

Video Card Mark PassMark Software (stan na dzień 10.12.2021 r.)		
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
3DP Edition	826	917
9xx Soldiers sans frontiers Sigma 2	21	2037
15FF	8229	149
64MB DDR GeForce3 Ti 200	5	2111
64MB GeForce2 MX with TV Out	2	2208
128 DDR Radeon 9700 TX w/TV-Out	44	1934
128 DDR Radeon 9800 Pro	62	1874
128MB DDR Radeon 9800 Pro	66	1863
128MB RADEON X600 SE	49	1915
256MB DDR Radeon 9800 XT	37	1960
256MB RADEON X600	67	1854
7900 MOD - Radeon HD 6520G	610	1137
7900 MOD - Radeon HD 6550D	892	871
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1526
A10-8700P	513	1253
ABIT Siluro T400	3	2163
ALL-IN-WONDER 9000	4	2130
ALL-IN-WONDER 9800	23	2030
ALL-IN-WONDER RADEON 8500DV	5	2116
ALL-IN-WONDER X800 GT	84	1794
All-in-Wonder X1800XL	30	2000
All-in-Wonder X1900	127	1659
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2188
ASUS A7000	9	2074
ASUS AGP-V3800PRO v31.40H	4	2149
ASUS EAH4870x2	496	1273
Asus GTX 650 FML II EC-EGPU	720	1019
ASUS V9520-X V62.11	7	2085
B8DKMDAP	4557	252
Barco MXRT 1450	205	1546
Barco MXRT 2600	900	867
Barco MXRT 5400	1161	727
Barco MXRT 5450	1079	757
Barco MXRT 5500	2701	388
Barco MXRT 7100	180	1579
Barco MXRT 7400	900	866
Barco MXRT 7500	4319	269
Barco MXRT 7600	4943	238
BASICDISPLAY	69	1843
CARRIZO 9874	246	-1
Citrix Indirect Display Adapter	4446	260
CONNECT 3D RADEON X300	36	1965
Dell 8100	2	2214
Dell 8200	4	2151
Diamond X1300-PCIE 256MB	70	1842

EAH5450	134	1646
EG PARK	141	-1
EIZO Quadro MED-XN51LP	4955	237
Embedded Radeon E9173	1798	561
Extreme AX850 PRO	120	1681
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Familia Intel Q33 Express Chipset	10	2070
Famille de jeu de puces Express Intel 946GZ	7	2088
FireGL T2-128	30	1997
FireGL V3100	52	1897
FireGL V3200	84	1791
FireGL V3300	70	1841
FireGL V3350	68	1848
FireGL V3400	103	1737
FireGL V3600	179	1580
FireGL V5100	92	1771
FireGL V5200	114	1701
FireGL V5600	341	1413
FireGL V7100	71	1833
FireGL V7200	116	1695
FireGL V7300	128	1656
FireGL V7350	110	1714
FireGL V7600	615	1132
FireGL V7700	660	1072
FireGL V8600	838	906
FireGL V8650	550	1209
FireGL X1	59	1883
FireMV 2200 PCI	1	2231
FireMV 2200 PCIe	36	1967
FireMV 2250	45	1924
FireMV 2260	117	1691
FireMV 2400 PCIe	11	2065
FireMV 2450	73	1827
FirePro 3D V3700	178	1582
FirePro 3D V3750	341	1412
FirePro 3D V3800	472	1296
FirePro 3D V4800	853	898
FirePro 3D V5700	546	1213
FirePro 3D V5800	1231	702
FirePro 3D V7750	545	1217
FirePro 3D V7800	1867	538
FirePro 3D V8700	1206	708
FirePro 3D V8750	1271	686
FirePro 3D V8800	2437	428
FirePro 3D V9800	2811	376
FirePro 2260	112	1706
FirePro 2270	150	1610
FirePro 2450	51	1907

FirePro 2460	170	1591
FirePro M2000	400	1367
FirePro M4000	1592	606
FirePro M4000 Mobility Pro	1615	600
Firepro M4100	1059	768
FirePro M4150	982	809
FirePro M4170	1067	760
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
FirePro M5100	2102	486
FirePro M5100 FireGL V	1839	543
FirePro M5950	1314	672
FirePro M6000	1820	550
FirePro M6000 Mobility Pro	1654	590
FirePro M6100	2093	488
FirePro M6100 FireGL V	2656	396
FirePro M7740	665	1068
FirePro M40003	1364	659
FirePro R5000	2646	398
FirePro RG220	335	1418
FirePro S7000	4166	278
FirePro S7150	6276	193
FirePro S9000	5059	233
FirePro S9050	3911	-1
FirePro S10000	5235	227
FirePro V3800	332	1421
FirePro V3900	667	1065
FirePro V4900	976	812
FirePro V5700	464	1305
FirePro V5800	1182	721
FirePro V5900	1278	685
FirePro V7000	3161	344
FirePro V7800	2033	500
FirePro V7900	2322	449
FirePro V8700	1538	622
FirePro V8800	2267	-1
FirePro V9800	2726	382
FirePro W600	1751	574
FirePro W2100	882	877
FirePro W4100	1544	620
FirePro W4170M	923	851
Firepro W4190M	1108	744
FirePro W4300	2734	380
FirePro W5000	3003	361
FirePro W5100	2992	362
FirePro W5130M	1386	653
Firepro W5170M	1626	597
FirePro W6150M	1515	626
FirePro W7000	4275	273
FirePro W7000 Adapter	4339	267

FirePro W7100	4915	239
FirePro W7170M	3849	297
FirePro W8000	3453	320
FirePro W8100	7234	175
FirePro W9000	6138	198
FirePro W9100	7750	163
FireStream 9170	647	1086
FireStream 9250	1164	723
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
FireStream 9270	1341	665
FireStream 9370	2528	421
GeCube RADEON 7000	8	2076
GeForce2 Go	4	2155
GeForce2 GTS/GeForce2 Pro	3	2160
GeForce2 Integrated GPU	4	2150
GeForce2 MX	2	2200
GeForce2 MX 100/200	3	2184
GeForce2 MX with DVI-D and TV-out	4	2134
GeForce2 MX/MX 400	3	2162
GeForce2 Ti	4	2142
GeForce2 Ultra	6	2099
GeForce3	4	2131
GeForce3 Ti 200	4	2157
GeForce3 Ti 500	2	2210
GeForce4 420 Go	3	2180
GeForce4 420 Go 32M	5	2121
GeForce4 440	4	2128
GeForce4 440 Go	3	2168
GeForce4 440 Go 64M	5	2105
GeForce4 448 Go	5	2118
GeForce4 4200 Go	3	2161
GeForce4 MX 420	4	2135
GeForce4 MX 440	4	2145
GeForce4 MX 440 with AGP8X	4	2132
GeForce4 MX 440SE	4	2144
GeForce4 MX 460	4	2154
GeForce4 MX 4000	4	2148
GeForce4 MX Integrated GPU	6	2097
GeForce4 Ti 4200	5	2117
GeForce4 Ti 4400	7	2090
GeForce4 Ti 4600	5	2119
GeForce4 Ti 4800	5	2108
GeForce4 Ti 4800 SE	6	2093
GeForce9400M	105	1729
GeForce 205	126	1663
GeForce 210	97	1756
GeForce 240M GT	319	1439
GeForce 256	5	2126
GeForce 305M	190	1569

GeForce 310	121	1679
GeForce 310M	111	1711
GeForce 315	163	1599
GeForce 315M	118	1688
GeForce 320M	202	1549
GeForce 405	122	1674
GeForce 410M	248	1499
GeForce 505	186	1571
GeForce 510	252	1496
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
GeForce 605	309	1445
GeForce 610M	290	1468
GeForce 615	551	1207
GeForce 705M	455	1313
GeForce 710A	451	1321
GeForce 710M	444	1329
GeForce 720A	724	1013
GeForce 730A	772	962
GeForce 770M	3245	339
GeForce 800A	428	1344
GeForce 800M	468	1300
GeForce 810A	622	1121
GeForce 810M	398	1368
GeForce 820A	568	1190
GeForce 820M	511	1254
GeForce 825M	768	970
GeForce 830A	1004	796
GeForce 830M	1010	794
GeForce 840A	1179	722
GeForce 840M	1063	763
GeForce 845M	1429	642
GeForce 910M	578	1174
GeForce 920A	879	882
GeForce 920M	723	1014
GeForce 920MX	1088	754
GeForce 930A	1081	755
GeForce 930M	1020	787
GeForce 930MX	1319	670
GeForce 940A	1144	730
GeForce 940M	1101	746
GeForce 940MX	1513	627
GeForce 945A	1852	540
GeForce 945M	1871	537
GeForce 999 GTX	83	1797
GeForce 6100	27	2009
GeForce 6100 nForce 400	25	2018
GeForce 6100 nForce 405	22	2035
GeForce 6100 nForce 420	25	2017
GeForce 6100 nForce 430	23	2032

GeForce 6150	21	2036
GeForce 6150 LE	34	1983
GeForce 6150SE	24	2021
GeForce 6150SE nForce 430	29	2001
GeForce 6200	35	1971
GeForce 6200 A-LE	32	1992
GeForce 6200 LE	31	1994
GeForce 6200 TurboCache	45	1925
GeForce 6200A	3	2171
GeForce 6200SE TurboCache	37	1963
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GeForce 6500	38	1957
GeForce 6600	87	1786
GeForce 6600 GT	110	1715
GeForce 6600 LE	51	1905
GeForce 6610 XL	88	1785
GeForce 6700 XL	95	1759
GeForce 6800	112	1707
GeForce 6800 GS	195	1561
GeForce 6800 GS/XT	102	1740
GeForce 6800 GT	142	1625
GeForce 6800 LE	109	1719
GeForce 6800 Ultra	138	1635
GeForce 6800 XE	58	1884
GeForce 6800 XT	128	1657
GeForce 7000M	13	2059
GeForce 7000M / nForce 610M	12	2060
GeForce 7025 / nForce 630a	34	1982
GeForce 7050 / nForce 610i	24	2024
GeForce 7050 / nForce 620i	39	1954
GeForce 7050 / nForce 630i	27	2011
GeForce 7050 PV / nForce 630a	30	1998
GeForce 7100 / nForce 620i	26	2014
GeForce 7100 / nForce 630i	35	1972
GeForce 7100 GS	51	1902
GeForce 7150 / nForce 630i	33	1988
GeForce 7150M / nForce 630M	18	2045
GeForce 7200 GS	23	2031
GeForce 7300 GS	79	1813
GeForce 7300 GT	137	1637
GeForce 7300 LE	58	1887
GeForce 7300 SE	39	1953
GeForce 7300 SE/7200 GS	52	1898
GeForce 7350 LE	74	1826
GeForce 7500 LE	65	1864
GeForce 7600 GS	155	1606
GeForce 7600 GT	203	1548
GeForce 7650 GS	134	1647
GeForce 7800 GS	177	1583

GeForce 7800 GT	244	1503
GeForce 7800 GTX	290	1467
GeForce 7900 GS	291	1466
GeForce 7900 GT	258	1490
GeForce 7900 GT/GTO	247	1501
GeForce 7900 GTX	387	1376
GeForce 7950 GT	344	1411
GeForce 7950 GX2	201	1550
GeForce 7950 Xtreme	287	1470
GeForce 8100 / nForce 720a	79	1815
GeForce 8200	153	1607
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
GeForce 8200M G	71	1834
GeForce 8300	91	1777
GeForce 8300 GS	66	1859
GeForce 8400	81	1807
GeForce 8400 GS	132	1649
GeForce 8400 SE	68	1850
GeForce 8400M G	58	1885
GeForce 8400M GS	98	1751
GeForce 8400M GT	63	1869
GeForce 8500 GT	111	1713
GeForce 8600 GS	93	1767
GeForce 8600 GT	117	1690
GeForce 8600 GTS	157	1601
GeForce 8600M GS	77	1816
GeForce 8600M GT	89	1784
GeForce 8700M GT	125	1664
GeForce 8800 GS	332	1422
GeForce 8800 GT	517	1247
GeForce 8800 GTS	444	1330
GeForce 8800 GTS 512	607	1141
GeForce 8800 GTX	596	1151
GeForce 8800 Ultra	638	1096
GeForce 8800M GTS	382	1380
GeForce 8800M GTX	462	1308
GeForce 9100	81	1801
GeForce 9100M G	74	1825
GeForce 9200	140	1631
GeForce 9200M GE	156	1604
GeForce 9200M GS	99	1745
GeForce 9300	126	1661
GeForce 9300 / nForce 730i	128	1654
GeForce 9300 GE	67	1855
GeForce 9300 GS	71	1838
GeForce 9300 SE	81	1805
GeForce 9300GE	97	1753
GeForce 9300M G	84	1793
GeForce 9300M GS	90	1780

GeForce 9400	118	1687
GeForce 9400 GT	90	1781
GeForce 9400M	87	1787
GeForce 9400M G	67	1853
GeForce 9450	104	1730
GeForce 9500 GS	157	1603
GeForce 9500 GT	135	1642
GeForce 9500M	103	1736
GeForce 9500M G	121	1677
GeForce 9500M GS	103	1735
GeForce 9600 GS	329	1426
GeForce 9600 GSO	353	1405
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GeForce 9600 GSO 512	345	1410
GeForce 9600 GT	498	1267
GeForce 9600M GS	118	1684
GeForce 9600M GT	132	1650
GeForce 9600M GT / GeForce GT 220M	293	1463
GeForce 9650M GS	270	1479
GeForce 9650M GT	141	1626
GeForce 9700M GT	216	1530
GeForce 9700M GTS	325	1430
GeForce 9800 GT	479	1285
GeForce 9800 GT 1024MB	134	1645
GeForce 9800 GTX	769	969
GeForce 9800 GTX+	538	1230
GeForce 9800 GTX/9800 GTX+	627	1112
GeForce 9800 GX2	797	937
GeForce 9800 S	635	1100
GeForce 9800M GS	460	1310
GeForce 9800M GT	424	1345
GeForce 9800M GTS	378	1382
GeForce 9800M GTX	461	1309
GeForce FX 5100	7	2084
GeForce FX 5200	7	2087
GeForce FX 5200 Ultra	12	2063
GeForce FX 5200LE	7	2091
GeForce FX 5200SE	11	2064
GeForce FX 5500	8	2079
GeForce FX 5600	12	2061
GeForce FX 5600 Ultra	17	2052
GeForce FX 5600XT	9	2075
GeForce FX 5700	40	1942
GeForce FX 5700 Ultra	34	1979
GeForce FX 5700LE	24	2022
GeForce FX 5700VE	33	1987
GeForce FX 5900	34	1976
GeForce FX 5900 Ultra	41	1940
GeForce FX 5900XT	40	1946

GeForce FX 5900ZT	32	1990
GeForce FX 5950 Ultra	59	1882
GeForce FX Go5300	12	2062
GeForce FX Go5650	16	2053
GeForce FX Go5700	51	1904
GeForce FX Go 5200	8	2077
GeForce FX Go 5600	17	2050
GeForce G100	131	1651
GeForce G102M	93	1765
GeForce G105M	109	1721
GeForce G200	199	1552
GeForce G205M	91	1776
GeForce G210	103	1734
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
GeForce G210M	124	1665
GeForce G 103M	61	1875
GeForce G 105M	66	1857
GeForce Go 6100	17	2048
GeForce Go 6150	19	2041
GeForce Go 6200	15	2056
GeForce Go 6400	24	2025
GeForce Go 6600	69	1844
GeForce Go 6600 TE/6200 TE	44	1930
GeForce Go 6800	106	1728
GeForce Go 6800 Ultra	137	1638
GeForce Go 7200	45	1927
GeForce Go 7300	52	1900
GeForce Go 7400	65	1865
GeForce Go 7600	127	1658
GeForce Go 7600 GT	210	1539
GeForce Go 7700	147	1617
GeForce Go 7800	114	1700
GeForce Go 7800 GTX	209	1540
GeForce Go 7900 GS	176	1584
GeForce Go 7900 GTX	270	1478
GeForce Go 7950 GTX	263	1487
GeForce GPU	1263	688
GeForce GT625M	507	1261
GeForce GT 120	180	1578
GeForce GT 120 / 9500 GT	324	1431
GeForce GT 120M	265	1485
GeForce GT 130	376	1386
GeForce GT 130M	144	1622
GeForce GT 140	657	1075
GeForce GT 220	206	1544
GeForce GT 220M	121	1678
GeForce GT 230	323	1432
GeForce GT 230M	199	1553
GeForce GT 240	548	1211

GeForce GT 240M	208	1541
GeForce GT 320	447	1323
GeForce GT 320M	107	1725
GeForce GT 325M	170	1593
GeForce GT 330	391	1372
GeForce GT 330M	214	1533
GeForce GT 335M	393	1371
GeForce GT 340	774	957
GeForce GT 415	247	1500
GeForce GT 415M	286	1471
GeForce GT 420	405	1360
GeForce GT 420M	418	1352
GeForce GT 425M	516	1250
GeForce GT 430	587	1164
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GeForce GT 435M	521	1243
GeForce GT 440	770	967
GeForce GT 445M	880	880
GeForce GT 520	293	1461
GeForce GT 520M	285	1472
GeForce GT 520MX	296	1456
GeForce GT 525M	458	1312
GeForce GT 530	686	1046
GeForce GT 540M	491	1277
GeForce GT 545	1100	748
GeForce GT 550M	585	1167
GeForce GT 555M	696	1038
GeForce GT 610	299	1454
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1392
GeForce GT 620	358	1401
GeForce GT 620M	433	1340
GeForce GT 625	323	1434
GeForce GT 625M	435	1339
GeForce GT 630	680	1051
GeForce GT 630M	544	1220
GeForce GT 635	852	903
GeForce GT 635M	562	1196
GeForce GT 640	1191	716
GeForce GT 640M	896	870
GeForce GT 640M LE	678	1056
GeForce GT 645	2005	508
GeForce GT 645M	957	825
GeForce GT 650M	1188	720
GeForce GT 705	351	1406
GeForce GT 710	639	1095
GeForce GT 710M	445	1328
GeForce GT 720	602	1148
GeForce GT 720A	600	1149

GeForce GT 720M	464	1306
GeForce GT 730	798	935
GeForce GT 730A	742	996
GeForce GT 730M	837	908
GeForce GT 735M	580	1170
GeForce GT 740	1511	628
GeForce GT 740A	707	1029
GeForce GT 740M	783	946
GeForce GT 745A	1144	731
GeForce GT 745M	1022	786
GeForce GT 750M	1329	667
GeForce GT 755M	1599	602
GeForce GT 820M	625	1117
GeForce GT 1030	2580	411
GeForce GTS 150M	504	1262
GeForce GTS 160M	678	1054
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
GeForce GTS 240	621	1122
GeForce GTS 250	613	1134
GeForce GTS 250M	569	1188
GeForce GTS 350M	407	1357
GeForce GTS 360M	650	1082
GeForce GTS 450	1330	666
GeForce GTX 260	1204	712
GeForce GTX 260M	486	1283
GeForce GTX 275	1420	647
GeForce GTX 280	1195	715
GeForce GTX 280M	621	1124
GeForce GTX 285	1569	611
GeForce GTX 285M	675	1061
GeForce GTX 295	1147	729
GeForce GTX 460	2289	454
GeForce GTX 460 SE	1969	513
GeForce GTX 460 v2	2091	489
GeForce GTX 460M	1197	714
GeForce GTX 465	2679	391
GeForce GTX 470	3190	341
GeForce GTX 470M	1953	517
GeForce GTX 480	3986	288
GeForce GTX 480M	2050	495
GeForce GTX 485M	2359	441
GeForce GTX 550 Ti	1564	612
GeForce GTX 555	1807	555
GeForce GTX 560	2711	385
GeForce GTX 560 SE	2087	490
GeForce GTX 560 Ti	3077	353
GeForce GTX 560M	1231	703
GeForce GTX 570	3838	299
GeForce GTX 570M	1922	524

GeForce GTX 580	4493	255
GeForce GTX 580M	2373	439
GeForce GTX 590	3365	331
GeForce GTX 645	1881	536
GeForce GTX 650	1767	568
GeForce GTX 650 Ti	2554	415
GeForce GTX 650 Ti BOOST	3352	334
GeForce GTX 660	3992	286
GeForce GTX 660 Ti	4368	264
GeForce GTX 660M	1424	645
GeForce GTX 670	5345	225
GeForce GTX 670M	1805	558
GeForce GTX 670MX	1937	520
GeForce GTX 675M	1903	528
GeForce GTX 675MX	2338	447
GeForce GTX 680	5488	222
GeForce GTX 680M	3070	355
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GeForce GTX 680M KY_Bullet Edition	3568	310
GeForce GTX 680MX	4270	274
GeForce GTX 690	5601	215
GeForce GTX 745	2178	476
GeForce GTX 750	3408	325
GeForce GTX 750 Ti	3924	292
GeForce GTX 760	4755	246
GeForce GTX 760 Ti	5176	229
GeForce GTX 760 Ti OEM	5427	223
GeForce GTX 760A	1059	767
GeForce GTX 760M	1666	587
GeForce GTX 765M	1951	518
GeForce GTX 770	5873	211
GeForce GTX 770M	2799	377
GeForce GTX 775M	4208	277
GeForce GTX 780	8063	154
GeForce GTX 780 Ti	9214	124
GeForce GTX 780M	3766	303
GeForce GTX 850A	1049	771
GeForce GTX 850M	2602	407
GeForce GTX 850M - MODDED	1091	753
GeForce GTX 860M	3052	356
GeForce GTX 870M	3342	336
GeForce GTX 880M	4040	283
GeForce GTX 950	5410	224
GeForce GTX 950A	2539	418
GeForce GTX 950M	2623	402
GeForce GTX 960	6042	201
GeForce GTX 960A	2410	432
GeForce GTX 960M	3462	319
GeForce GTX 965M	3988	287

GeForce GTX 970	9723	113
GeForce GTX 970M	5874	210
GeForce GTX 970XM FORCE	6706	184
GeForce GTX 980	11257	95
GeForce GTX 980 Ti	13876	59
GeForce GTX 980M	7310	174
GeForce GTX 1050	5128	232
GeForce GTX 1050 (Mobile)	4461	257
GeForce GTX 1050 Ti	6331	192
GeForce GTX 1050 Ti (Mobile)	5918	207
GeForce GTX 1050 Ti with Max-Q Design	5504	221
GeForce GTX 1050 with Max-Q Design	3960	290
GeForce GTX 1060	9768	111
GeForce GTX 1060 3GB	9701	114
GeForce GTX 1060 5GB	8068	153
GeForce GTX 1060 (Mobile)	8160	150
GeForce GTX 1060 with Max-Q Design	7927	157
GeForce GTX 1070	13419	67
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
GeForce GTX 1070 (Mobile)	10465	103
GeForce GTX 1070 Ti	14378	54
GeForce GTX 1070 with Max-Q Design	10181	105
GeForce GTX 1080	15179	44
GeForce GTX 1080 Ti	18076	27
GeForce GTX 1080 with Max-Q Design	11128	97
GeForce GTX 1650	7751	162
GeForce GTX 1650 (Mobile)	6968	179
GeForce GTX 1650 SUPER	9969	108
GeForce GTX 1650 Ti	7455	171
GeForce GTX 1650 Ti with Max-Q Design	6244	195
GeForce GTX 1650 with Max-Q Design	5891	208
GeForce GTX 1660	11640	90
GeForce GTX 1660 SUPER	12691	75
GeForce GTX 1660 Ti	11778	89
GeForce GTX 1660 Ti (Mobile)	10176	106
GeForce GTX 1660 Ti with Max-Q Design	8525	142
GeForce GTX Titan	8526	141
GeForce GTX TITAN Black	9119	126
GeForce GTX TITAN X	13084	70
GeForce GTX TITAN Z	9095	128
GeForce MX110	1476	636
GeForce MX130	1914	526
GeForce MX150	2322	450
GeForce MX230	1896	532
GeForce MX250	2541	417
GeForce MX330	2577	413
GeForce MX350	2869	369
GeForce MX450	3745	304
GeForce PCX 5300	6	2101

GeForce PCX 5750	34	1974
GeForce PCX 5900	34	1980
GeForce RTX 2060	13881	58
GeForce RTX 2060 (Mobile)	11354	93
GeForce RTX 2060 SUPER	16440	35
GeForce RTX 2060 with Max-Q Design	9776	110
GeForce RTX 2070	16082	39
GeForce RTX 2070 (Mobile)	12354	79
GeForce RTX 2070 SUPER	18159	26
GeForce RTX 2070 Super with Max-Q Design	14450	52
GeForce RTX 2070 with Max-Q Design	12153	81
GeForce RTX 2080	18601	23
GeForce RTX 2080 (Mobile)	15107	45
GeForce RTX 2080 SUPER	19485	16
GeForce RTX 2080 Super with Max-Q Design	13975	57
GeForce RTX 2080 Ti	21716	10
GeForce RTX 2080 with Max-Q Design	13621	65
GeForce RTX 3050 Laptop GPU	9097	127
GeForce RTX 3050 Ti Laptop GPU	9367	121
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GeForce RTX 3060	16629	33
GeForce RTX 3060 Laptop GPU	12435	77
GeForce RTX 3060 Ti	19794	13
GeForce RTX 3070	21934	9
GeForce RTX 3070 Laptop GPU	14736	49
GeForce RTX 3070 Ti	22651	7
GeForce RTX 3080	24544	4
GeForce RTX 3080 Laptop GPU	16396	36
GeForce RTX 3080 Ti	26677	1
GeForce RTX 3090	26054	2
GF117	554	1206
GIGABYTE RADEON 9600 PRO	39	1952
Gigabyte RADEON X300	40	1941
GRID GTX P40-6	4340	266
GRID K1	810	930
GRID K2	2774	378
GRID K120Q	293	1460
GRID K140Q	727	1010
GRID K160Q	628	1111
GRID K180Q	533	1232
GRID K220Q	912	859
GRID K240Q	2578	412
GRID K260Q	2940	365
GRID K280Q	2362	440
GRID K520	3177	342
GRID M6-0B	911	860
GRID M6-1Q	2069	491
GRID M6-8Q	3568	311
GRID M10-0Q	913	857

GRID M10-1B	2309	451
GRID M10-1Q	3351	335
GRID M10-2B	2333	448
GRID M10-2Q	2653	397
GRID M10-4Q	3223	340
GRID M10-8Q	2606	406
GRID M60-0B	1838	544
GRID M60-0Q	827	916
GRID M60-1B	4456	258
GRID M60-1Q	4250	276
GRID M60-2Q	4315	270
GRID M60-4Q	3831	300
GRID M60-8A	5523	220
GRID M60-8Q	3883	294
GRID P6-2Q	4000	285
GRID P6-4Q	4429	263
GRID P40-2B	3354	333
GRID P40-2Q	4287	272
GRID P40-3Q	681	1050
GRID P40-4Q	777	953
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
GRID P40-24Q	4727	248
GRID P100-1B	2223	467
GRID P100-8Q	3841	298
GRID P100-16Q	5944	204
GRID RTX6000P-4Q	4283	-1
GRID RTX6000P-6Q	4818	243
GRID RTX8000-2Q	3574	-1
GRID RTX8000-4Q	3960	-1
GRID RTX8000P-2Q	3843	-1
GRID T4-1Q	2702	387
GRID T4-2Q	1850	-1
GRID T4-4Q	3405	326
GRID T4-8Q	4283	-1
GRID V100-8Q	16	2054
GRID V100D-8Q	4155	279
GT 430	223	1522
HD6450	220	1525
HIS DIGITAL HD 4650 AGP	452	1319
IGP 340M	1	2225
Incredible HD	389	1374
Incredible HD 3000	291	-1
Incredible HD 4000	517	1248
Incredible HD 4600	749	986
Intel 2nd Generation SandyBridge HD	212	1536
Intel 2nd Generation SandyBridge HD 3000	205	1547
Intel 4th Generation Haswell HD	419	1351
Intel 865 Embedded Controller	3	2170
Intel 915G,910G Express	4	2159

Intel 915G/915GV/910GL Embedded Controller Functio	4	2140
Intel 945G Embedded Chipset Function 0	4	2147
Intel 946GZ Embedded Chipset Function 0	3	2185
Intel 946GZ Express	3	2182
Intel 82845G Controller	2	2217
Intel 82845G/GL Controller	2	2205
Intel 82845G/GL/GE/PE/GV Controller	2	2195
Intel 82852/82855 GM/GME Controller	1	2228
Intel 82865G Controller	4	2139
Intel 82915G Express	5	2112
Intel 82915G/915GV/910GL	3	2169
Intel 82915G/GV/910GL Advanced v3.5	2	2204
Intel 82915G/GV/910GL Express	3	2190
Intel 82945G Express	17	2049
Intel 82945G Express-Chipsatzfamilie	8	2082
Intel - Express Chipset G41	56	1893
Intel - Express Chipset Q45/Q43	57	1888
Intel B43 Express Chipset	68	1849
Intel Coffee Lake UHD	1158	728
Intel Extreme Controller	1	2219
Intel G33/G31 Express	100	1744
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Intel G35 Express	3090	351
Intel G41 Express Chipset	74	1824
Intel G41 Express-Chipsatz	57	1890
Intel G45/G43 Express Chipset	66	1856
Intel G45/G43/G41 Express Chipset	67	1851
Intel G965 Express	24	2023
Intel GMA 3150 Express	2	2211
Intel Haswell HD - GT1	123	1672
Intel Haswell HD - GT2	139	1633
Intel HD 500	298	1455
Intel HD 505	345	1409
Intel HD 510	619	1126
Intel HD 515	612	1135
Intel HD 520	861	894
Intel HD 530	981	810
Intel HD 610	671	1062
Intel HD 615	722	1017
Intel HD 630	1134	733
Intel HD 2000	213	1535
Intel HD 3000	257	1491
Intel HD 4000	332	1420
Intel HD 4400	520	1244
Intel HD 4600	626	1116
Intel HD 5000	559	1200
Intel HD 5200	830	915
Intel HD 5300	386	1378

Intel HD 5500	580	1171
Intel HD 5600	712	1025
Intel HD 6000	852	902
Intel HD Family	453	1316
Intel HD Graphics 620	919	853
Intel HD manual-15.28-1861	62	1872
Intel HD manual-gen9_2015-133271	165	1597
Intel HD Modded	112	1709
Intel HD P530	1303	678
Intel HD P630	1249	693
Intel HD P3000	293	1459
Intel HD P4000	516	1249
Intel HD P4600	604	1145
Intel HD P4600/P4700	644	1089
Intel Infoshock HD	193	1562
Intel Iris 540	1247	694
Intel Iris 550	1326	668
Intel Iris 650	1794	563
Intel Iris 5100	760	975
Intel Iris 6100	880	881
Intel Iris Plus	1856	539
Intel Iris Plus 640	1323	669
Intel Iris Plus 645	1749	576
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Intel Iris Plus 650	1594	605
Intel Iris Plus 655	1773	567
Intel Iris Pro 580	2031	502
Intel Iris Pro 5200	1016	790
Intel Iris Pro 6100	925	850
Intel Iris Pro Graphics 6200	1435	641
Intel Iris Pro P580	2168	477
Intel Iris Pro P6300	1653	591
Intel Iris Xe	2831	373
Intel Media Accelerator	32	1989
Intel Media Accelerator 500	3	2177
Intel Media Accelerator 600	6	2092
Intel Media Accelerator 3150	2	2194
Intel Media Accelerator HD	99	1746
Intel Poison Ivy	738	1000
Intel Q33 Express	5	2107
Intel Q35 Embedded	8	2078
Intel Q35 Express	170	1592
Intel Q45/Q43 Express Chipset	143	1623
Intel Q45/Q43 Express-Chipsatz	57	1891
Intel Q965/Q963 Express	181	1574
Intel Skylake HD DT GT2	576	1178
Intel UHD	1693	582
Intel UHD 600	329	1428
Intel UHD 605	373	1389

Intel UHD 610	732	1005
Intel UHD 615	771	964
Intel UHD 617	874	885
Intel UHD 620	888	872
Intel UHD 630	1348	661
Intel UHD 730	1521	624
Intel UHD 750	1730	578
Intel UHD 770	1752	571
Intel UHD Graphics 620	1040	778
Intel UHD P630	2720	384
Intel UHD P750	1898	531
Intel US15 Embedded Media and Controller	7	2089
ION	85	1789
ION LE	97	1752
KV SPECTRE LITE MOBILE 25W	538	1227
LMIMIRR	874	883
M71-M	64	1868
M76M	124	1667
M860G with Mobility Radeon 4100	75	1822
M880G with Mobility Radeon HD 4200	92	1770
M880G with Mobility Radeon HD 4225	71	1836
M880G with Mobility Radeon HD 4250	104	1733
Master X3100 Driver	10	2068
Matrox C420 LP PCIe x16	634	1102
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Matrox C680 PCIe x16	1903	527
Matrox C900 PCIe x16	1812	552
Matrox G200e WDDM 1.2	59	1881
Matrox G200e WDDM 2.0	123	1670
Matrox G200eh	40	1944
Matrox G200eh WDDM 1.2	51	1901
Matrox G200eh WDDM 2.0	45	1928
Matrox G200eR	36	1964
Matrox G200eR WDDM 1.2	45	1926
Matrox G200eR WDDM 2.0	67	1852
Matrox G200eW	39	1948
Matrox G200eW3 WDDM 2.0	94	1763
Matrox G200eW WDDM 1.2	50	1911
Matrox M9120 PCIe x16	19	2040
Matrox M9120 Plus LP PCIe x16	5	2113
Matrox M9125 PCIe x16	25	2016
Matrox M9128 LP PCIe x16	28	2005
Matrox M9138 LP PCIe x16	42	1938
Matrox M9140 LP PCIe x16	23	2029
Matrox M9148 LP PCIe x16	9	2071
Matrox Millennium P650 PCIe 128	5	2122
Matrox Millennium P690 PCIe x16	366	1393
Matrox Millennium P690 Plus LP PCIe x16	6	2094
Matrox Parhelia 128MB	3	2179

Matrox Parhelia 256MB	9	2072
Matrox Parhelia APVe	5	2115
MCT USB3.0 External Device	520	-1
MEDION RADEON 9800 XXL	71	1835
MEDION RADEON X740XL	94	1760
MIRRORV3	1080	756
Mobile Intel965 Express	17	2051
Mobile Intel 4 Express-Chipsatzfamilie	44	1933
Mobile Intel 45 Express	51	1906
Mobile Intel 45 Express-Chipsatzfamilie	117	1692
Mobile Intel 915GM/GMS/910GML Express	2	2215
Mobile Intel 945 Express	1	2222
Mobile Intel 945GM Express	5	2109
Mobile Intel 945GM/GU Express	5	2123
Mobile Intel 965 Express	61	1876
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2080
Mobile Intel 965 Express-Chipsatzfamilie	24	2026
Mobile Intel - famiglia Express Chipset 45	38	1956
Mobile Intel HD	284	1473
Mobile Intel serie 4 Express	44	1932
MOBILITY FIREGL 7800	4	2136
MOBILITY FIREGL T2	40	1943
MOBILITY FIREGL T2/T2e	33	1985
MOBILITY FireGL V3200	62	1873
MOBILITY FireGL V5000	81	1804
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
MOBILITY FireGL V5200	44	1929
MOBILITY FireGL V5250	27	2007
Mobility FireGL V5725	219	1528
MOBILITY IGP 9000/9100	10	2069
Mobility Radeon 4100	81	1809
MOBILITY RADEON 7000 IGP	6	2100
MOBILITY RADEON 7500	3	2173
MOBILITY RADEON 9000	3	2183
MOBILITY RADEON 9000 IGP	7	2083
MOBILITY RADEON 9000/9100 IGP	5	2114
MOBILITY RADEON 9100 IGP	2	2193
MOBILITY RADEON 9200	3	2192
MOBILITY RADEON 9550	30	1999
MOBILITY RADEON 9600	36	1968
MOBILITY RADEON 9600 PRO TURBO	24	2020
MOBILITY RADEON 9600/9700	39	1951
MOBILITY RADEON 9700	27	2006
MOBILITY RADEON 9800	46	1923
Mobility Radeon HD 530v	174	1586
Mobility Radeon HD 540v	188	1570
Mobility Radeon HD 545v	199	1554
Mobility Radeon HD 550v	266	1484

Mobility Radeon HD 560v	318	1441
Mobility Radeon HD 565v	353	1404
Mobility Radeon HD 2300	50	1909
Mobility Radeon HD 2400	89	1783
Mobility Radeon HD 2400 XT	102	1741
Mobility Radeon HD 2600	167	1594
Mobility Radeon HD 2600 XT	191	1566
Mobility Radeon HD 3400 Serisi	111	1712
Mobility Radeon HD 3410	62	1871
Mobility Radeon HD 3430	98	1750
Mobility Radeon HD 3450	91	1778
Mobility Radeon HD 3470	93	1766
Mobility Radeon HD 3470 Hybrid X2	93	1764
Mobility Radeon HD 3650	127	1660
Mobility Radeon HD 3670	232	1514
Mobility Radeon HD 3850	365	1395
Mobility Radeon HD 3870	547	1212
Mobility Radeon HD 3870 X2	477	1289
Mobility Radeon HD 4200	90	1779
Mobility Radeon HD 4225	66	1862
Mobility Radeon HD 4250	98	1748
Mobility Radeon HD 4270	92	1769
Mobility Radeon HD 4300 Serisi	73	1830
Mobility Radeon HD 4330	135	1641
Mobility Radeon HD 4350	148	1616
Mobility Radeon HD 4550	191	1568
Mobility Radeon HD 4570	133	1648
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Mobility Radeon HD 4650	401	1366
Mobility Radeon HD 4670	463	1307
Mobility Radeon HD 4830	511	1255
Mobility Radeon HD 4850	866	889
Mobility Radeon HD 4870	719	1020
Mobility Radeon HD 5000	773	961
Mobility Radeon HD 5000 Serisi	478	1287
Mobility Radeon HD 5165	284	1475
Mobility Radeon HD 5430	181	1575
Mobility Radeon HD 5450	214	1534
Mobility Radeon HD 5470	236	1511
Mobility Radeon HD 5570	544	1219
Mobility Radeon HD 5650	455	1314
Mobility Radeon HD 5730	494	1276
Mobility Radeon HD 5850	763	973
Mobility Radeon HD 5870	1048	773
Mobility Radeon HD serie 4200	96	1757
MOBILITY RADEON X300	33	1984
MOBILITY RADEON X600	50	1910
MOBILITY RADEON X600 SE	49	1913
MOBILITY RADEON X700	66	1858

MOBILITY RADEON X700 XL	59	1878
Mobility Radeon X1300	39	1949
Mobility Radeon X1350	39	1947
Mobility Radeon X1400	42	1935
Mobility Radeon X1450	33	1986
Mobility Radeon X1600	92	1773
Mobility Radeon X1700	104	1731
MOBILITY RADEON X1800	130	1652
Mobility Radeon X1900	134	1643
Mobility Radeon X2300	48	1918
Mobility Radeon X2300 HD	48	1916
Mobility Radeon X2500	81	1803
MOBILITY RADEON XPRESS 200	27	2010
Mobility Radeon. HD 5470	215	1532
MOBILITY/RADEON 9000	4	2156
MONSTER GeForce GTX 675M	2637	400
MxGPU	1826	548
N16P-GX	1204	709
N18E-Q1	2525	422
nForce 750a SLI	83	1799
nForce 760i SLI	140	1632
nForce 780a SLI	92	1774
nForce 980a/780a SLI	81	1806
NV44	15	2055
NVIDIA TITAN X	13659	64
NVIDIA TITAN Xp	18280	25
NVS 300	113	1704
NVS 310	244	1502
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
NVS 315	291	1465
NVS 510	729	1008
NVS 810	1128	736
NVS 2100M	139	1634
NVS 3100M	114	1699
NVS 4200M	254	1494
NVS 5100M	196	1559
NVS 5200M	538	1228
NVS 5400M	634	1103
OPAL XT/GL	1053	769
OpenXT Display Driver	30	1996
P104-100	4449	-1
P106-090	2402	433
P106-100	5967	202
PHDGD Ivy 4	374	1387
PHDGD Ivy 5	445	1327
PHDGD Quantic C3	116	1693
PHDGD Sapphire GR for Mobile Intel 965	25	2015
PHDGD Solo 1.2.0 x86	11	2067
PHDGD Solo 2 x64	20	2039

Professional HD Driver	653	1080
Q12U-1	5164	230
Quadro2 MXR/EX	4	2146
Quadro2 Pro	1	2230
Quadro4 380 XGL	6	2095
Quadro4 900 XGL	4	2129
Quadro4 980 XGL	5	2127
Quadro 280 NVS PCIe	5	2110
Quadro 400	150	1611
Quadro 410	404	1363
Quadro 500M	664	1070
Quadro 600	546	1214
Quadro 1000M	602	1146
Quadro 1100M	755	983
Quadro 2000	940	840
Quadro 2000 D	1239	695
Quadro 2000D	963	822
Quadro 2000M	795	940
Quadro 2100M	1100	750
Quadro 3000M	1028	783
Quadro 4000	1488	633
Quadro 4000M	1299	681
Quadro 5000	2011	506
Quadro 5000M	2059	494
Quadro 5010M	1891	534
Quadro 6000	2669	395
Quadro 7000	3505	315
Quadro CX	947	834
Quadro FX 350	85	1790
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Quadro FX 350M	44	1931
Quadro FX 360M	86	1788
Quadro FX 370	83	1798
Quadro FX 370 Low Profile	102	1738
Quadro FX 370 LP	108	1724
Quadro FX 370M	93	1768
Quadro FX 380	185	1572
Quadro FX 380 LP	136	1640
Quadro FX 380M	124	1669
Quadro FX 500/600 PCI	14	2057
Quadro FX 500/FX 600	7	2086
Quadro FX 540	80	1811
Quadro FX 550	63	1870
Quadro FX 560	113	1703
Quadro FX 570	115	1697
Quadro FX 570M	122	1676
Quadro FX 580	142	1624
Quadro FX 770M	197	1557
Quadro FX 880M	227	1518

Quadro FX 1000	34	1978
Quadro FX 1100	35	1969
Quadro FX 1300	34	1977
Quadro FX 1400	124	1668
Quadro FX 1500	175	1585
Quadro FX 1500M	171	1589
Quadro FX 1600M	185	1573
Quadro FX 1700	118	1689
Quadro FX 1700M	180	1577
Quadro FX 1800	404	1365
Quadro FX 1800M	472	1295
Quadro FX 2000	18	2047
Quadro FX 2500M	217	1529
Quadro FX 2700	543	1222
Quadro FX 2700M	373	1390
Quadro FX 2800M	414	1355
Quadro FX 3000	69	1847
Quadro FX 3400/4400	104	1732
Quadro FX 3450	148	1614
Quadro FX 3450/4000 SDI	174	1587
Quadro FX 3500	315	1443
Quadro FX 3500M	306	1448
Quadro FX 3600M	466	1301
Quadro FX 3700	387	1377
Quadro FX 3700M	498	1268
Quadro FX 3800	777	955
Quadro FX 3800M	592	1156
Quadro FX 4000	101	1743
Quadro FX 4500	240	1507
Quadro FX 4500 X2	236	1512
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Quadro FX 4600	436	1336
Quadro FX 4700 X2	676	1060
Quadro FX 4800	971	816
Quadro FX 5500	242	1504
Quadro FX 5600	561	1198
Quadro FX 5800	1253	691
Quadro FX Go1400	101	1742
Quadro GP100	15548	42
Quadro GV100	12721	73
Quadro K420	779	949
Quadro K500M	480	-1
Quadro K510M	610	1138
Quadro K600	771	965
Quadro K610M	731	1007
Quadro K620	2268	461
Quadro K620M	1164	724
Quadro K1000M	773	958
Quadro K1100M	1099	751

Quadro K1200	2870	368
Quadro K2000	1563	613
Quadro K2000D	1618	598
Quadro K2000M	1031	781
Quadro K2100M	1369	658
Quadro K2200	3544	313
Quadro K2200M	3882	295
Quadro K3000M	1650	593
Quadro K3100M	2281	456
Quadro K4000	2699	389
Quadro K4000M	2044	497
Quadro K4100M	2611	405
Quadro K4200	4331	268
Quadro K5000	3937	291
Quadro K5000M	2753	379
Quadro K5100M	3279	338
Quadro K5200	5920	206
Quadro K6000	8126	152
Quadro M500M	1104	745
Quadro M520	2033	499
Quadro M600M	2142	482
Quadro M620	2826	374
Quadro M1000M	3023	358
Quadro M1200	3389	328
Quadro M2000	3983	289
Quadro M2000M	3564	312
Quadro M2200	4345	265
Quadro M3000M	5662	214
Quadro M4000	6661	186
Quadro M4000M	6693	185
Quadro M5000	9496	120
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Quadro M5000M	6913	181
Quadro M5500	7915	158
Quadro M6000	11269	94
Quadro M6000 24GB	12650	76
Quadro NVS 55/280 PCI	6	2103
Quadro NVS 110M	47	1920
Quadro NVS 120M	46	1922
Quadro NVS 130M	97	1755
Quadro NVS 135M	66	1860
Quadro NVS 140M	48	1917
Quadro NVS 150M	92	1772
Quadro NVS 160M	76	1819
Quadro NVS 210S	23	2027
Quadro NVS 210S / GeForce 6150LE	20	2038
Quadro NVS 280 PCI	8	2081
Quadro NVS 280 SD	2	2213
Quadro NVS 285	38	1955

Quadro NVS 285 128MB	38	1958
Quadro NVS 290	225	1521
Quadro NVS 295	76	1820
Quadro NVS 320M	159	1600
Quadro NVS 420	80	1812
Quadro NVS 440	37	1961
Quadro NVS 450	65	1866
Quadro NVS 510M	253	1495
Quadro P400	1630	596
Quadro P500	1585	608
Quadro P520	2153	480
Quadro P600	3302	337
Quadro P620	3669	306
Quadro P1000	4455	259
Quadro P2000	6998	178
Quadro P2000 with Max-Q Design	5050	234
Quadro P2200	9584	118
Quadro P3000	6247	194
Quadro P3200	8505	143
Quadro P3200 with Max-Q Design	9241	123
Quadro P4000	11567	91
Quadro P4000 with Max-Q Design	9082	129
Quadro P4200	9940	109
Quadro P4200 with Max-Q Design	11869	86
Quadro P5000	11870	85
Quadro P5200	12101	82
Quadro P5200 with Max-Q Design	11909	84
Quadro P6000	15475	43
Quadro RTX 3000	11239	96
Quadro RTX 3000 with Max-Q Design	8625	138
Quadro RTX 4000	15589	41
Quadro RTX 4000 (Mobile)	12910	71
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Quadro RTX 4000 with Max-Q Design	13352	68
Quadro RTX 5000	16265	37
Quadro RTX 5000 (Mobile)	14832	47
Quadro RTX 5000 with Max-Q Design	14067	55
Quadro RTX 6000	19538	15
Quadro RTX 8000	19630	14
Quadro T1000	6483	188
Quadro T1000 with Max-Q Design	6480	189
Quadro T2000	7143	177
Quadro T2000 with Max-Q Design	6915	180
Qualcomm Adreno 540 GPU	120	1682
Qualcomm Adreno 618 GPU	119	1683
Qualcomm Adreno 630 GPU	265	1486
Qualcomm Adreno 680 GPU	337	1417
QXL KMDOD	18	2042
Radeon 520	817	925

Radeon 530	943	838
Radeon 535	1064	762
Radeon 535DX	813	927
Radeon 540	1280	684
Radeon 540X	1397	651
Radeon 550X	1429	643
Radeon 620	906	863
Radeon 625	1201	713
Radeon 630	1281	682
Radeon 2100	59	1879
Radeon 3000	98	1749
Radeon 3100	73	1828
Radeon 6600M	565	1191
Radeon 6750M	911	862
Radeon 7000 / Radeon VE	2	2202
RADEON 7000 / RADEON VE Family	3	2165
RADEON 7200	2	2196
RADEON 7500	3	2186
RADEON 7500 Family	4	2137
RADEON 8500 Family	6	2096
RADEON 9000	4	2141
RADEON 9000 Family	3	2175
RADEON 9100 Family	6	2102
RADEON 9100 IGP	5	2120
RADEON 9200	3	2172
RADEON 9200 LE Family	2	2206
RADEON 9200 PRO Family	2	2197
RADEON 9200 SE	2	2209
RADEON 9250	2	2207
RADEON 9500	36	1966
RADEON 9500 PRO / 9700	41	1939
RADEON 9550	34	1975
Radeon 9550 / X1050	29	2004
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
RADEON 9600 Family	25	2019
RADEON 9600 PRO	42	1936
RADEON 9600 PRO Family	26	2012
RADEON 9600 TX Family	18	2044
RADEON 9600 XT	35	1973
RADEON 9600SE	27	2008
RADEON 9700 PRO	53	1896
RADEON 9800	57	1889
RADEON 9800 PRO	59	1880
RADEON 9800 SE	23	2028
RADEON 9800 XT	56	1892
RADEON A9800XT	22	2033
RADEON E2400	51	1903
RADEON E4690	405	1362
Radeon E6460	323	1433

Radeon E6465	231	1515
Radeon E6760	973	814
Radeon E8860	1577	609
Radeon E8870PCle	3368	330
Radeon HD4650	239	1509
Radeon HD4670	365	1394
RADEON HD6370D	320	1438
RADEON HD6410D	422	1348
RADEON HD6530D	531	1235
RADEON HD7450	199	1555
Radeon HD8530M	490	1278
Radeon HD8970M	3368	329
Radeon HD 2350	76	1818
Radeon HD 2400	120	1680
Radeon HD 2400 PCI	14	2058
Radeon HD 2400 Pro	114	1702
Radeon HD 2400 XT	118	1685
Radeon HD 2600 PRO	211	1538
Radeon HD 2600 Pro AGP	110	1716
Radeon HD 2600 XT	282	1476
Radeon HD 2900 GT	292	1464
Radeon HD 2900 PRO	627	1113
Radeon HD 2900 XT	659	1073
Radeon HD 3000	95	1758
Radeon HD 3200	82	1800
Radeon HD 3300	126	1662
Radeon HD 3450	94	1761
Radeon HD 3470	89	1782
Radeon HD 3650 AGP	150	1612
Radeon HD 3670	149	1613
Radeon HD 3850	416	1354
Radeon HD 3850 AGP	432	1342
Radeon HD 3850 X2	822	919
Radeon HD 3870	573	1184
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon HD 3870 X2	708	1027
Radeon HD 4200	111	1710
Radeon HD 4250	122	1673
Radeon HD 4270	109	1717
Radeon HD 4290	140	1628
Radeon HD 4300/4500 Serisi	155	1605
Radeon HD 4330	109	1722
Radeon HD 4350	102	1739
Radeon HD 4550	235	1513
Radeon HD 4650	220	1527
Radeon HD 4650 AGP	207	1542
Radeon HD 4670	381	1381
Radeon HD 4770	905	864
Radeon HD 4810	769	968

Radeon HD 4830	873	886
Radeon HD 4850	948	832
Radeon HD 4850 X2	1132	734
Radeon HD 4870	1376	655
Radeon HD 4870 X2	1309	674
Radeon HD 4890	1521	625
Radeon HD 5450	137	1636
Radeon HD 5470	268	1483
Radeon HD 5550	383	1379
Radeon HD 5570	474	1293
Radeon HD 5600/5700	660	1071
Radeon HD 5670	785	944
Radeon HD 5750	1161	725
Radeon HD 5770	1347	663
Radeon HD 5830	1758	569
Radeon HD 5850	1982	509
Radeon HD 5870	2264	463
Radeon HD 5970	2254	464
Radeon HD 6230	179	1581
Radeon HD 6250	94	1762
Radeon HD 6290	109	1723
Radeon HD 6290M	140	1630
Radeon HD 6300M	145	1620
Radeon HD 6310	122	1675
Radeon HD 6320	148	1615
Radeon HD 6320 Graphic	216	1531
Radeon HD 6320M	198	1556
RADEON HD 6350	140	1627
Radeon HD 6370D	269	1481
Radeon HD 6370M	275	1477
Radeon HD 6380G	197	1558
Radeon HD 6410D	226	1519
Radeon HD 6430M	192	1565
Radeon HD 6450	200	1551
Radeon HD 6450 + 8470D Dual	762	974
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon HD 6450A	260	1488
Radeon HD 6470M	228	1517
Radeon HD 6480G	255	1492
Radeon HD 6480M	353	1403
Radeon HD 6490M	377	1383
Radeon HD 6520G	306	1446
Radeon HD 6530D	321	1437
Radeon HD 6550A	707	1028
Radeon HD 6550D	417	1353
Radeon HD 6570	494	1275
Radeon HD 6610M	565	1192
Radeon HD 6620G	360	1400
Radeon HD 6630M	684	1049

Radeon HD 6650A	835	910
Radeon HD 6650M	745	992
Radeon HD 6670	738	1001
Radeon HD 6670 + 6670 Dual	646	1087
Radeon HD 6670 + 7660D Dual	1492	632
Radeon HD 6670/7670	945	835
Radeon HD 6700M	1016	789
Radeon HD 6750	1012	793
Radeon HD 6750M	937	841
Radeon HD 6770	1216	705
Radeon HD 6770M	964	820
Radeon HD 6790	1587	607
Radeon HD 6800M	727	1011
Radeon HD 6850	1980	511
Radeon HD 6850 X2	2534	419
Radeon HD 6870	2220	468
Radeon HD 6900M	1725	579
Radeon HD 6950	2676	393
Radeon HD 6970	2860	370
Radeon HD 6970M	2270	458
Radeon HD 6990	3004	360
Radeon HD 7290	115	1698
Radeon HD 7290M	123	1671
Radeon HD 7310	128	1655
Radeon HD 7310 - Carte graphique	174	1588
Radeon HD 7310G	180	1576
Radeon HD 7310M	166	1596
Radeon HD 7340	157	1602
Radeon HD 7340G	196	1560
Radeon HD 7340M	221	1524
Radeon HD 7350	193	1564
Radeon HD 7400G	293	1462
Radeon HD 7420G	306	1447
Radeon HD 7450	226	1520
Radeon HD 7450A	288	1469
Radeon HD 7450M	329	1427
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon HD 7470	316	1442
Radeon HD 7470M	407	1358
Radeon HD 7480D	284	1474
Radeon HD 7500G	330	1425
Radeon HD 7500G + 7500M/7600M Dual	616	1130
Radeon HD 7500G + 7550M Dual	497	1272
Radeon HD 7500G + HD 7500M/7600M Dual	355	1402
Radeon HD 7520G	321	1436
Radeon HD 7520G + 7400M Dual	486	1282
Radeon HD 7520G + 7470M Dual	542	1223
Radeon HD 7520G + 7500/7600 Dual	582	1169
Radeon HD 7520G + 7600M Dual	591	1157

Radeon HD 7520G + 7610M Dual	588	1161
Radeon HD 7520G + 7650M Dual	453	1317
Radeon HD 7520G + 7670M Dual	523	1242
Radeon HD 7520G + 7700M Dual	1060	766
Radeon HD 7520G + 8600/8700M Dual	311	1444
Radeon HD 7520G + 8750M Dual	376	1384
Radeon HD 7520G + HD 7400M Dual	544	1218
Radeon HD 7520G + HD 7500/7600 Dual	832	912
Radeon HD 7520G + HD 7600M Dual	447	1324
Radeon HD 7520G + HD 7670M Dual	495	1274
Radeon HD 7520G + HD 7700M Dual	574	1180
Radeon HD 7520G + HD 8600/8700M Dual	623	1119
Radeon HD 7520G + HD 8750M Dual	651	1081
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1182
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1397
Radeon HD 7540D	334	1419
Radeon HD 7540D + 6570 Dual	719	1021
Radeon HD 7540D + 7500 Dual	821	921
Radeon HD 7540D + HD 6450 Dual	643	1092
Radeon HD 7550M	464	1304
Radeon HD 7550M/7650M	728	1009
Radeon HD 7560D	473	1294
Radeon HD 7560D + 6450 Dual	568	1189
Radeon HD 7560D + 6570 Dual	833	911
Radeon HD 7560D + 6670 Dual	1130	735
Radeon HD 7560D + 7560D Dual	982	808
Radeon HD 7560D + 7570 Dual	985	806
Radeon HD 7560D + 7670 Dual	1426	644
Radeon HD 7560D + 7700 Dual	1919	525
Radeon HD 7560D + HD 6570 Dual	1237	699
Radeon HD 7560D + HD 6670 Dual	1554	615
Radeon HD 7560D + HD 7000 Dual	534	1231
Radeon HD 7560D + HD 7600 Dual	1258	690
Radeon HD 7560D + HD 7670 Dual	1380	654
Radeon HD 7560D + HD 7700 Dual	1346	664
Radeon HD 7560D + HD 8570 Dual	935	842
Radeon HD 7560D + R5 235 Dual	563	1194
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon HD 7570	630	1109
Radeon HD 7570M	448	1322
Radeon HD 7570M/HD 7670M	699	1037
Radeon HD 7580D	350	1408
Radeon HD 7600G	323	1435
Radeon HD 7600G + 6400M Dual	376	1385
Radeon HD 7600G + 7450M Dual	389	1373
Radeon HD 7600G + 7500M/7600M Dual	405	1361
Radeon HD 7600G + 7550M Dual	423	1347

Radeon HD 7600G + 8500M/8700M Dual	469	1298
Radeon HD 7600G + HD 7400M Dual	328	1429
Radeon HD 7600G + HD 7500M/7600M Dual	555	1205
Radeon HD 7600G + HD 7550M Dual	509	1257
Radeon HD 7600G + HD 8670M Dual	543	1221
Radeon HD 7600G + HD Dual	435	1337
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1238
Radeon HD 7600M + 7600M Dual	773	959
Radeon HD 7610M	632	1106
Radeon HD 7620G	360	1399
Radeon HD 7620G + 8600M Dual	508	1258
Radeon HD 7620G + 8670M Dual	577	1177
Radeon HD 7620G + HD 8600M Dual	442	1332
Radeon HD 7620G + HD 8670M Dual	507	1260
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1320
Radeon HD 7640G	445	1326
Radeon HD 7640G + 6400M Dual	526	1237
Radeon HD 7640G + 7400M Dual	637	1098
Radeon HD 7640G + 7450M Dual	754	984
Radeon HD 7640G + 7470M Dual	595	1154
Radeon HD 7640G + 7500/7600 Dual	627	1114
Radeon HD 7640G + 7500M/7600M Dual	775	956
Radeon HD 7640G + 7600M Dual	705	1031
Radeon HD 7640G + 7610M Dual	510	1256
Radeon HD 7640G + 7650M Dual	747	988
Radeon HD 7640G + 7670M Dual	644	1090
Radeon HD 7640G + 7690M Dual	945	836
Radeon HD 7640G + 7700M Dual	690	1042
Radeon HD 7640G + 8500M Dual	585	1166
Radeon HD 7640G + 8570M Dual	558	1204
Radeon HD 7640G + 8600/8700M Dual	688	1045
Radeon HD 7640G + 8600M Dual	249	1498
Radeon HD 7640G + 8670M Dual	558	1203
Radeon HD 7640G + 8750M Dual	654	1076
Radeon HD 7640G + HD 7400M Dual	621	1123
Radeon HD 7640G + HD 7500/7600 Dual	423	1346
Radeon HD 7640G + HD 7600M Dual	704	1035
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1359
Radeon HD 7640G + HD 7670M Dual	518	1246
Radeon HD 7640G + HD 7700M Dual	589	1158
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1107
Radeon HD 7640G + HD 8500M Dual	607	1140
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1067

Radeon HD 7640G + HD 8570M Dual	474	1292
Radeon HD 7640G + HD 8600/8700M Dual	586	1165
Radeon HD 7640G + HD 8670M Dual	677	1057
Radeon HD 7640G + HD 8750M Dual	996	803
Radeon HD 7640G + R5 M200 Dual	559	1201
Radeon HD 7640G + R5 M230 Dual	238	-1
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	918
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1053
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1349
Radeon HD 7650A	563	1193
Radeon HD 7650M	453	1315
Radeon HD 7660D	515	1251
Radeon HD 7660D + 6570 Dual	1100	749
Radeon HD 7660D + 6670 Dual	1238	697
Radeon HD 7660D + 7470 Dual	465	1303
Radeon HD 7660D + 7500 Dual	1121	740
Radeon HD 7660D + 7540D Dual	1204	710
Radeon HD 7660D + 7670 Dual	1061	765
Radeon HD 7660D + HD 6670 Dual	1484	634
Radeon HD 7660D + HD 7000 Dual	633	1105
Radeon HD 7660D + HD 7400 Dual	339	1415
Radeon HD 7660D + HD 7700 Dual	1958	516
Radeon HD 7660D + R5 235 Dual	523	1241
Radeon HD 7660D + R7 240 Dual	941	839
Radeon HD 7660G	478	1288
Radeon HD 7660G + 7400M Dual	588	1162
Radeon HD 7660G + 7470M Dual	630	1108
Radeon HD 7660G + 7600M Dual	831	914
Radeon HD 7660G + 7610M Dual	745	993
Radeon HD 7660G + 7670M Dual	743	995
Radeon HD 7660G + 7700M Dual	757	980
Radeon HD 7660G + 7730M Dual	931	844
Radeon HD 7660G + 8600M Dual	445	1325
Radeon HD 7660G + 8670M Dual	587	1163
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	798
Radeon HD 7660G + HD 7500/7600 Dual	760	976
Radeon HD 7660G + HD 7500M/7600M Dual	999	801
Radeon HD 7660G + HD 7600M Dual	615	1131
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1311
Radeon HD 7660G + HD 7670M Dual	706	1030
Radeon HD 7660G + HD 7700M Dual	777	954
Radeon HD 7660G + HD 7730M Dual	881	879
Radeon HD 7660G + HD 8500M Dual	758	977
Radeon HD 7660G + HD 8600/8700M Dual	747	989
Radeon HD 7660G + HD 8600M Dual	363	1398

Radeon HD 7660G + HD 8670M Dual	711	1026
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1015
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1033
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	818
Radeon HD 7670	790	941
Radeon HD 7670A	1050	770
Radeon HD 7670M	503	1263
Radeon HD 7670M + 7670M Dual	738	1002
Radeon HD 7690M	1003	797
Radeon HD 7690M XT	1009	795
Radeon HD 7700-serie	1899	530
Radeon HD 7730	1206	707
Radeon HD 7730M	654	1077
Radeon HD 7750	1663	588
Radeon HD 7750M	1191	718
Radeon HD 7770	2188	471
Radeon HD 7790	3090	352
Radeon HD 7800-serie	4029	284
Radeon HD 7850	3787	301
Radeon HD 7850M	1372	657
Radeon HD 7870	4660	251
Radeon HD 7870 XT	4469	256
Radeon HD 7870M	1507	629
Radeon HD 7950 / R9 280	4764	245
Radeon HD 7970 / R9 280X	5247	226
Radeon HD 7970M	3094	350
Radeon HD 7990	5565	218
Radeon HD 8180	152	1608
Radeon HD 8210	191	1567
Radeon HD 8210E	193	1563
Radeon HD 8240	241	1505
Radeon HD 8250	207	1543
Radeon HD 8280	319	1440
Radeon HD 8280E	241	1506
Radeon HD 8280G	269	1480
Radeon HD 8310E	340	1414
Radeon HD 8330	251	1497
Radeon HD 8330E	240	1508
Radeon HD 8350	166	1595
Radeon HD 8350G	443	1331
Radeon HD 8370D	304	1449
Radeon HD 8400	255	1493
Radeon HD 8400E	294	1458
Radeon HD 8410G	435	1338
Radeon HD 8450G	351	1407

Radeon HD 8450G + 8600/8700M Dual	1070	759
Radeon HD 8450G + 8600M Dual	545	1216
Radeon HD 8450G + 8670M Dual	474	1291
Radeon HD 8450G + 8750M Dual	637	1099
Radeon HD 8450G + HD 8600M Dual	452	1318
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon HD 8450G + HD 8670M Dual	574	1183
Radeon HD 8450G + HD 8750M Dual	503	1264
Radeon HD 8450G + R5 M230 Dual	578	1175
Radeon HD 8470	258	1489
Radeon HD 8470D	365	1396
Radeon HD 8470D + 6450 Dual	717	1023
Radeon HD 8470D + 6570 Dual	837	907
Radeon HD 8470D + HD 6450 Dual	862	892
Radeon HD 8470D + HD 6670 Dual	1435	640
Radeon HD 8470D + HD 7500 Dual	1545	619
Radeon HD 8490	269	1482
Radeon HD 8500M	395	1369
Radeon HD 8500M/8700M	852	901
Radeon HD 8510G	371	1391
Radeon HD 8510G + 8500M Dual	596	1152
Radeon HD 8510G + HD 8500M Dual	629	1110
Radeon HD 8550D	685	1048
Radeon HD 8550G	394	1370
Radeon HD 8550G + 7600M Dual	901	865
Radeon HD 8550G + 8500M Dual	602	1147
Radeon HD 8550G + 8570M Dual	532	1233
Radeon HD 8550G + 8600/8700M Dual	802	933
Radeon HD 8550G + 8600M Dual	617	1129
Radeon HD 8550G + 8670M Dual	579	1173
Radeon HD 8550G + 8690M Dual	664	1069
Radeon HD 8550G + 8750M Dual	795	939
Radeon HD 8550G + HD 7600M Dual	854	897
Radeon HD 8550G + HD 8500M Dual	558	1202
Radeon HD 8550G + HD 8570M Dual	529	1236
Radeon HD 8550G + HD 8600/8700M Dual	654	1078
Radeon HD 8550G + HD 8600M Dual	593	1155
Radeon HD 8550G + HD 8670M Dual	546	1215
Radeon HD 8550G + HD 8750M Dual	819	924
Radeon HD 8550G + R5 M200 Dual	619	1127
Radeon HD 8550G + R5 M230 Dual	487	1280
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1136
Radeon HD 8570	964	819
Radeon HD 8570 + 8670D Dual	620	1125
Radeon HD 8570 + HD 7660D Dual	949	831
Radeon HD 8570D	439	1335
Radeon HD 8570D + 6570 Dual	1239	696
Radeon HD 8570D + 6670 Dual	1039	779

Radeon HD 8570D + HD8490 Dual	374	1388
Radeon HD 8570D + HD 6570 Dual	868	888
Radeon HD 8570D + HD 6670 Dual	1260	689
Radeon HD 8570D + HD 7000 Dual	753	985
Radeon HD 8570D + HD 7700 Dual	1834	545
Radeon HD 8570D + HD 8470 Dual	338	1416
Radeon HD 8570D + HD 8570 Dual	1032	780
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon HD 8570D + R5 235 Dual	470	1297
Radeon HD 8570D + R7 200 Dual	999	800
Radeon HD 8570D + R7 240 Dual	963	821
Radeon HD 8570M	432	1343
Radeon HD 8600/8700M	1029	782
Radeon HD 8610G	404	1364
Radeon HD 8610G + 8500M Dual	610	1139
Radeon HD 8610G + 8600M Dual	588	1159
Radeon HD 8610G + 8670M Dual	599	1150
Radeon HD 8610G + HD 8500M Dual	645	1088
Radeon HD 8610G + HD 8600M Dual	480	1284
Radeon HD 8610G + HD 8670M Dual	577	1176
Radeon HD 8610G + R5 M200 Dual	676	1059
Radeon HD 8650D	525	1239
Radeon HD 8650G	497	1271
Radeon HD 8650G + 7600M Dual	741	997
Radeon HD 8650G + 7670M Dual	883	875
Radeon HD 8650G + 7700M Dual	1126	739
Radeon HD 8650G + 8500M Dual	626	1115
Radeon HD 8650G + 8570M Dual	654	1079
Radeon HD 8650G + 8600/8700M Dual	831	913
Radeon HD 8650G + 8600M Dual	613	1133
Radeon HD 8650G + 8670M Dual	635	1101
Radeon HD 8650G + 8750M Dual	786	943
Radeon HD 8650G + HD 7600M Dual	819	923
Radeon HD 8650G + HD 7670M Dual	634	1104
Radeon HD 8650G + HD 8570M Dual	716	1024
Radeon HD 8650G + HD 8600/8700M Dual	763	972
Radeon HD 8650G + HD 8600M Dual	606	1143
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	979
Radeon HD 8650G + HD 8670M Dual	585	1168
Radeon HD 8650G + HD 8750M Dual	778	951
Radeon HD 8650G + HD 8790M Dual	799	934
Radeon HD 8650G + R5 M200 Dual	722	1016
Radeon HD 8650G + R5 M230 Dual	686	1047
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	960
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	938

Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1052
Radeon HD 8670D	539	1224
Radeon HD 8670D + 6670 Dual	1361	660
Radeon HD 8670D + 7000 Dual	811	929
Radeon HD 8670D + 7700 Dual	1788	564
Radeon HD 8670D + 8570 Dual	974	813
Radeon HD 8670D + HD 6670 Dual	1221	704
Radeon HD 8670D + HD 7000 Dual	718	1022
Radeon HD 8670D + HD 7600 Dual	1317	671
Radeon HD 8670D + HD 7700 Dual	1892	533
Radeon HD 8670D + R5 235 Dual	836	909
Radeon HD 8670D + R5 330 Dual	746	990
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon HD 8670D + R7 200 Dual	949	830
Radeon HD 8670D + R7 240 Dual	1020	788
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1279
Radeon HD 8670M	520	1245
Radeon HD 8690A	469	1299
Radeon HD 8690M	984	807
Radeon HD 8730M	665	1066
Radeon HD 8750M	874	884
Radeon HD 8790M	1305	677
Radeon HD 8790M / R9 M290X	1210	706
Radeon HD 8850M	973	815
Radeon HD 8850M / R9 M265X	1139	732
Radeon HD 8870M	1638	595
Radeon HD 8870M / R9 M270X / M370X	1799	560
Radeon HD 8950	2267	462
Radeon HD 8970M	3876	296
Radeon HD 8990	5214	228
Radeon HD HD7850M	1651	592
Radeon HDG 4670	170	1590
RADEON IGP 34xM	1	2224
RADEON IGP 320	3	2167
Radeon IGP 320M	3	2174
Radeon IGP 340M	2	2212
RADEON IGP 345M	2	2201
RADEON IGP 350M	6	2104
Radeon Infoshock 3000	106	1726
Radeon Instinct MI25 MxGPU	10466	102
Radeon M535DX	749	987
Radeon Pro	1642	594
Radeon Pro 450	2722	383
Radeon Pro 455	3112	348
Radeon Pro 460	3452	321
Radeon Pro 465	4537	254
Radeon Pro 555	3140	345

Radeon Pro 560	3475	318
Radeon Pro 560X	3677	305
Radeon Pro 570	6336	191
Radeon Pro 580	7753	161
Radeon Pro 580X	7540	167
Radeon Pro 5300	7520	168
Radeon Pro 5300M	5749	212
Radeon Pro 5500 XT	8289	148
Radeon Pro 5500M	6612	187
Radeon Pro 5600M	10484	101
Radeon Pro 5700	11844	87
Radeon Pro 5700 XT	12075	83
Radeon Pro Duo	8394	146
Radeon Pro SSG	10497	100
Radeon Pro V340 MxGPU	2853	371
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon Pro V520 MxGPU	12852	72
Radeon Pro Vega 16	4682	250
Radeon Pro Vega 20	5942	205
Radeon Pro Vega 48	11383	92
Radeon Pro Vega 56	12209	80
Radeon Pro Vega 64	12401	78
Radeon Pro Vega 64X	14630	-1
Radeon Pro Vega II	14737	48
Radeon Pro VII	16853	29
Radeon Pro W5500	9256	122
Radeon Pro W5500M	2821	375
Radeon Pro W5700	15004	46
Radeon PRO W6600	13861	61
Radeon PRO W6800	19199	18
Radeon Pro WX 2100	1751	573
Radeon Pro WX 3100	2586	410
Radeon Pro WX 3200	2533	420
Radeon Pro WX 4100	3787	302
Radeon Pro WX 4130	1692	583
Radeon Pro WX 4150	1752	572
Radeon Pro WX 4170	1409	649
Radeon Pro WX 5100	5587	216
Radeon Pro WX 7100	7806	159
Radeon Pro WX 7130	5721	213
Radeon Pro WX 8200	13782	63
Radeon Pro WX 9100	12702	74
Radeon Pro WX Vega M GL	6049	200
Radeon R1E	301	1452
Radeon R2	239	1510
Radeon R2E	229	1516
Radeon R3	302	1451
Radeon R3E	205	1545
Radeon R4	330	1424

Radeon R4E	487	1281
Radeon R5 220	134	1644
Radeon R5 230	221	1523
Radeon R5 235	302	1450
Radeon R5 235 + HD 7560D Dual	743	994
Radeon R5 235 + HD 8570D Dual	737	1003
Radeon R5 235X	295	1457
Radeon R5 240	514	1252
Radeon R5 310	331	1423
Radeon R5 330	572	1186
Radeon R5 340	1001	799
Radeon R5 420	574	1181
Radeon R5 430	929	847
Radeon R5 435	840	905
Radeon R5 A6-7480	806	932
Radeon R5 A6-8500P	625	1118
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1144
Radeon R5 A6-9500 2C+6G	853	899
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	858	895
Radeon R5 A6-9500E 2C+4G	1014	791
Radeon R5 A10-9600P 4C+6G	619	1128
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	704	1034
Radeon R5 A10-9620P 4C+6G	731	1006
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	670	1064
Radeon R5 A10-9630P 4C+6G	977	811
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	580	1172
Radeon R5 A240	576	1179
Radeon R5 M230	388	1375
Radeon R5 M240	432	1341
Radeon R5 M255	501	1265
Radeon R5 M315	476	1290
Radeon R5 M320	420	1350
Radeon R5 M330	595	1153
Radeon R5 M335	548	1210
Radeon R5 M420	479	1286
Radeon R5 M430	648	1084
Radeon R5 M435	809	931
Radeon R5 Opteron X3216	413	1356
Radeon R5 PRO A6-8500B 2C+4G	508	1259
Radeon R5 PRO A6-8530B 2C+4G	689	1044
Radeon R5 PRO A6-8570 2C+6G	847	904
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	1237	698

Radeon R5 PRO A6-8570E 2C+4G	637	1097
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	866	890
Radeon R5 PRO A6-9500 2C+6G	1096	752
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	1000	-1
Radeon R5 PRO A6-9500B 2C+4G	693	1040
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	506	-1
Radeon R5 PRO A6-9500E 2C+4G	770	966
Radeon R5 PRO A8-9600B 4C+6G	658	1074
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	787	942
Radeon R5 PRO A10-8730B 4C+6G	695	1039
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	588	1160
Radeon R5E	299	1453
Radeon R6	641	1094
Radeon R6 + R7 M265DX Dual	570	1187
Radeon R6 A8-8600P	560	1199
Radeon R6 A10-8700P	501	1266
Radeon R6 A10-9600P 4C+6G	970	817
Radeon R6 M255DX	572	1185
Radeon R6 Opteron X3418	955	826
Radeon R6 PRO A8-8600B 4C+6G	531	1234
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	524	1240
Radeon R6 PRO A10-8700B 4C+6G	538	1229
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	539	1226
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon R7 240	858	896
Radeon R7 240 + HD 8570D Dual	917	855
Radeon R7 240 + HD 8670D Dual	930	846
Radeon R7 250	1191	717
Radeon R7 250X	2268	460
Radeon R7 260	2891	367
Radeon R7 260X	3139	346
Radeon R7 340	930	845
Radeon R7 360	3072	354
Radeon R7 370	4444	262
Radeon R7 430	1161	726
Radeon R7 450	1973	512
Radeon R7 7850A10-7850K	551	1208
Radeon R7 +8G	1190	719
Radeon R7 + HD 7700 Dual	1962	515
Radeon R7 + R5 330 Dual	1028	784
Radeon R7 + R5 340 Dual	1234	700
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	873

Radeon R7 + R5 Dual	897	868
Radeon R7 + R7 200 Dual	1128	737
Radeon R7 + R7 240 Dual	1045	775
Radeon R7 + R7 250 Dual	1232	701
Radeon R7 + R7 350 Dual	1982	510
Radeon R7 A8 PRO-7600B	622	1120
Radeon R7 A8-7500	947	833
Radeon R7 A8-7500 4C+6G	853	900
Radeon R7 A8-7600	756	982
Radeon R7 A8-7650K	648	1085
Radeon R7 A8-7670K	862	893
Radeon R7 A8-7680	740	999
Radeon R7 A8-8650	912	858
Radeon R7 A8-9600 RADEON	798	936
Radeon R7 A10 Extreme Edition	816	926
Radeon R7 A10 PRO-7800B	561	1197
Radeon R7 A10 PRO-7850B	958	824
Radeon R7 A10-7700K	721	1018
Radeon R7 A10-7800	733	1004
Radeon R7 A10-7850K	960	823
Radeon R7 A10-7860K	918	854
Radeon R7 A10-7870K	1422	646
Radeon R7 A10-7890K	767	971
Radeon R7 A10-8750	883	876
Radeon R7 A10-8850	1114	743
Radeon R7 A10-9700 RADEON	997	802
Radeon R7 A10-9700E RADEON	1100	747
Radeon R7 A12-9700P RADEON	678	1055
Radeon R7 A12-9720P RADEON	757	981
Radeon R7 A12-9730P RADEON	1047	774
Radeon R7 A12-9800 RADEON	993	804
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon R7 A12-9800E RADEON	1065	761
Radeon R7 A265	954	828
Radeon R7 A360	676	1058
Radeon R7 A365	781	948
Radeon R7 A370	1281	683
Radeon R7 FX-8800P	812	928
Radeon R7 FX-9800P RADEON	726	1012
Radeon R7 FX-9830P RADEON	1062	764
Radeon R7 G	869	887
Radeon R7 M260	442	1333
Radeon R7 M260DX	822	920
Radeon R7 M260X	950	829
Radeon R7 M265	606	1142
Radeon R7 M265DX	539	1225
Radeon R7 M270	745	991
Radeon R7 M270DX	961	-1
Radeon R7 M340	643	1091

Radeon R7 M350	1027	785
Radeon R7 M360	563	1195
Radeon R7 M365X	897	869
Radeon R7 M370	1417	648
Radeon R7 M380	1668	585
Radeon R7 M440	862	891
Radeon R7 M445	911	861
Radeon R7 M460	1041	777
Radeon R7 M465	1306	675
Radeon R7 M465X	1597	603
Radeon R7 Opteron X3421	1043	776
Radeon R7 PRO A6-9500 2C+6G	781	947
Radeon R7 PRO A8-8650B	692	1041
Radeon R7 PRO A8-8670E	1309	673
Radeon R7 PRO A8-9600	1049	772
Radeon R7 PRO A10-8750B	772	963
Radeon R7 PRO A10-8770	954	827
Radeon R7 PRO A10-8770E	917	856
Radeon R7 PRO A10-8850B	945	837
Radeon R7 PRO A10-9700	819	922
Radeon R7 PRO A10-9700B	757	978
Radeon R7 PRO A10-9700E	932	843
Radeon R7 PRO A12-8800B	642	1093
Radeon R7 PRO A12-8830B	882	878
Radeon R7 PRO A12-8870	1375	656
Radeon R7 PRO A12-8870E	1127	738
Radeon R7 PRO A12-9800	1117	741
Radeon R7 PRO A12-9800B	779	950
Radeon R7 PRO A12-9800E	989	805
Radeon R7E	690	1043
Radeon R8 M365DX	740	998
Radeon R8 M445DX	783	945
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Radeon R8 M535DX	670	1063
Radeon R9 255	1251	692
Radeon R9 260	3018	359
Radeon R9 270	4306	271
Radeon R9 270 / R7 370	4259	275
Radeon R9 270X	4912	240
Radeon R9 280	5582	217
Radeon R9 280X	6229	197
Radeon R9 285	6680	-1
Radeon R9 285 / 380	5549	219
Radeon R9 290	8433	144
Radeon R9 290 / 390	8150	151
Radeon R9 290X	8799	134
Radeon R9 290X / 390X	8389	147
Radeon R9 295X2	8409	145
Radeon R9 350	1963	514

Radeon R9 360	3031	357
Radeon R9 370	4722	249
Radeon R9 380	6243	196
Radeon R9 380X	6126	199
Radeon R9 390	8966	131
Radeon R9 390X	9522	119
Radeon R9 A375	1024	-1
Radeon R9 Fury	9693	115
Radeon R9 Fury + Fury X	9741	112
Radeon R9 Fury X	10131	107
Radeon R9 M265X	927	849
Radeon R9 M270X	1204	711
Radeon R9 M275	1114	742
Radeon R9 M275X	1801	559
Radeon R9 M275X / M375	1574	610
Radeon R9 M280X	922	852
Radeon R9 M290X	3495	316
Radeon R9 M295X	5150	231
Radeon R9 M360	1810	553
Radeon R9 M365X	1481	635
Radeon R9 M370X	1391	652
Radeon R9 M375	778	952
Radeon R9 M375X	1884	535
Radeon R9 M380	2947	364
Radeon R9 M385	1826	547
Radeon R9 M385X	1929	522
Radeon R9 M390X	4892	241
Radeon R9 M395	5023	235
Radeon R9 M395X	4775	244
Radeon R9 M470	2023	504
Radeon R9 M470X	3400	327
Radeon R9 M485X	4842	242
Radeon RX590 GME	8627	137
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon RX 460	4098	281
Radeon RX 470/570	8026	155
Radeon RX 480	8644	136
Radeon RX 540	1843	541
Radeon RX 550	2729	381
Radeon RX 550X	2269	459
Radeon RX 560	3600	308
Radeon RX 560X	4123	280
Radeon RX 570X	1923	523
Radeon RX 580	8874	132
Radeon RX 580 2048SP	7719	164
Radeon RX 580X	7798	160
Radeon RX 590	9614	117
Radeon RX 640	1401	650
Radeon RX 5300	7349	172

Radeon RX 5300M	3888	293
Radeon RX 5500	8682	135
Radeon RX 5500 XT	9155	125
Radeon RX 5500M	4049	282
Radeon RX 5600	10989	99
Radeon RX 5600 XT	13790	62
Radeon RX 5600M	7469	170
Radeon RX 5700	14685	50
Radeon RX 5700 XT	16847	30
Radeon RX 5700 XT 50th Anniversary	16683	32
Radeon RX 6600	13246	69
Radeon RX 6600 XT	15685	40
Radeon RX 6600M	9033	130
Radeon RX 6700 XT	18771	22
Radeon RX 6700M	11815	88
Radeon RX 6800	20767	11
Radeon RX 6800 XT	23058	6
Radeon RX 6800M	8527	140
Radeon RX 6900 XT	25344	3
Radeon RX Vega11	1751	575
Radeon RX Vega 8	1552	616
Radeon RX Vega 10	1713	580
Radeon RX Vega 11	2134	483
Radeon RX Vega 11 PRD	2401	434
Radeon RX Vega 11 Processor	1842	542
Radeon RX Vega 56	13600	66
Radeon RX Vega 64	14664	51
Radeon RX Vega M GH	6784	182
Radeon RX Vega M GL	3361	332
Radeon Ryzen 3 4300G	1505	630
Radeon Ryzen 3 4300GE	2301	453
Radeon Ryzen 3 4300U	1301	679
Radeon Ryzen 3 5400U	955	-1
Radeon Ryzen 3 PRO 4200GE	1712	581
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon Ryzen 3 PRO 4350G	2203	469
Radeon Ryzen 3 PRO 4350GE	1667	586
Radeon Ryzen 3 PRO 4450U	1547	618
Radeon Ryzen 5 4500U	1806	556
Radeon Ryzen 5 4600G	2242	466
Radeon Ryzen 5 4600H	2979	363
Radeon Ryzen 5 4600HS	7942	-1
Radeon Ryzen 5 4600U	1833	546
Radeon Ryzen 5 5600G	2570	414
Radeon Ryzen 5 5600H	4446	261
Radeon Ryzen 5 5600U	2164	478
Radeon Ryzen 5 Microsoft Surface Edition	2046	496
Radeon Ryzen 5 PRO 4650G	2426	429
Radeon Ryzen 5 PRO 4650GE	1756	570

Radeon Ryzen 5 PRO 4650U	1776	566
Radeon Ryzen 5 PRO 5650GE	2692	390
Radeon Ryzen 5 PRO 5650U	1806	557
Radeon Ryzen 7 4700G	2342	443
Radeon Ryzen 7 4700GE	2661	-1
Radeon Ryzen 7 4700U	2059	493
Radeon Ryzen 7 4800H	5951	203
Radeon Ryzen 7 4800HS	8841	133
Radeon Ryzen 7 4800U	2285	455
Radeon Ryzen 7 5700G	2836	372
Radeon Ryzen 7 5800H	2613	403
Radeon Ryzen 7 5800U	2281	457
Radeon Ryzen 7 Microsoft Surface Edition	2378	437
Radeon Ryzen 7 PRO 4750G	2626	401
Radeon Ryzen 7 PRO 4750GE	2163	479
Radeon Ryzen 7 PRO 4750U	2022	505
Radeon Ryzen 7 PRO 5750G	2250	465
Radeon Ryzen 7 PRO 5750GE	2968	-1
Radeon Ryzen 7 PRO 5850U	2441	427
Radeon Ryzen 9 4900H	4542	253
Radeon Ryzen 9 4900HS	8572	139
Radeon Ryzen 9 4900HSS	9460	-1
Radeon Ryzen 9 5900HS	5885	209
Radeon Ryzen 9 5900HX	3656	307
Radeon Ryzen Embedded V2718	2149	481
Radeon Ryzen Embedded V2748	1296	-1
Radeon Sky 500	4736	247
Radeon TM R9 A360	2105	485
Radeon VE	2	2218
Radeon Vega 2	441	1334
Radeon Vega 3	885	874
Radeon Vega 3 Mobile	1070	758
Radeon Vega 6	1271	687
Radeon Vega 8	1596	604
Radeon Vega 8 Mobile	1444	638
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)
Radeon Vega 9	1662	589
Radeon Vega 10	1549	617
Radeon Vega 10 Mobile	1456	637
Radeon Vega 11	1820	549
Radeon Vega Frontier Edition	13862	60
Radeon VII	16752	31
RADEON X300SE	38	1959
RADEON X550	50	1908
RADEON X550XT	56	1895
Radeon X550TX	70	1840
RADEON X600 256MB HyperMemory	56	1894
RADEON X600XT	91	1775
RADEON X700	72	1832

RADEON X700 PRO	75	1821
RADEON X700 SE	71	1837
RADEON X800 GT	84	1796
RADEON X800 GTO	76	1817
RADEON X800 PRO	64	1867
RADEON X800 PRO/GTO	73	1829
RADEON X800 SE	129	1653
RADEON X800 XL	69	1845
RADEON X800 XT	97	1754
RADEON X800 XT Platinum Edition	81	1808
RADEON X800GT	79	1814
RADEON X850 PRO	72	1831
RADEON X850 XT	81	1810
RADEON X850 XT Platinum Edition	81	1802
Radeon X1050	49	1914
Radeon X1200	32	1991
Radeon X1250	37	1962
Radeon X1270	31	1995
Radeon X1300	58	1886
Radeon X1300 PRO	84	1795
Radeon X1550	66	1861
Radeon X1550 64-bit	47	1919
Radeon X1600	49	1912
Radeon X1600 Pro	98	1747
Radeon X1600 Pro / X1300XT	69	1846
Radeon X1600 XT	115	1696
Radeon X1650 GTO	74	1823
Radeon X1650 Pro	84	1792
Radeon X1650 SE	71	1839
Radeon X1700 Targa Edition	116	1694
Radeon X1800 GTO	140	1629
Radeon X1900 CrossFire Edition	137	1639
Radeon X1900 GT	145	1619
Radeon X1950 CrossFire Edition	151	1609
Radeon X1950 GT	106	1727
Radeon X1950 Pro	112	1705
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
RADEON XPRESS 200	29	2003
RADEON XPRESS 200 CROSSFIRE	18	2046
RADEON XPRESS 200M	22	2034
Radeon Xpress 1100	34	1981
Radeon Xpress 1150	29	2002
Radeon Xpress 1200	35	1970
Radeon Xpress 1250	42	1937
Radeon Xpress 1270	26	2013
Radeon Xpress 1300	52	1899
Radeon Xpress 1300M	40	1945
Radeon. HD 7730M	928	848
Radeont 540X	1795	562

RadeonT R5 430	1012	792
RadeonT R7 450	2184	474
RadeonT RX 560X	1809	554
RadeonT RX 640	1363	-1
RadeonT RX 5300	7321	173
RadeonT RX 5500M	3165	343
RadeonT Vega 3	774	-1
Rage 128 Pro	1	2227
RAGE 128 PRO AGP 4X TMDS	1	2229
Rage Fury Pro/Xpert 2000 Pro	3	2189
Red Hat QXL controller	31	1993
RGH Drivers v3	11	2066
RIVA TNT2 Model 64/Model 64 Pro	3	2166
RIVA TNT2/TNT2 Pro	3	2178
RTX A2000	14394	53
RTX A2000 Laptop GPU	10227	104
RTX A3000 Laptop GPU	14017	56
RTX A4000	19444	17
RTX A4000 Laptop GPU	16532	34
RTX A5000	23583	5
RTX A5000 Laptop GPU	18943	20
RTX A6000	22563	8
RV530 PRO	118	1686
Ryzen 3 4300G with Radeon Graphics	1902	529
Ryzen 3 4300GE with Radeon Graphics	2402	-1
Ryzen 3 4300U with Radeon Graphics	1348	662
Ryzen 3 5300G with Radeon Graphics	2377	438
Ryzen 3 5300GE with Radeon Graphics	2386	436
Ryzen 3 5400U with Radeon Graphics	1734	577
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	565
Ryzen 3 PRO 4300U with Radeon Graphics	1542	621
Ryzen 3 Pro 4350G with Radeon Graphics	2190	470
Ryzen 3 PRO 4350GE with Radeon Graphics	2180	475
Ryzen 3 PRO 4450U with Radeon Graphics	1538	623
Ryzen 3 PRO 5350G with Radeon Graphics	2341	444
Ryzen 3 PRO 5350GE with Radeon Graphics	2340	445
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
Ryzen 3 PRO 5450U with Radeon Graphics	1555	614
Ryzen 5 2500U with Radeon Vega	1503	631
Ryzen 5 4500U with Radeon Graphics	1814	551
Ryzen 5 4600G with Radeon Graphics	2061	492
Ryzen 5 4600H with Radeon Graphics	1936	521
Ryzen 5 4600U with Radeon Graphics	1951	519
Ryzen 5 5600G with Radeon Graphics	2638	399
Ryzen 5 5600GE with Radeon Graphics	2601	408
Ryzen 5 5600H with Radeon Graphics	2417	430
Ryzen 5 5600U with Radeon Graphics	2101	487
Ryzen 5 PRO 4400G with Radeon Graphics	2305	452

Ryzen 5 PRO 4400GE with Radeon Graphics	1441	639
Ryzen 5 PRO 4500U with Radeon Graphics	2007	507
Ryzen 5 Pro 4650G with Radeon Graphics	2395	435
Ryzen 5 PRO 4650GE with Radeon Graphics	2034	498
Ryzen 5 PRO 4650U with Radeon Graphics	1689	584
Ryzen 5 PRO 5650G with Radeon Graphics	2513	424
Ryzen 5 PRO 5650GE with Radeon Graphics	2518	423
Ryzen 5 PRO 5650U with Radeon Graphics	2188	472
Ryzen 7 2700U with Radeon Vega	1617	599
Ryzen 7 4700G with Radeon Graphics	2186	473
Ryzen 7 4700GE with Radeon Graphics	2496	425
Ryzen 7 4700U with Radeon Graphics	2032	501
Ryzen 7 4800H with Radeon Graphics	2113	484
Ryzen 7 4800HS with Radeon Graphics	6999	-1
Ryzen 7 4800U with Radeon Graphics	2344	442
Ryzen 7 5700G with Radeon Graphics	2708	386
Ryzen 7 5700GE with Radeon Graphics	2675	394
Ryzen 7 5800H with Radeon Graphics	2929	366
Ryzen 7 5800HS with Radeon Graphics	7391	-1
Ryzen 7 5800U with Radeon Graphics	2416	431
Ryzen 7 Extreme Edition	2339	446
Ryzen 7 PRO 4700G with Radeon Graphics	2879	-1
Ryzen 7 Pro 4750G with Radeon Graphics	2678	392
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	416
Ryzen 7 PRO 4750U with Radeon Graphics	2028	503
Ryzen 7 PRO 5750G with Radeon Graphics	2590	409
Ryzen 7 PRO 5750GE with Radeon Graphics	2612	404
Ryzen 7 PRO 5850U with Radeon Graphics	2464	426
Ryzen 9 4900H with Radeon Graphics	2713	-1
Ryzen 9 5900HS with Radeon Graphics	4967	236
Ryzen 9 5900HX with Radeon Graphics	3426	324
Ryzen 9 5980HS with Radeon Graphics	2533	-1
S3 5400EW	145	1621
S3 Chrome 430 ULP	39	1950
S3 Chrome S25 DDR2	18	2043
S3 Inc. Savage4	3	2187
S3 ProSavageDDR	1	2226
S3 SuperSavage/IXC 1014	1	2220
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2124
SAPPHIRE RADEON 9600 ATLANTIS	47	1921
Sapphire RADEON X800 GT	112	1708
SAPPHIRE Radeon X1550	61	1877
Seria Mobility Radeon HD 3400	124	1666
Seria Radeon HD 7700	1603	601
SUMO 964A	497	1270
SUMO 9640	650	1083
SUMO 9644	465	1302
T400	3448	322

T500	3600	309
T600	6766	183
T600 Laptop GPU	6389	190
T1000	7586	166
T1200 Laptop GPU	8000	156
TENSOR 1.0 Driver Intel HD 630	1299	680
Tesla C2050	3515	314
Tesla C2050 / C2070	3428	323
Tesla C2070	3101	349
Tesla C2075	3118	347
Tesla K40m	704	1032
Tesla M6	7509	169
Tesla M10	3490	317
Tesla M40	9649	116
Tesla M40 24GB	12544	-1
Tesla M60	7691	165
Tesla M2070-Q	1305	676
Tesla P100-PCIE-16GB	7225	176
Tesla T4	11091	98
Tesla T10	13263	-1
Tesla V100-SXM2-16GB	16235	38
TITAN RTX	19850	12
TITAN V	18850	21
TITAN V CEO Edition	16987	28
TITAN Xp	19106	19
TITAN Xp COLLECTORS EDITION	18302	24
TRINITY DEVASTATOR MOBILE	699	1036
TRINITY SCRAPPER MOBILE	498	1269
V9560XT V62.11	6	2098
Vanta/Vanta LT	3	2191
VIA Chrome9 HC3 IGP	2	2203
VIA Chrome9 HC IGP	4	2152
VIA Chrome9 HC IGP Family	3	2164
VIA Chrome9 HC IGP Family WDDM	3	2176
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2216
VIA Chrome9 HC IGP WDDM	2	2198
VIA Chrome9 HC IGP WDDM 1.1	2	2199
VIA Chrome9 HCM IGP	1	2223
VIA Chrome9 HD IGP	9	2073
Videocard Name	Passmark G3D Mark	Rank
	(higher is better)	(lower is better)
VIA/S3G C-645/640 GPU	163	1598
VIA/S3G Chrome 645/640 GPU	109	1720
VIA/S3G DeltaChrome IGP	3	2181
VIA/S3G KM400/KN400	4	2158
VIA/S3G UniChrome IGP	4	2153
VIA/S3G UniChrome Pro IGP	4	2138
VIA/S3G UniChromell	5	2106
VisionTek Radeon 7000	1	2221
WinFast A250 LE	4	2133

WinFast GT 610	211	1537
Xabre	5	2125
XFx Radeon HD 4650 AGP	109	1718
XGI Volari Family v1.13.23.D_V	4	2143
ZX Chrome 645/640 GPU	147	1618
zxcvIntel HD 620	943	-1