GeForce GTX 950	5344	337	37.64
GeForce GTX 950A	2598	580	NA
GeForce GTX 950M	2584	583	4.56
GeForce GTX 960	6045	202	25.15



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 1050 Ti	5304	291	22.20
GeForce GTX 1050 Ti (Mobile)	5918	308	NA
GeForce GTX 1050 Ti with Max-Q Design	5381	334	NA
GeForce GTX 1050 with Max-Q Design	3994	429	NA
GeForce GTX 1060	10077	176	35.99
GeForce GTX 1060 3GB	9758	184	36.14
GeForce GTX 1060 5GB	9044	206	18.53
GeForce GTX 1060 (Mobile)	8160	230	NA
GeForce GTX 1060 with Max-Q Design	7885	241	NA
GeForce GTX 1070	13511	118	27.68
GeForce GTX 1070 (Mobile)	10465	170	NA
GeForce GTX 1070 Ti	14715	100	25.82
GeForce GTX 1070 with Max-Q Design	10041	177	NA
GeForce GTX 1080	15497	88	35.00
GeForce GTX 1080 Ti	18536	59	38.31
GeForce GTX 1080 with Max-Q Design	11570	156	NA
GeForce GTX 1630	5003	366	26.34
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce GTX 1650	7860	242	52.41
GeForce GTX 1650 (Mobile)	6968	272	NA
GeForce GTX 1650 SUPER	10112	175	54.94
GeForce GTX 1650 Ti	7575	251	NA
GeForce GTX 1650 Ti with Max-Q Design	6423	288	NA
GeForce GTX 1650 with Max-Q Design	6126	302	NA
GeForce GTX 1660	11716	154	40.93
GeForce GTX 1660 SUPER	12788	134	66.77
GeForce GTX 1660 Ti	12959	133	20.90
GeForce GTX 1660 Ti (Mobile)	10207	172	NA
GeForce GTX 1660 Ti with Max-Q Design	8671	214	NA
GeForce GTX Titan	8211	229	11.02
GeForce GTX TITAN Black	9919	207	17.16



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce MX5/0 A	0110	239	NA
GeForce PCX 5300	6	2356	NA
GeForce PCX 5750	34	2234	NA
GeForce PCX 5900	34	2240	NA
GeForce RTX 2050	7217	262	NA
GeForce RTX 2060	14121	106	38.51
GeForce RTX 2060 12GB	15897	81	NA
GeForce RTX 2060 (Mobile)	11354	159	NA
GeForce RTX 2060 SUPER	16579	74	40.44
GeForce RTX 2060 with Max-Q Design	9776	183	NA
GeForce RTX 2070	16176	77	31.11
GeForce RTX 2070 (Mobile)	12354	142	NA
GeForce RTX 2070 SUPER	18250	63	36.65
GeForce RTX 2070 Super with Max-Q Design	13913	108	NA
GeForce RTX 2070 with Max-Q Design	11881	150	NA
GeForce RTX 2080	18801	55	23.48
GeForce RTX 2080 (Mobile)	15107	95	NA
GeForce RTX 2080 SUPER	19598	48	26.45
GeForce RTX 2080 Super with Max-Q Design	13852	109	NA
GeForce RTX 2080 Ti	21850	33	15.61
GeForce RTX 2080 with Max-Q Design	13215	125	6.29
GeForce RTX 3050	12968	131	60.32
GeForce RTX 3050 4GB Laptop GPU	7010	270	NA
GeForce RTX 3050 6GB Laptop GPU	10699	166	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
GeForce RTX 3050 Laptop GPU	9403	197	34.83
GeForce RTX 3050 OEM	12051	147	NA
GeForce RTX 3050 Ti Laptop GPU	10176	174	NA
GeForce RTX 3060	17102	69	70.68
GeForce RTX 3060 Laptop GPU	13416	122	43.28
GeForce RTX 3060 Ti	20600	40	54.24



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
GeForce RTX 4060	19300	31	66.70
GeForce RTX 4060 Laptop GPU	17997	65	NA
GeForce RTX 4060 Ti	22505	29	60.83
GeForce RTX 4060 Ti 16GB	22737	27	45.57
GeForce RTX 4070	26859	14	52.16
GeForce RTX 4070 Laptop GPU	19487	49	NA
GeForce RTX 4070 Ti	31673	3	42.23
GeForce RTX 4080	34701	2	30.71
GeForce RTX 4080 Laptop GPU	26252	16	NA
GeForce RTX 4090	38890	1	21.37
GeForce RTX 4090 Laptop GPU	28761	9	NA
GF117	554	1465	NA
GRID GTX P40-6	4340	409	NA
GRID K1	650	1333	1.65
GRID K2	2736	552	0.61
GRID K120Q	293	1719	NA
GRID K140Q	727	1264	NA
GRID K160Q	628	1365	NA
GRID K180Q	533	1490	NA
GRID K220Q	912	1107	NA
GRID K240Q	2541	588	NA
GRID K260Q	2949	528	NA
GRID K280Q	2839	537	NA
GRID K520	3516	474	23.44
GRID M6-0B	911	1108	NA
GRID M6-1Q	2069	689	NA
GRID M6-8Q	3568	468	NA
GRID M10-0Q	913	1105	NA
GRID M10-1B	2309	635	NA
GRID M10-1Q	3351	490	NA
GRID M10-0B	2222	221	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>GRID P6-2Q</u>	3923	433	NA
<u>GRID P6-4Q</u>	4429	406	NA
<u>GRID P40-2B</u>	9842	182	NA
<u>GRID P40-2Q</u>	4843	373	NA
<u>GRID P40-3Q</u>	681	1306	NA
<u>GRID P40-4Q</u>	5364	335	NA
<u>GRID P40-8Q</u>	8967	210	NA
<u>GRID P40-24Q</u>	4727	383	NA
<u>GRID P100-1B</u>	2223	664	NA
<u>GRID P100-8Q</u>	3841	442	NA
<u>GRID P100-16Q</u>	5944	307	NA
<u>GRID RTX6000-1B</u>	8473	220	NA
<u>GRID RTX6000P-6Q</u>	4777	378	NA
<u>GRID T4-1Q</u>	2702	558	NA
<u>GRID T4-2B</u>	2601	579	NA
<u>GRID T4-2Q</u>	3450	479	NA
<u>GRID T4-4Q</u>	3260	497	NA
<u>GRID T4-8Q</u>	4518	398	NA
<u>GRID V100-8Q</u>	16	2311	NA
<u>GRID V100D-8Q</u>	4155	419	NA
<u>GT 430</u>	223	1787	1.56
<u>Incredible HD</u>	389	1638	NA
<u>Incredible HD 4000</u>	517	1511	NA
<u>Incredible HD 4600</u>	749	1239	NA
<u>Intel 2nd Generation SandyBridge HD</u>	185	1836	NA
<u>Intel 2nd Generation SandyBridge HD 3000</u>	205	1815	NA
<u>Intel 4th Generation Haswell HD</u>	419	1615	NA
<u>Intel 865 Embedded Controller</u>	3	2424	NA
<u>Intel 915G,910G Express</u>	4	2413	NA
<u>Intel 915G/915GV/910GL Embedded Controller Functio</u>	4	2394	NA
<u>Intel 945G Express Embedded Controller</u>	4	2404	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Intel 82945G Express	12	2321	NA
Intel 82945G Express-Chipsatzfamilie	8	2338	NA
Intel - Express Chipset G41	56	2151	NA
Intel - Express Chipset Q45/Q43	57	2146	NA
Intel Arc	3773	448	NA
Intel Arc A380	4762	382	NA
Intel Arc A580	11925	149	NA
Intel Arc A730M	9258	200	NA
Intel Arc A750	8858	212	44.29
Intel Arc A770	9534	190	26.51
Intel Arc A770M	7485	255	NA
Intel Arc Pro A40/A50	5223	346	NA
Intel Arc Pro A60	9409	196	NA
Intel B43 Express Chipset	109	1991	NA
Intel Coffee Lake UHD	1158	976	NA
Intel Extreme Controller	1	2472	NA
Intel G33/G31 Express	52	2157	NA
Intel G35 Express	3090	515	NA
Intel G41 Express Chipset	102	2012	NA
Intel G41 Express-Chipsatz	57	2148	NA
Intel G45/G43 Express Chipset	94	2033	NA
Intel G45/G43/G41 Express Chipset	67	2117	NA
Intel G965 Express	222	1788	NA
Intel GMA 3150 Express	2	2465	NA
Intel Haswell HD - GT1	123	1940	NA
Intel Haswell HD - GT2	139	1897	NA
Intel HD 500	298	1717	NA
Intel HD 505	352	1670	NA
Intel HD 510	627	1368	NA
Intel HD 515	630	1360	NA
Intel HD 520	970	1100	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Intel HD 5500	300	1423	NA
Intel HD 5600	2263	653	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Intel HD 6000	858	1139	NA
Intel HD Family	458	1578	NA
Intel HD Graphics 620	926	1096	NA
Intel HD manual-15.28-1861	62	2133	NA
Intel HD manual-gen9_2015-133271	165	1858	NA
Intel HD Modded	112	1980	NA
Intel HD P530	1153	978	NA
Intel HD P630	1184	964	NA
Intel HD P3000	286	1727	NA
Intel HD P4000	516	1512	NA
Intel HD P4600	604	1395	NA
Intel HD P4600/P4700	635	1351	NA
Intel Infoshock HD	193	1825	NA
Intel Iris 540	1247	934	NA
Intel Iris 550	1411	892	NA
Intel Iris 650	1432	884	NA
Intel Iris 5100	744	1248	NA
Intel Iris 6100	913	1104	NA
Intel Iris Plus	1819	765	NA
Intel Iris Plus 640	1345	907	NA
Intel Iris Plus 645	1727	794	NA
Intel Iris Plus 650	1585	833	NA
Intel Iris Plus 655	1746	786	NA
Intel Iris Pro 580	1981	714	NA
Intel Iris Pro 5200	1202	959	NA
Intel Iris Pro 6100	925	1098	NA
Intel Iris Pro Graphics 6200	1449	877	NA
Intel Iris Pro P580	2221	662	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Intel Q35 Express	00	2050	NA
Intel Q45/Q43 Express Chipset	208	1808	NA
Intel Q45/Q43 Express-Chipsatz	57	2149	NA
Intel Q965/Q963 Express	191	1829	NA
Intel Skylake HD DT GT2	576	1434	NA
Intel UHD Graphics	1475	874	NA
Intel UHD Graphics 600	324	1695	NA
Intel UHD Graphics 605	369	1653	NA
Intel UHD Graphics 610	718	1276	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Intel UHD Graphics 615	754	1236	NA
Intel UHD Graphics 617	892	1122	NA
Intel UHD Graphics 620	1040	1029	NA
Intel UHD Graphics 630	1249	933	NA
Intel UHD Graphics 710	1077	1014	NA
Intel UHD Graphics 730	1629	815	NA
Intel UHD Graphics 750	1742	787	NA
Intel UHD Graphics 770	1840	754	NA
Intel UHD Graphics P630	2241	658	NA
Intel UHD Graphics P750	1726	795	NA
Intel US15 Embedded Media and Controller	7	2344	NA
ION	84	2063	0.37
ION LE	97	2025	NA
M860G with Mobility Radeon 4100	75	2088	NA
M880G with Mobility Radeon HD 4200	92	2040	NA
M880G with Mobility Radeon HD 4225	71	2099	NA
M880G with Mobility Radeon HD 4250	104	2005	NA
Master X3100 Driver	10	2326	NA
Matrox C420 LP PCIe x16	597	1404	NA
Matrox C680 PCIe x16	1903	738	NA
Matrox G2000 PCIe x16	1812	760	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Matrox LUMA A310F</u>	3073	437	NA
<u>Matrox LUMA A310FP</u>	3092	514	NA
<u>Matrox M9120 PCIe x16</u>	19	2298	NA
<u>Matrox M9120 Plus LP PCIe x16</u>	25	2276	NA
<u>Matrox M9125 PCIe x16</u>	25	2277	NA
<u>Matrox M9128 LP PCIe x16</u>	31	2254	NA
<u>Matrox M9138 LP PCIe x16</u>	42	2198	NA
<u>Matrox M9140 LP PCIe x16</u>	23	2289	NA
<u>Matrox M9148 LP PCIe x16</u>	40	2208	NA
<u>Matrox Millennium P650 PCIe 128</u>	5	2375	NA
<u>Matrox Millennium P690 PCIe x16</u>	366	1656	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2349	NA
<u>Matrox Parhelia 128MB</u>	3	2433	0.01
<u>Matrox Parhelia 256MB</u>	9	2328	NA
<u>Matrox Parhelia APVe</u>	5	2368	NA
<u>MEDION RADEON 9800 XXL</u>	71	2098	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>MEDION RADEON X740XL</u>	94	2032	NA
<u>MIRRORV3</u>	1080	1011	NA
<u>Mobile Intel965 Express</u>	17	2308	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	2192	NA
<u>Mobile Intel 45 Express</u>	43	2194	NA
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	1959	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	1	2475	NA
<u>Mobile Intel 945 Express</u>	1	2476	NA
<u>Mobile Intel 945GM Express</u>	5	2363	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2376	NA
<u>Mobile Intel 965 Express</u>	49	2170	NA
<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	2336	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	2286	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	28	2216	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>MOBILITY RADEON 7000 IGP</u>	0	2333	NA
<u>MOBILITY RADEON 7500</u>	3	2427	NA
<u>MOBILITY RADEON 9000</u>	3	2437	NA
<u>MOBILITY RADEON 9000 IGP</u>	7	2339	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2367	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2448	NA
<u>MOBILITY RADEON 9200</u>	3	2446	NA
<u>MOBILITY RADEON 9550</u>	30	2259	NA
<u>MOBILITY RADEON 9600</u>	36	2229	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2282	NA
<u>MOBILITY RADEON 9600/9700</u>	39	2214	NA
<u>MOBILITY RADEON 9700</u>	27	2267	NA
<u>MOBILITY RADEON 9800</u>	46	2184	NA
<u>Mobility Radeon HD 530v</u>	174	1846	NA
<u>Mobility Radeon HD 540v</u>	188	1833	NA
<u>Mobility Radeon HD 545v</u>	199	1819	NA
<u>Mobility Radeon HD 550v</u>	266	1747	NA
<u>Mobility Radeon HD 560v</u>	318	1701	NA
<u>Mobility Radeon HD 565v</u>	353	1669	NA
<u>Mobility Radeon HD 2300</u>	50	2167	NA
<u>Mobility Radeon HD 2400</u>	89	2051	NA
<u>Mobility Radeon HD 2400 XT</u>	102	2014	NA
<u>Mobility Radeon HD 2600</u>	167	1855	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Mobility Radeon HD 2600 XT</u>	191	1828	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	1984	NA
<u>Mobility Radeon HD 3410</u>	62	2132	NA
<u>Mobility Radeon HD 3430</u>	98	2024	NA
<u>Mobility Radeon HD 3450</u>	91	2047	NA
<u>Mobility Radeon HD 3470</u>	93	2037	NA
<u>Mobility Radeon HD 3470 Hybrid X2</u>	92	2035	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>MOBILITY RADEON HD 4550</u>	191	1630	NA
<u>Mobility Radeon HD 4570</u>	139	1898	1.83
<u>Mobility Radeon HD 4650</u>	401	1628	NA
<u>Mobility Radeon HD 4670</u>	463	1572	NA
<u>Mobility Radeon HD 4830</u>	511	1515	NA
<u>Mobility Radeon HD 4850</u>	866	1137	NA
<u>Mobility Radeon HD 4870</u>	719	1271	NA
<u>Mobility Radeon HD 5000</u>	773	1215	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1547	NA
<u>Mobility Radeon HD 5165</u>	284	1729	NA
<u>Mobility Radeon HD 5430</u>	181	1837	NA
<u>Mobility Radeon HD 5450</u>	214	1799	NA
<u>Mobility Radeon HD 5470</u>	236	1775	NA
<u>Mobility Radeon HD 5570</u>	543	1479	NA
<u>Mobility Radeon HD 5650</u>	449	1588	NA
<u>Mobility Radeon HD 5730</u>	499	1527	NA
<u>Mobility Radeon HD 5850</u>	763	1227	NA
<u>Mobility Radeon HD 5870</u>	1093	1005	NA
<u>Mobility Radeon HD serie 4200</u>	96	2029	NA
<u>MOBILITY RADEON X300</u>	33	2242	NA
<u>MOBILITY RADEON X600</u>	50	2168	NA
<u>MOBILITY RADEON X600 SE</u>	49	2172	NA
<u>MOBILITY RADEON X700</u>	66	2123	NA
<u>MOBILITY RADEON X700 XL</u>	59	2137	NA
<u>Mobility Radeon X1300</u>	39	2212	NA
<u>Mobility Radeon X1350</u>	39	2210	NA
<u>Mobility Radeon X1400</u>	42	2195	NA
<u>Mobility Radeon X1450</u>	33	2246	NA
<u>Mobility Radeon X1600</u>	92	2042	NA
<u>Mobility Radeon X1700</u>	104	2003	NA

Videocard Name

Passmark G3D Mark

Rank

Videocard Value



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>nForce 750a SLI</u>	93	2007	NA
<u>nForce 760i SLI</u>	140	1895	NA
<u>nForce 780a SLI</u>	92	2043	NA
<u>nForce 980a/780a SLI</u>	81	2074	NA
<u>NV44</u>	15	2312	NA
<u>NVIDIA A10</u>	22064	32	NA
<u>NVIDIA A10-4Q</u>	3424	484	NA
<u>NVIDIA A10G</u>	18292	62	NA
<u>NVIDIA A40</u>	9982	180	NA
<u>NVIDIA A40-8Q</u>	4220	417	NA
<u>NVIDIA GeForce3 Ti200</u>	5	2365	NA
<u>NVIDIA TITAN X</u>	13659	114	22.46
<u>NVIDIA TITAN Xp</u>	18626	57	11.32
<u>NVS 300</u>	122	1942	1.95
<u>NVS 310</u>	249	1766	4.02
<u>NVS 315</u>	299	1715	4.28
<u>NVS 510</u>	706	1287	4.93
<u>NVS 810</u>	1161	973	1.86
<u>NVS 2100M</u>	139	1896	NA
<u>NVS 3100M</u>	114	1969	NA
<u>NVS 4200M</u>	271	1739	0.68
<u>NVS 5100M</u>	188	1831	NA
<u>NVS 5200M</u>	514	1513	NA
<u>NVS 5400M</u>	631	1357	NA
<u>OPAL XT/GL</u>	1053	1023	NA
<u>P104-100</u>	3807	445	12.69
<u>P106-090</u>	2342	628	NA
<u>P106-100</u>	6304	292	NA
<u>PCIVEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen</u>	1653	810	NA
<u>PCIVEN_1002&DEV_164E&SUBSYS_D0001458&REV_C6 Ryzen</u>	1768	779	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Quadro4 900 XGL	4	2363	NA
Quadro4 980 XGL	5	2381	0.01
Quadro 280 NVS PCIe	5	2364	NA
Quadro 400	148	1879	0.70
Quadro 410	441	1595	3.42
Quadro 500M	570	1445	2.07
Quadro 600	538	1487	7.08
Quadro 1000M	571	1444	10.48
Quadro 1100M	755	1234	NA
Quadro 2000	946	1080	4.44
Quadro 2000 D	1239	937	NA
Quadro 2000D	974	1064	6.96
Quadro 2000M	783	1207	3.41
Quadro 2100M	1100	1001	NA
Quadro 3000M	1018	1039	14.55
Quadro 4000	1478	873	1.47
Quadro 4000M	1323	911	5.71
Quadro 5000	1923	733	2.39
Quadro 5000M	2059	693	NA
Quadro 5010M	1771	777	7.51
Quadro 6000	2701	561	0.66
Quadro 7000	3505	475	NA
Quadro CX	947	1079	6.32
Quadro FX 350	85	2057	NA
Quadro FX 350M	44	2190	NA
Quadro FX 360M	86	2055	NA
Quadro FX 370	83	2066	0.67
Quadro FX 370 Low Profile	102	2009	NA
Quadro FX 370 LP	108	1993	NA
Quadro FX 370M	93	2038	NA
Quadro FX 380	100	1999	0.64



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Quadro FX 1000</u>	34	2230	NA
<u>Quadro FX 1100</u>	35	2230	0.17
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Quadro FX 1300</u>	34	2237	NA
<u>Quadro FX 1400</u>	124	1935	0.51
<u>Quadro FX 1500</u>	197	1823	1.71
<u>Quadro FX 1500M</u>	171	1849	NA
<u>Quadro FX 1600M</u>	131	1918	0.87
<u>Quadro FX 1700</u>	128	1924	0.37
<u>Quadro FX 1700M</u>	172	1848	NA
<u>Quadro FX 1800</u>	398	1631	2.95
<u>Quadro FX 1800M</u>	466	1563	NA
<u>Quadro FX 2000</u>	18	2305	NA
<u>Quadro FX 2500M</u>	217	1793	12.45
<u>Quadro FX 2700</u>	543	1480	NA
<u>Quadro FX 2700M</u>	376	1647	3.77
<u>Quadro FX 2800M</u>	420	1614	2.22
<u>Quadro FX 3000</u>	69	2113	0.41
<u>Quadro FX 3400/4400</u>	104	2004	NA
<u>Quadro FX 3450</u>	148	1878	1.24
<u>Quadro FX 3450/4000 SDI</u>	179	1841	NA
<u>Quadro FX 3500</u>	259	1755	3.77
<u>Quadro FX 3500M</u>	306	1709	3.06
<u>Quadro FX 3600M</u>	466	1562	NA
<u>Quadro FX 3700</u>	380	1643	1.79
<u>Quadro FX 3700M</u>	456	1581	0.49
<u>Quadro FX 3800</u>	799	1194	3.08
<u>Quadro FX 3800M</u>	605	1392	NA
<u>Quadro FX 4000</u>	101	2017	NA
<u>Quadro FX 4500</u>	226	1784	1.34
<u>Quadro FX 4500 X2</u>	226	1776	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Quadro K6100M	1119	1212	3.00
Quadro K620	2239	659	1.10
Quadro K620M	1162	972	NA
Quadro K1000M	784	1204	11.22
Quadro K1100M	1085	1007	3.36
Quadro K1200	2902	531	10.17
Quadro K2000	1570	843	5.34
Quadro K2000D	1577	837	4.64
Quadro K2000M	1016	1041	7.06
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Quadro K2100M	1362	902	3.27
Quadro K2200	3548	471	13.23
Quadro K2200M	3440	482	27.54
Quadro K3000M	1645	812	4.04
Quadro K3100M	2272	649	5.68
Quadro K4000	2710	557	10.04
Quadro K4000M	1908	737	7.52
Quadro K4100M	2627	573	10.06
Quadro K4200	4317	411	17.34
Quadro K5000	3983	430	16.00
Quadro K5000M	2763	547	5.43
Quadro K5100M	3188	506	2.88
Quadro K5200	6026	304	14.52
Quadro K6000	8055	232	38.24
Quadro M500M	1173	968	NA
Quadro M520	1870	746	NA
Quadro M600M	2145	675	8.52
Quadro M620	2826	539	NA
Quadro M1000M	2895	532	33.67
Quadro M1200	3275	495	NA
Quadro M2000	2973	421	15.04



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Quadro NVS 120M</u>	40	2102	NA
<u>Quadro NVS 130M</u>	97	2028	NA
<u>Quadro NVS 135M</u>	52	2159	NA
<u>Quadro NVS 140M</u>	69	2112	NA
<u>Quadro NVS 150M</u>	70	2104	NA
<u>Quadro NVS 160M</u>	137	1903	NA
<u>Quadro NVS 210S</u>	23	2287	NA
<u>Quadro NVS 210S / GeForce 6150LE</u>	20	2296	NA
<u>Quadro NVS 280 PCI</u>	8	2337	0.06
<u>Quadro NVS 280 SD</u>	2	2467	NA
<u>Quadro NVS 285</u>	42	2199	0.25
<u>Quadro NVS 285 128MB</u>	38	2218	0.70
<u>Quadro NVS 290</u>	226	1785	3.83
<u>Quadro NVS 295</u>	79	2081	1.27
<u>Quadro NVS 320M</u>	208	1810	NA
<u>Quadro NVS 420</u>	69	2107	0.47
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Quadro NVS 440</u>	37	2222	0.16
<u>Quadro NVS 450</u>	66	2122	0.42
<u>Quadro NVS 510M</u>	253	1762	NA
<u>Quadro P400</u>	1601	830	7.96
<u>Quadro P500</u>	1602	828	NA
<u>Quadro P520</u>	2104	683	1.40
<u>Quadro P600</u>	3266	496	15.35
<u>Quadro P620</u>	3592	465	6.25
<u>Quadro P1000</u>	4436	405	15.30
<u>Quadro P2000</u>	6904	274	15.71
<u>Quadro P2000 with Max-Q Design</u>	5131	357	NA
<u>Quadro P2200</u>	9373	199	20.39
<u>Quadro P3000</u>	6608	280	NA
<u>Quadro P3200</u>	9122	202	22.42



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Quadro K1A 4000 (Mobile)	12072	130	NA
Quadro RTX 4000 with Max-Q Design	12636	138	NA
Quadro RTX 5000	16031	80	NA
Quadro RTX 5000 (Mobile)	14832	98	NA
Quadro RTX 5000 with Max-Q Design	13570	117	NA
Quadro RTX 6000	19256	54	3.06
Quadro RTX 8000	19402	50	4.09
Quadro T1000	6599	281	17.55
Quadro T1000 with Max-Q Design	6662	279	NA
Quadro T2000	7156	265	13.54
Quadro T2000 with Max-Q Design	6944	273	NA
Qualcomm Adreno 7c+ Gen 3	591	1411	NA
Qualcomm Adreno 8cx Gen 3	1937	728	NA
Qualcomm Adreno 540 GPU	118	1955	NA
Qualcomm Adreno 618 GPU	124	1933	NA
Qualcomm Adreno 630 GPU	282	1730	NA
Qualcomm Adreno 675 GPU	539	1484	NA
Qualcomm Adreno 680 GPU	635	1349	NA
Qualcomm Adreno 685 GPU	892	1121	NA
Qualcomm Adreno 690 GPU	972	1067	NA
QXL KMDOD	18	2300	NA
Radeon 520	858	1140	9.54
Radeon 530	1007	1046	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon 535	1071	1015	NA
Radeon 535DX	806	1187	NA
Radeon 540	1344	908	NA
Radeon 540X	1431	886	NA
Radeon 550	1772	776	23.63
Radeon 550X	1494	865	NA
Radeon 610M	1006	1002	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon 6000M</u>	310	1510	NA
<u>Radeon 6750M</u>	911	1109	NA
<u>Radeon 7000 / Radeon VE</u>	2	2456	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	2419	NA
<u>RADEON 7200</u>	2	2451	0.00
<u>RADEON 7500</u>	3	2440	0.02
<u>RADEON 7500 Family</u>	4	2391	NA
<u>RADEON 8500 Family</u>	6	2351	NA
<u>RADEON 9000</u>	4	2395	NA
<u>RADEON 9000 Family</u>	3	2429	NA
<u>RADEON 9100 Family</u>	6	2357	NA
<u>RADEON 9100 IGP</u>	5	2373	NA
<u>RADEON 9200</u>	3	2426	0.02
<u>RADEON 9200 LE Family</u>	2	2460	NA
<u>RADEON 9200 PRO Family</u>	2	2452	NA
<u>RADEON 9200 SE</u>	2	2463	NA
<u>RADEON 9250</u>	2	2461	0.01
<u>RADEON 9500</u>	36	2227	0.90
<u>RADEON 9500 PRO / 9700</u>	41	2200	NA
<u>RADEON 9550</u>	34	2235	0.12
<u>Radeon 9550 / X1050</u>	29	2265	NA
<u>RADEON 9600 Family</u>	25	2281	NA
<u>RADEON 9600 PRO</u>	42	2196	NA
<u>RADEON 9600 PRO Family</u>	26	2272	NA
<u>RADEON 9600 TX Family</u>	18	2302	NA
<u>RADEON 9600 XT</u>	35	2233	NA
<u>RADEON 9600SE</u>	27	2269	NA
<u>RADEON 9700 PRO</u>	53	2154	NA
<u>Radeon 9700 TX w/TV-Out</u>	44	2193	NA
<u>RADEON 9800</u>	57	2147	0.18



Video Card





Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon E670U	070	1131	3.03
Radeon E8860	1686	803	NA
Radeon E8870PCIe	3368	488	NA
Radeon Eng_Sample: 100-000000085-40_35/24_Y	1440	880	NA
Radeon Eng_Sample: 100-000000262-30_Y	2415	609	NA
Radeon Eng_Sample: 100-000000285-40_Y	2365	621	NA
Radeon Eng_Sample: 100-000000287-40_Y	1861	751	NA
Radeon Eng_Sample: 100-000000300-40_Y	2670	568	NA
Radeon Eng_Sample: 100-000000371-40_42/18_Y	2590	582	NA
Radeon HD4650	239	1771	1.57
Radeon HD4670	365	1657	NA
RADEON HD6370D	320	1699	NA
RADEON HD6410D	422	1611	NA
RADEON HD6530D	531	1496	NA
RADEON HD7450	199	1820	8.95
Radeon HD8530M	490	1537	NA
Radeon HD8970M	3368	487	NA
Radeon HD 2350	76	2085	NA
Radeon HD 2400	120	1949	1.37
Radeon HD 2400 PCI	14	2315	NA
Radeon HD 2400 Pro	114	1972	NA
Radeon HD 2400 XT	118	1953	NA
Radeon HD 2600 PRO	211	1803	1.12
Radeon HD 2600 Pro AGP	110	1987	NA
Radeon HD 2600 XT	282	1731	1.78
Radeon HD 2900 GT	292	1721	NA
Radeon HD 2900 PRO	627	1366	NA
Radeon HD 2900 XT	659	1325	NA
Radeon HD 3000	95	2030	NA
Radeon HD 3200	82	2068	NA
Radeon HD 3200	100	1999	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon HD 4270	109	1900	NA
Radeon HD 4290	140	1892	NA
Radeon HD 4300/4500 Serisi	155	1868	NA
Radeon HD 4330	113	1974	NA
Radeon HD 4350	120	1947	1.18
Radeon HD 4550	235	1778	1.51
Radeon HD 4650	230	1782	3.29
Radeon HD 4650 AGP	207	1811	NA
Radeon HD 4670	380	1644	2.66
Radeon HD 4770	894	1119	14.91
Radeon HD 4810	769	1221	NA
Radeon HD 4830	835	1157	13.93
Radeon HD 4850	939	1088	2.49
Radeon HD 4850 X2	1132	983	NA
Radeon HD 4870	1365	900	17.07
Radeon HD 4870 X2	1309	917	NA
Radeon HD 4890	1514	858	16.82
Radeon HD 5450	136	1908	1.44
Radeon HD 5470	268	1744	NA
Radeon HD 5550	370	1652	6.75
Radeon HD 5570	483	1545	2.68
Radeon HD 5600/5700	646	1339	NA
Radeon HD 5670	796	1198	11.89
Radeon HD 5750	1161	974	16.59
Radeon HD 5770	1343	909	7.07
Radeon HD 5830	1730	793	6.68
Radeon HD 5850	1979	716	6.85
Radeon HD 5870	2215	666	7.51
Radeon HD 5970	2307	636	12.82
Radeon HD 6230	179	1842	NA
Radeon HD 6850	99	2000	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon HD 6430M</u>	192	1021	NA
<u>Radeon HD 6450</u>	198	1821	2.23
<u>Radeon HD 6450 + 8470D Dual</u>	762	1228	NA
<u>Radeon HD 6450A</u>	260	1752	NA
<u>Radeon HD 6470M</u>	227	1783	0.40
<u>Radeon HD 6480G</u>	260	1753	NA
<u>Radeon HD 6480M</u>	353	1668	NA
<u>Radeon HD 6490M</u>	377	1646	0.32
<u>Radeon HD 6520G</u>	298	1716	NA
<u>Radeon HD 6530D</u>	336	1682	NA
<u>Radeon HD 6550A</u>	707	1285	NA
<u>Radeon HD 6550D</u>	401	1627	NA
<u>Radeon HD 6570</u>	559	1458	8.61
<u>Radeon HD 6610M</u>	565	1452	NA
<u>Radeon HD 6620G</u>	351	1671	NA
<u>Radeon HD 6630M</u>	684	1303	NA
<u>Radeon HD 6650A</u>	835	1158	NA
<u>Radeon HD 6650M</u>	753	1237	NA
<u>Radeon HD 6670</u>	729	1261	10.57
<u>Radeon HD 6670 + 6670 Dual</u>	646	1338	NA
<u>Radeon HD 6670 + 7660D Dual</u>	1492	867	NA
<u>Radeon HD 6670/7670</u>	945	1082	NA
<u>Radeon HD 6700M</u>	1016	1040	NA
<u>Radeon HD 6750</u>	1035	1031	12.94
<u>Radeon HD 6750M</u>	937	1090	NA
<u>Radeon HD 6770</u>	1245	935	4.70
<u>Radeon HD 6770M</u>	964	1071	NA
<u>Radeon HD 6790</u>	1605	824	5.46
<u>Radeon HD 6800M</u>	798	1195	NA
<u>Radeon HD 6850</u>	1071	718	23.10



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7310M	100	1007	NA
Radeon HD 7340	153	1869	0.28
Radeon HD 7340G	196	1824	NA
Radeon HD 7340M	221	1790	NA
Radeon HD 7350	165	1860	NA
Radeon HD 7400G	267	1745	NA
Radeon HD 7420G	308	1707	NA
Radeon HD 7450	223	1786	4.48

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7450A	288	1725	NA
Radeon HD 7450M	329	1691	NA
Radeon HD 7470	289	1724	3.55
Radeon HD 7470M	407	1623	NA
Radeon HD 7480D	282	1733	NA
Radeon HD 7500G	301	1713	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1378	NA
Radeon HD 7500G + 7550M Dual	497	1531	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1667	NA
Radeon HD 7520G	315	1703	NA
Radeon HD 7520G + 7400M Dual	486	1543	NA
Radeon HD 7520G + 7470M Dual	542	1481	NA
Radeon HD 7520G + 7500/7600 Dual	582	1427	NA
Radeon HD 7520G + 7600M Dual	591	1413	NA
Radeon HD 7520G + 7610M Dual	588	1418	NA
Radeon HD 7520G + 7650M Dual	453	1584	NA
Radeon HD 7520G + 7670M Dual	523	1505	NA
Radeon HD 7520G + 7700M Dual	1060	1020	NA
Radeon HD 7520G + 8600/8700M Dual	311	1705	NA
Radeon HD 7520G + 8750M Dual	376	1648	NA
Radeon HD 7520G + HD 7400M Dual	544	1476	NA
Radeon HD 7520G + HD 7500/7600 Dual	822	1164	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon HD 7550M/7550M</u>	120	1200	NA
<u>Radeon HD 7560D</u>	461	1574	NA
<u>Radeon HD 7560D + 6450 Dual</u>	568	1449	NA
<u>Radeon HD 7560D + 6570 Dual</u>	833	1161	NA
<u>Radeon HD 7560D + 6670 Dual</u>	1130	985	NA
<u>Radeon HD 7560D + 7560D Dual</u>	982	1061	NA
<u>Radeon HD 7560D + 7570 Dual</u>	985	1056	NA
<u>Radeon HD 7560D + 7670 Dual</u>	1426	889	NA
<u>Radeon HD 7560D + 7700 Dual</u>	1919	735	NA
<u>Radeon HD 7560D + HD 6570 Dual</u>	1237	940	NA
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	845	NA
<u>Radeon HD 7560D + HD 7000 Dual</u>	534	1489	NA
<u>Radeon HD 7560D + HD 7600 Dual</u>	1258	932	NA
<u>Radeon HD 7560D + HD 7670 Dual</u>	1380	898	NA
<u>Radeon HD 7560D + HD 7700 Dual</u>	1346	905	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon HD 7560D + HD 8570 Dual</u>	935	1091	NA
<u>Radeon HD 7560D + R5 235 Dual</u>	563	1454	NA
<u>Radeon HD 7570</u>	626	1370	6.11
<u>Radeon HD 7570M</u>	428	1603	NA
<u>Radeon HD 7570M/HD 7670M</u>	699	1293	NA
<u>Radeon HD 7580D</u>	350	1672	NA
<u>Radeon HD 7600G</u>	309	1706	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1649	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1637	NA
<u>Radeon HD 7600G + 7500M/7600M Dual</u>	405	1625	NA
<u>Radeon HD 7600G + 7550M Dual</u>	423	1610	NA
<u>Radeon HD 7600G + 8500M/8700M Dual</u>	333	1685	NA
<u>Radeon HD 7600G + HD 7400M Dual</u>	328	1692	NA
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	476	1549	NA
<u>Radeon HD 7600G + HD 7550M Dual</u>	500	1517	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7640G + 6400M Dual	320	1499	NA
Radeon HD 7640G + 7400M Dual	637	1346	NA
Radeon HD 7640G + 7450M Dual	754	1235	NA
Radeon HD 7640G + 7470M Dual	595	1407	NA
Radeon HD 7640G + 7500/7600 Dual	627	1367	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1212	NA
Radeon HD 7640G + 7600M Dual	705	1288	NA
Radeon HD 7640G + 7610M Dual	510	1516	NA
Radeon HD 7640G + 7650M Dual	747	1242	NA
Radeon HD 7640G + 7670M Dual	644	1342	NA
Radeon HD 7640G + 7690M Dual	945	1083	NA
Radeon HD 7640G + 7700M Dual	690	1297	NA
Radeon HD 7640G + 8500M Dual	585	1424	NA
Radeon HD 7640G + 8570M Dual	558	1461	NA
Radeon HD 7640G + 8600/8700M Dual	688	1299	NA
Radeon HD 7640G + 8600M Dual	249	1765	NA
Radeon HD 7640G + 8670M Dual	558	1460	NA
Radeon HD 7640G + 8750M Dual	654	1329	NA
Radeon HD 7640G + HD 7400M Dual	621	1373	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1609	NA
Radeon HD 7640G + HD 7600M Dual	704	1290	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1624	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7640G + HD 7670M Dual	518	1508	NA
Radeon HD 7640G + HD 7700M Dual	589	1416	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1358	NA
Radeon HD 7640G + HD 8500M Dual	607	1390	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1319	NA
Radeon HD 7640G + HD 8570M Dual	474	1556	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1421	NA
Radeon HD 7640G + HD 8670M Dual	677	1212	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7660D + 7340D Dual	1204	957	NA
Radeon HD 7660D + 7670 Dual	1061	1018	NA
Radeon HD 7660D + HD 6670 Dual	1484	870	NA
Radeon HD 7660D + HD 7000 Dual	633	1353	NA
Radeon HD 7660D + HD 7400 Dual	339	1679	NA
Radeon HD 7660D + HD 7700 Dual	1958	722	NA
Radeon HD 7660D + R5 235 Dual	523	1502	NA
Radeon HD 7660D + R7 240 Dual	941	1087	NA
Radeon HD 7660G	475	1552	NA
Radeon HD 7660G + 7400M Dual	588	1419	NA
Radeon HD 7660G + 7470M Dual	630	1359	NA
Radeon HD 7660G + 7600M Dual	831	1166	NA
Radeon HD 7660G + 7610M Dual	745	1247	NA
Radeon HD 7660G + 7670M Dual	743	1250	NA
Radeon HD 7660G + 7700M Dual	757	1233	NA
Radeon HD 7660G + 7730M Dual	931	1093	NA
Radeon HD 7660G + 8600M Dual	445	1590	NA
Radeon HD 7660G + 8670M Dual	587	1420	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1049	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1230	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1051	NA
Radeon HD 7660G + HD 7600M Dual	523	1504	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1576	NA
Radeon HD 7660G + HD 7670M Dual	706	1286	NA
Radeon HD 7660G + HD 7700M Dual	777	1211	NA
Radeon HD 7660G + HD 7730M Dual	881	1130	NA
Radeon HD 7660G + HD 8500M Dual	758	1231	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1244	NA
Radeon HD 7660G + HD 8600M Dual	363	1663	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 7660G + HD 8670M Dual	711	1282	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon HD 7750	1090	602	17.34
Radeon HD 7750M	1191	962	NA
Radeon HD 7770	2169	672	7.23
Radeon HD 7790	3090	516	22.07
Radeon HD 7800-serie	4029	426	NA
Radeon HD 7850	3855	439	22.68
Radeon HD 7850M	1372	899	NA
Radeon HD 7870	4640	388	26.37
Radeon HD 7870 XT	4469	401	NA
Radeon HD 7870M	1507	862	NA
Radeon HD 7950 / R9 280	4764	380	36.04
Radeon HD 7970 / R9 280X	5247	343	21.25
Radeon HD 7970M	3846	441	NA
Radeon HD 7990	5565	321	13.91
Radeon HD 8180	138	1900	NA
Radeon HD 8210	186	1835	NA
Radeon HD 8210E	193	1826	NA
Radeon HD 8240	238	1772	NA
Radeon HD 8250	217	1794	NA
Radeon HD 8280	260	1751	NA
Radeon HD 8280E	236	1774	NA
Radeon HD 8280G	269	1742	NA
Radeon HD 8310E	340	1678	NA
Radeon HD 8330	257	1757	NA
Radeon HD 8330E	266	1746	NA
Radeon HD 8350	162	1861	1.63
Radeon HD 8350G	304	1711	NA
Radeon HD 8370D	314	1704	NA
Radeon HD 8400	261	1750	NA
Radeon HD 8400E	268	1743	NA
Radeon HD 8440G	405	1600	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>Radeon HD 8470D + 6450 Dual</u>	111	1211	NA
<u>Radeon HD 8470D + 6570 Dual</u>	837	1155	NA
<u>Radeon HD 8470D + HD 6450 Dual</u>	862	1138	NA
<u>Radeon HD 8470D + HD 6670 Dual</u>	1435	881	NA
<u>Radeon HD 8470D + HD 7500 Dual</u>	1545	847	NA
<u>Radeon HD 8490</u>	263	1749	2.92
<u>Radeon HD 8500M</u>	411	1618	NA
<u>Radeon HD 8500M/8700M</u>	852	1146	NA
<u>Radeon HD 8510G</u>	365	1659	NA
<u>Radeon HD 8510G + 8500M Dual</u>	596	1405	NA
<u>Radeon HD 8510G + HD 8500M Dual</u>	629	1362	NA
<u>Radeon HD 8550D</u>	566	1450	NA
<u>Radeon HD 8550G</u>	409	1620	NA
<u>Radeon HD 8550G + 7600M Dual</u>	901	1112	NA
<u>Radeon HD 8550G + 8500M Dual</u>	602	1398	NA
<u>Radeon HD 8550G + 8570M Dual</u>	532	1492	NA
<u>Radeon HD 8550G + 8600/8700M Dual</u>	802	1190	NA
<u>Radeon HD 8550G + 8600M Dual</u>	617	1377	NA
<u>Radeon HD 8550G + 8670M Dual</u>	579	1429	NA
<u>Radeon HD 8550G + 8690M Dual</u>	664	1323	NA
<u>Radeon HD 8550G + 8750M Dual</u>	795	1199	NA
<u>Radeon HD 8550G + HD 7600M Dual</u>	854	1142	NA
<u>Radeon HD 8550G + HD 8500M Dual</u>	558	1459	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1498	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1330	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1409	NA
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1472	NA
<u>Radeon HD 8550G + HD 8750M Dual</u>	819	1179	NA
<u>Radeon HD 8550G + R5 M200 Dual</u>	619	1375	NA
<u>Radeon HD 8550G + R5 M230 Dual</u>	487	1541	NA
<u>Radeon HD 8550G + HD 8550G + HD 8600M + HD 8600M</u>	611	1391	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
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Video Card ▼

videocard name	(higher is better)	(lower is better)	(higher is better)
Radeon HD 8570D + HD 8570 Dual	1032	1032	NA
Radeon HD 8570D + R5 235 Dual	470	1561	NA
Radeon HD 8570D + R7 200 Dual	999	1050	NA
Radeon HD 8570D + R7 240 Dual	963	1072	NA
Radeon HD 8570M	428	1604	NA
Radeon HD 8600/8700M	1029	1033	NA
Radeon HD 8610G	428	1605	NA
Radeon HD 8610G + 8500M Dual	610	1388	NA
Radeon HD 8610G + 8600M Dual	588	1417	NA
Radeon HD 8610G + 8670M Dual	599	1401	NA
Radeon HD 8610G + HD 8500M Dual	645	1341	NA
Radeon HD 8610G + HD 8600M Dual	480	1546	NA
Radeon HD 8610G + HD 8670M Dual	577	1431	NA
Radeon HD 8610G + R5 M200 Dual	676	1313	NA
Radeon HD 8650D	396	1633	NA
Radeon HD 8650G	539	1485	NA
Radeon HD 8650G + 7600M Dual	741	1252	NA
Radeon HD 8650G + 7670M Dual	883	1128	NA
Radeon HD 8650G + 7700M Dual	1126	986	NA
Radeon HD 8650G + 8500M Dual	626	1369	NA
Radeon HD 8650G + 8570M Dual	654	1331	NA
Radeon HD 8650G + 8600/8700M Dual	831	1165	NA
Radeon HD 8650G + 8600M Dual	613	1382	NA
Radeon HD 8650G + 8670M Dual	635	1350	NA
Radeon HD 8650G + 8750M Dual	786	1203	NA
Radeon HD 8650G + HD 7600M Dual	819	1178	NA
Radeon HD 8650G + HD 7670M Dual	634	1352	NA
Radeon HD 8650G + HD 8570M Dual	716	1280	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1226	NA
Radeon HD 8650G + HD 8600M Dual	606	1301	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 8670D + 7700 Dual	1100	114	NA
Radeon HD 8670D + 8570 Dual	974	1065	NA
Radeon HD 8670D + HD 6670 Dual	1221	950	NA
Radeon HD 8670D + HD 7000 Dual	718	1275	NA
Radeon HD 8670D + HD 7600 Dual	1317	913	NA
Radeon HD 8670D + HD 7700 Dual	1892	740	NA
Radeon HD 8670D + R5 235 Dual	836	1156	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon HD 8670D + R5 330 Dual	746	1245	NA
Radeon HD 8670D + R7 200 Dual	949	1077	NA
Radeon HD 8670D + R7 240 Dual	1020	1038	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1539	NA
Radeon HD 8670M	520	1507	NA
Radeon HD 8690A	489	1538	NA
Radeon HD 8690M	984	1058	NA
Radeon HD 8730M	747	1243	NA
Radeon HD 8750M	962	1073	NA
Radeon HD 8790M	1305	921	NA
Radeon HD 8790M / R9 M290X	1210	952	NA
Radeon HD 8850M	973	1066	NA
Radeon HD 8850M / R9 M265X	1139	980	NA
Radeon HD 8870M	1638	814	NA
Radeon HD 8870M / R9 M270X / M370X	1799	772	NA
Radeon HD 8950	2696	562	NA
Radeon HD 8970M	3876	436	27.69
Radeon HD 8990	5214	347	NA
Radeon HD HD7850M	1651	811	NA
Radeon HDG 4670	170	1850	NA
RADEON IGP 34xM	1	2478	NA
RADEON IGP 320	3	2421	NA
Radeon IGP 320M	3	2428	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon Pro 560	3413	411	NA
Radeon Pro 560X	3677	459	NA
Radeon Pro 570	6336	289	NA
Radeon Pro 580	7753	246	NA
Radeon Pro 580X	7540	252	NA
Radeon Pro 5300	7229	260	NA
Radeon Pro 5300M	5995	306	NA
Radeon Pro 5500 XT	8330	226	NA
Radeon Pro 5500M	6815	276	NA
Radeon Pro 5600M	9414	195	NA
Radeon Pro 5700	11844	151	NA
Radeon Pro 5700 XT	12708	135	NA
Radeon Pro Duo	8296	228	2.09
Radeon PRO Ryzen 5 PRO 6650U	4066	424	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon PRO Ryzen 7 PRO 6850U	5688	314	NA
Radeon Pro SSG	10497	168	4.36
Radeon Pro V340 MxGPU	2853	535	NA
Radeon Pro V520 MxGPU	12257	146	NA
Radeon Pro Vega 16	4682	385	NA
Radeon Pro Vega 20	5299	341	NA
Radeon Pro Vega 48	11299	160	NA
Radeon Pro Vega 56	12353	143	NA
Radeon Pro Vega 64	12984	129	NA
Radeon Pro Vega II	15667	83	NA
Radeon Pro VII	15441	90	NA
Radeon Pro W5500	9133	202	22.28
Radeon Pro W5500M	2010	702	NA
Radeon Pro W5700	15421	92	23.73
Radeon PRO W6300	6137	301	NA
Radeon PRO W6400	8001	226	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon Pro WX 4170	1409	894	NA
Radeon Pro WX 5100	5615	315	15.60
Radeon Pro WX 7100	7927	239	7.56
Radeon Pro WX 7130	6577	282	NA
Radeon Pro WX 8200	13931	107	8.71
Radeon Pro WX 9100	12960	132	NA
Radeon Pro WX Vega M GL	4643	387	NA
Radeon R1E	301	1714	NA
Radeon R2	240	1770	NA
Radeon R2E	212	1802	NA
Radeon R3	303	1712	NA
Radeon R3E	205	1813	NA
Radeon R4	333	1686	0.84
Radeon R4E	487	1542	NA
Radeon R5 220	133	1915	1.56
Radeon R5 230	221	1789	2.74
Radeon R5 235	341	1675	5.68
Radeon R5 235 + HD 7560D Dual	743	1249	NA
Radeon R5 235 + HD 8570D Dual	737	1259	NA
Radeon R5 235X	277	1737	NA
Radeon R5 240	530	1497	6.24
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon R5 310	331	1687	0.66
Radeon R5 330	512	1514	1.51
Radeon R5 340	984	1060	NA
Radeon R5 420	574	1439	14.39
Radeon R5 430	937	1089	15.89
Radeon R5 435	840	1153	NA
Radeon R5 A6-7480	683	1304	NA
Radeon R5 A6-8500P	586	1422	NA
Radeon R5 A6 8400 RADEON R5 6 COMPUTE CODES	605	1394	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
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 **Video Card** ▼

Radeon R5 A240	576	1435	NA
Radeon R5 M230	413	1617	NA
Radeon R5 M240	424	1607	NA
Radeon R5 M255	532	1493	NA
Radeon R5 M315	473	1558	NA
Radeon R5 M320	439	1596	NA
Radeon R5 M330	595	1406	NA
Radeon R5 M335	548	1469	NA
Radeon R5 M420	488	1540	NA
Radeon R5 M430	648	1336	NA
Radeon R5 M435	801	1191	NA
Radeon R5 Opteron X3216	394	1634	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1519	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	472	1559	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1298	NA
Radeon R5 PRO A6-8570 2C+6G	847	1151	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1057	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1345	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	799	1192	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1004	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	832	1163	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1296	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1621	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1220	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1326	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1455	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1294	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	631	1355	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon R7 240	890	1129	5.10
Radeon R7 240 + HD 8570D Dual	917	1103	NA
Radeon R7 240 + HD 8670D Dual	930	1094	NA
Radeon R7 250	1082	1009	5.70
Radeon R7 250X	2268	651	11.70
Radeon R7 260	2891	533	32.13
Radeon R7 260X	3174	509	22.68
Radeon R7 340	1027	1035	NA
Radeon R7 360	3062	518	20.98
Radeon R7 370	4513	399	NA
Radeon R7 430	1110	995	7.38
Radeon R7 450	1938	726	6.48
Radeon R7 7850A10-7850K	551	1467	NA
Radeon R7 +8G	1190	963	NA
Radeon R7 + HD 7700 Dual	1962	720	NA
Radeon R7 + R5 330 Dual	1028	1034	NA
Radeon R7 + R5 340 Dual	1234	941	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1127	NA
Radeon R7 + R5 Dual	897	1116	NA
Radeon R7 + R7 200 Dual	1077	1013	NA
Radeon R7 + R7 240 Dual	1045	1027	NA
Radeon R7 + R7 250 Dual	1232	942	NA
Radeon R7 + R7 350 Dual	1982	713	NA
Radeon R7 A8 PRO-7600B	666	1318	NA
Radeon R7 A8-7500	907	1110	NA
Radeon R7 A8-7500 4C+6G	853	1145	NA
Radeon R7 A8-7600	784	1205	NA
Radeon R7 A8-7650K	725	1267	NA
Radeon R7 A8-7670K	848	1150	NA
Radeon R7 A8-7680	821	1176	NA
Radeon R7 A8-8650	919	1109	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
<u>Radeon R7 A10-8850</u>	113	1210	NA
<u>Radeon R7 A10-9700 RADEON</u>	924	1100	NA
<u>Radeon R7 A10-9700E RADEON</u>	1108	996	NA
<u>Radeon R7 A12-9700P RADEON</u>	740	1254	1.70
<u>Radeon R7 A12-9720P RADEON</u>	741	1253	2.03
<u>Radeon R7 A12-9730P RADEON</u>	1047	1026	NA
<u>Radeon R7 A12-9800 RADEON</u>	1118	991	NA
<u>Radeon R7 A12-9800E RADEON</u>	891	1124	6.41
<u>Radeon R7 A265</u>	993	1054	NA
<u>Radeon R7 A360</u>	629	1361	NA
<u>Radeon R7 A365</u>	781	1209	NA
<u>Radeon R7 A370</u>	1281	927	NA
<u>Radeon R7 FX-8800P</u>	829	1169	NA
<u>Radeon R7 FX-9800P RADEON</u>	740	1255	1.40
<u>Radeon R7 FX-9830P RADEON</u>	1507	861	NA
<u>Radeon R7 G</u>	869	1134	NA
<u>Radeon R7 M260</u>	491	1536	0.61
<u>Radeon R7 M260DX</u>	816	1180	NA
<u>Radeon R7 M260X</u>	1008	1045	NA
<u>Radeon R7 M265</u>	543	1478	NA
<u>Radeon R7 M265DX</u>	498	1528	NA
<u>Radeon R7 M270</u>	766	1225	NA
<u>Radeon R7 M340</u>	664	1322	NA
<u>Radeon R7 M350</u>	1134	982	NA
<u>Radeon R7 M360</u>	570	1446	NA
<u>Radeon R7 M365X</u>	768	1223	NA
<u>Radeon R7 M370</u>	1417	890	NA
<u>Radeon R7 M380</u>	1668	807	NA
<u>Radeon R7 M440</u>	896	1118	NA
<u>Radeon R7 M445</u>	945	1084	1.27
<u>Radeon R7 M460</u>	1117	900	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon R7 PRO A10-9700B	809	1310	NA
Radeon R7 PRO A10-9700E	967	1069	1.83
Radeon R7 PRO A12-8800B	597	1403	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon R7 PRO A12-8830B	593	1408	NA
Radeon R7 PRO A12-8870	904	1111	NA
Radeon R7 PRO A12-8870E	946	1081	NA
Radeon R7 PRO A12-9800	933	1092	NA
Radeon R7 PRO A12-9800B	702	1291	NA
Radeon R7 PRO A12-9800E	942	1086	NA
Radeon R7E	564	1453	NA
Radeon R8 M365DX	599	1402	NA
Radeon R8 M445DX	795	1200	NA
Radeon R8 M535DX	670	1315	NA
Radeon R9 255	1456	875	4.23
Radeon R9 260	3181	507	NA
Radeon R9 270	4306	413	NA
Radeon R9 270 / R7 370	4259	416	19.98
Radeon R9 270X	4912	370	15.05
Radeon R9 280	5585	317	NA
Radeon R9 280X	6237	294	NA
Radeon R9 285 / 380	5549	322	11.44
Radeon R9 290	8362	225	NA
Radeon R9 290 / 390	8150	231	21.45
Radeon R9 290X	8664	216	NA
Radeon R9 290X / 390X	8389	222	26.22
Radeon R9 295X2	8637	218	17.31
Radeon R9 350	2018	700	6.75
Radeon R9 360	3031	520	22.64
Radeon R9 370	4722	384	29.51
Radeon R9 380	6207	297	68.88



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon R9 M290X	3233	300	NA
Radeon R9 M295X	5150	354	3.55
Radeon R9 M360	1839	755	NA
Radeon R9 M365X	1481	871	NA
Radeon R9 M370X	1513	859	1.70
Radeon R9 M375	957	1075	NA
Radeon R9 M375X	1771	778	NA
Radeon R9 M380	2770	544	NA
Radeon R9 M385	2060	692	NA
Radeon R9 M385X	1993	708	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon R9 M390X	3346	491	NA
Radeon R9 M395	5023	364	NA
Radeon R9 M395X	5194	350	NA
Radeon R9 M470	2330	632	NA
Radeon R9 M470X	3244	499	NA
Radeon R9 M485X	3660	461	NA
Radeon RX590 GME	8524	219	NA
Radeon RX 460	4110	422	24.64
Radeon RX 470/570	8043	233	20.68
Radeon RX 480	8663	217	25.48
Radeon RX 540	1878	743	NA
Radeon RX 550	2701	560	12.06
Radeon RX 550X	2283	645	NA
Radeon RX 560	3645	462	16.88
Radeon RX 560X	3194	505	NA
Radeon RX 570X	1923	734	8.12
Radeon RX 580	8901	211	49.45
Radeon RX 580 2048SP	7735	247	NA
Radeon RX 580X	7798	244	NA
Radeon RX 590	9494	191	17.26



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon RX 5700 XT 5th Anniversary</u>	10020	13	NA
<u>Radeon RX 6300</u>	6544	285	NA
<u>Radeon RX 6400</u>	7444	257	46.82
<u>Radeon RX 6500</u>	7469	256	NA
<u>Radeon RX 6500 XT</u>	9480	193	52.67
<u>Radeon RX 6500M</u>	7930	237	NA
<u>Radeon RX 6550M</u>	9668	186	NA
<u>Radeon RX 6600</u>	15131	94	45.99
<u>Radeon RX 6600 XT</u>	16457	76	52.25
<u>Radeon RX 6600M</u>	13649	115	71.85
<u>Radeon RX 6600S</u>	14896	96	NA
<u>Radeon RX 6650 XT</u>	17484	68	47.31
<u>Radeon RX 6650M</u>	13676	113	NA
<u>Radeon RX 6700</u>	18761	56	NA
<u>Radeon RX 6700 XT</u>	19883	47	61.18
<u>Radeon RX 6700M</u>	13283	124	49.20
<u>Radeon RX 6700S</u>	14860	97	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
<u>Radeon RX 6750 XT</u>	20885	39	49.30
<u>Radeon RX 6800</u>	22296	31	58.68
<u>Radeon RX 6800 XT</u>	25155	19	52.41
<u>Radeon RX 6800M</u>	13181	126	NA
<u>Radeon RX 6800S</u>	15422	91	NA
<u>Radeon RX 6850M</u>	12274	145	NA
<u>Radeon RX 6850M XT</u>	18417	60	NA
<u>Radeon RX 6900 XT</u>	26961	12	38.41
<u>Radeon RX 6950 XT</u>	28555	10	33.49
<u>Radeon RX 7600</u>	16115	78	67.15
<u>Radeon RX 7600M XT</u>	10629	167	NA
<u>Radeon RX 7600S</u>	13428	120	NA
<u>Radeon RX 7700 XT</u>	21616	25	50.27



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1503	634	NA
Radeon RX Vega 11	2121	678	2.12
Radeon RX Vega 11 PRD	2401	614	NA
Radeon RX Vega 11 Processor	1828	760	NA
Radeon RX Vega 11 Ryzen 5 3350G	1572	841	NA
Radeon RX Vega 11 Ryzen 5 3400G	2162	673	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2056	694	NA
Radeon RX Vega 56	13422	121	17.83
Radeon RX Vega 64	14478	104	19.30
Radeon RX Vega - Renoir Ryzen 3 5300U	2340	629	NA
Radeon RX Vega M GH	6577	283	NA
Radeon RX Vega M GL	3612	464	NA
Radeon Ryzen 3 3250U	807	1186	NA
Radeon Ryzen 3 5300U	1574	839	NA
Radeon Ryzen 3 5425U	1597	832	NA
Radeon Ryzen 3 7330U	1723	796	NA
Radeon Ryzen 3 PRO 4355GE	1431	887	NA
Radeon Ryzen 3 PRO 5450U	1781	775	NA
Radeon Ryzen 3 PRO 7330U	2126	676	NA
Radeon Ryzen 5 3450U	1063	1017	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	773	NA
Radeon Ryzen 5 5500U	2123	677	NA
Radeon Ryzen 5 5560U	2002	707	NA
Radeon Ryzen 5 5600GE	2506	595	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon Ryzen 5 5600H	2416	608	NA
Radeon Ryzen 5 5600U	2092	685	NA
Radeon Ryzen 5 5625U	2171	671	NA
Radeon Ryzen 5 6600H	4014	427	NA
Radeon Ryzen 5 6600HS Creator Edition	3851	440	NA
Radeon Ryzen 5 6600U	2565	460	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon Ryzen 7 3700U	1400	690	NA
Radeon Ryzen 7 4700G	2596	581	NA
Radeon Ryzen 7 4700GE	2610	575	NA
Radeon Ryzen 7 4700U	2054	695	NA
Radeon Ryzen 7 4800H	3820	444	NA
Radeon Ryzen 7 4800HS	4817	375	NA
Radeon Ryzen 7 4800U	2295	641	NA
Radeon Ryzen 7 5700U	2287	643	NA
Radeon Ryzen 7 5800H	2767	545	NA
Radeon Ryzen 7 5800HS	2693	563	NA
Radeon Ryzen 7 5800U	2409	612	NA
Radeon Ryzen 7 5825U	2385	617	NA
Radeon Ryzen 7 6800H	5460	328	NA
Radeon Ryzen 7 6800HS	6566	284	NA
Radeon Ryzen 7 6800HS Creator Edition	5385	333	NA
Radeon Ryzen 7 6800U	4547	394	NA
Radeon Ryzen 7 7700 8-Core	1700	801	NA
Radeon Ryzen 7 7700X 8-Core	2371	620	NA
Radeon Ryzen 7 7730U	2497	597	NA
Radeon Ryzen 7 7735H	5609	316	NA
Radeon Ryzen 7 7735HS	5423	330	NA
Radeon Ryzen 7 7735U	5140	356	NA
Radeon Ryzen 7 7736U	5790	310	NA
Radeon Ryzen 7 7800X3D 8-Core	1675	805	NA
Radeon Ryzen 7 Microsoft Surface Edition	2281	646	NA
Radeon Ryzen 7 PRO 4750G	2603	577	NA
Radeon Ryzen 7 PRO 4750GE	2294	642	NA
Radeon Ryzen 7 PRO 4750U	2041	696	NA
Radeon Ryzen 7 PRO 5875U	1965	719	NA
Radeon Ryzen 7 PRO 6850H	5750	312	NA
Radeon Ryzen 7 PRO 6850HS	5610	310	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon Ryzen 9 7950X3D 16-Core	1004	620	NA
Radeon Ryzen 9 7950X 16-Core	5467	327	NA
Radeon Ryzen 9 PRO 6950HS	4558	392	NA
Radeon Ryzen 9 PRO 7945 12-Core	1731	792	NA
Radeon Ryzen Embedded R2514	1060	1019	NA
Radeon Ryzen Embedded R2544	1747	785	NA
Radeon Ryzen Embedded V2516	1527	854	NA
Radeon Ryzen Embedded V2718	1981	715	NA
Radeon Ryzen Embedded V2748	1842	753	NA
Radeon Sky 500	4763	381	NA
Radeon TM R9 A360	2105	682	NA
Radeon VE	2	2471	NA
Radeon Vega 2	506	1522	NA
Radeon Vega 3	891	1123	0.33
Radeon Vega 3 3020e	604	1396	NA
Radeon Vega 3 Athlon 300GE	1044	1028	NA
Radeon Vega 3 Athlon 300U	867	1136	NA
Radeon Vega 3 Athlon 320GE	714	1281	NA
Radeon Vega 3 Athlon 3000G	1024	1037	NA
Radeon Vega 3 Athlon Gold 3150U	612	1383	NA
Radeon Vega 3 Athlon Silver 3050e	552	1466	NA
Radeon Vega 3 Athlon Silver 3050U	855	1141	NA
Radeon Vega 3 Mobile	1025	1036	NA
Radeon Vega 3 Ryzen 3 3200U	849	1149	NA
Radeon Vega 3 Ryzen 3 3250U	805	1189	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1666	NA
Radeon Vega 3 Ryzen Embedded R1505G	771	1219	NA
Radeon Vega 6	1309	919	0.73
Radeon Vega 6 Ryzen 3 3300U	1301	922	NA
Radeon Vega 6 Ryzen 3 3350U	1526	855	NA
Radeon Vega 6 Pro 3300U /	1422	922	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1433	802	NA
Radeon Vega 10	1568	844	NA
Radeon Vega 10 Mobile	1481	872	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1598	831	NA
Radeon Vega 11	1822	762	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1960	721	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1800	771	NA
Radeon Vega Frontier Edition	13337	123	7.94
Radeon VII	16753	72	8.82
RADEON X300SE	38	2219	NA
RADEON X550	50	2166	NA
RADEON X550XT	56	2153	NA
Radeon X550XTX	70	2102	NA
RADEON X600 256MB HyperMemory	56	2152	NA
RADEON X600 PRO	67	2121	0.42
RADEON X600 SE	49	2174	0.87
RADEON X600XT	91	2045	NA
RADEON X700	72	2096	NA
RADEON X700 PRO	75	2087	NA
RADEON X700 SE	71	2100	NA
RADEON X800 GT	84	2064	NA
RADEON X800 GTO	114	1967	NA
RADEON X800 PRO	64	2129	NA
RADEON X800 PRO/GTO	73	2093	NA
RADEON X800 SE	129	1921	NA
RADEON X800 XL	69	2110	NA
RADEON X800 XT	97	2027	NA
RADEON X800 XT Platinum Edition	81	2076	NA
RADEON X800GT	79	2082	NA
RADEON X850 PRO	72	2095	NA
RADEON X850 XT	91	2079	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon X1600 X1	113	1904	NA
Radeon X1650 GTO	74	2089	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Radeon X1650 Pro	84	2059	0.53
Radeon X1650 SE	71	2101	NA
Radeon X1700 Targa Edition	116	1962	NA
Radeon X1800 GTO	140	1893	NA
Radeon X1900 CrossFire Edition	137	1906	NA
Radeon X1900 GT	145	1886	NA
Radeon X1950 CrossFire Edition	151	1871	NA
Radeon X1950 GT	106	1996	NA
Radeon X1950 Pro	112	1975	NA
RADEON XPRESS 200	29	2264	NA
RADEON XPRESS 200 CROSSFIRE	18	2304	NA
RADEON XPRESS 200M	22	2294	NA
Radeon Xpress 1100	34	2241	NA
Radeon Xpress 1150	29	2262	NA
Radeon Xpress 1200	35	2231	NA
Radeon Xpress 1250	42	2197	NA
Radeon Xpress 1270	26	2273	NA
Radeon Xpress 1300	52	2158	NA
Radeon Xpress 1300M	40	2207	NA
RadeonT 610M	1225	948	NA
RadeonT 680M Ryzen 7 7735HS	4158	418	NA
RadeonT 780M	6994	271	NA
RadeonT RX 6850M XT	14122	105	NA
Rage 128 Pro	1	2480	NA
RAGE 128 PRO AGP 4X TMDS	1	2482	NA
Rage Fury Pro/Xpert 2000 Pro	3	2443	NA
Red Hat QXL controller	31	2255	NA
RGL Drivers v3	11	2324	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
RTX A1000 6GB Laptop GPU	9971	101	NA
RTX A1000 Laptop GPU	9548	189	NA
RTX A2000	13788	111	17.93
RTX A2000 8GB Laptop GPU	10926	164	NA
RTX A2000 12GB	13644	116	NA
RTX A2000 Laptop GPU	10029	178	NA
RTX A3000 12GB Laptop GPU	14557	102	NA
RTX A3000 Laptop GPU	12489	141	NA
RTX A4000	19336	53	25.78
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
RTX A4000 Laptop GPU	15619	84	NA
RTX A4500	21707	34	20.10
RTX A4500 Embedded GPU	8372	223	NA
RTX A4500 Laptop GPU	17580	67	NA
RTX A5000	23133	24	10.37
RTX A5000 Laptop GPU	15881	82	NA
RTX A5500	21030	37	9.69
RTX A5500 Laptop GPU	17599	66	NA
RTX A6000	22833	26	5.56
RV530 PRO	118	1954	NA
Ryzen 3 4300G with Radeon Graphics	1884	742	NA
Ryzen 3 4300GE with Radeon Graphics	2251	656	NA
Ryzen 3 4300U with Radeon Graphics	1346	906	NA
Ryzen 3 5300G with Radeon Graphics	1940	725	NA
Ryzen 3 5300GE with Radeon Graphics	2004	706	NA
Ryzen 3 5300U with Radeon Graphics	1545	848	NA
Ryzen 3 5400U with Radeon Graphics	1625	818	NA
Ryzen 3 5425U with Radeon Graphics	1677	804	NA
Ryzen 3 7330U with Radeon Graphics	1758	781	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	784	NA
Ryzen 3 PRO 4200U with Radeon Graphics	1512	810	NA



Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Ryzen 5 4600HS with Radeon Graphics	1884	744	NA
Ryzen 5 4600U with Radeon Graphics	1884	741	NA
Ryzen 5 5500U with Radeon Graphics	2008	703	NA
Ryzen 5 5560U with Radeon Graphics	2114	679	NA
Ryzen 5 5600G with Radeon Graphics	2574	584	NA
Ryzen 5 5600GE with Radeon Graphics	2601	578	NA
Ryzen 5 5600H with Radeon Graphics	2410	611	NA
Ryzen 5 5600U with Radeon Graphics	2181	669	NA
Ryzen 5 5625U with Radeon Graphics	1990	709	NA
Ryzen 5 6600HS Creator Edition	3685	457	NA
Ryzen 5 6600U with Radeon Graphics	3233	501	NA
Ryzen 5 7530U with Radeon Graphics	2355	626	NA
Ryzen 5 7535U with Radeon Graphics	3529	472	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	638	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	879	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	704	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)
Ryzen 5 Pro 4650G with Radeon Graphics	2418	607	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2091	686	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1720	797	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	596	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2458	603	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2061	691	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1732	791	NA
Ryzen 5 PRO 6650U	3519	473	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3575	466	NA
Ryzen 5 PRO 7530U with Radeon Graphics	2307	637	NA
Ryzen 7 2700U with Radeon Vega	1617	821	NA
Ryzen 7 4700G with Radeon Graphics	2186	668	NA
Ryzen 7 4700GE with Radeon Graphics	2496	598	NA
Ryzen 7 4700U with Radeon Graphics	2034	697	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Va (higher is bet
Ryzen / 6800HS Creator Edition	3343	330	1NA



Video Card ▼

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