

PassMark - G3D Mark
High End Videocards - Updated 21st of September 2017

Videocard	G3D Mark
<u>NVIDIA TITAN Xp</u>	13,660
<u>GeForce GTX 1080 Ti</u>	13,403
<u>NVIDIA TITAN X</u>	13,121
<u>Quadro P6000</u>	12,798
<u>GeForce GTX 1080</u>	12,002
<u>Radeon RX Vega 64</u>	11,812
<u>GeForce GTX 980 Ti</u>	11,314
<u>Radeon Vega Frontier Edition</u>	11,296
<u>Radeon RX Vega</u>	10,968
<u>GeForce GTX 1070</u>	10,958
<u>GeForce GTX TITAN X</u>	10,672
<u>GeForce GTX 1080 with Max-Q Design</u>	10,637
<u>Quadro P4000</u>	10,443
<u>Quadro P5000</u>	10,185
<u>Quadro M6000 24GB</u>	10,091
<u>GeForce GTX 980</u>	9,569
<u>Radeon Pro Duo</u>	9,489
<u>Quadro M6000</u>	9,409
<u>Quadro M5500</u>	9,323
<u>Quadro GP100</u>	9,214
<u>GeForce GTX 780 Ti</u>	8,884
<u>GeForce GTX 1060</u>	8,714
<u>GeForce GTX 1060 3GB</u>	8,621
<u>GeForce GTX TITAN Black</u>	8,568
<u>GeForce GTX 970</u>	8,557
<u>Quadro M5000</u>	8,550
<u>Quadro P2000</u>	8,489
<u>Radeon R9 390X</u>	8,488
<u>Radeon R9 Fury + Fury X</u>	8,350
<u>FirePro W8100 Graphic Adapter</u>	8,219
<u>Radeon RX 580</u>	8,115
<u>Radeon RX 480</u>	8,115
<u>GeForce GTX 780</u>	7,972
<u>Radeon R9 390</u>	7,971
<u>GeForce GTX Titan</u>	7,891
<u>Radeon Pro WX 7100</u>	7,831
<u>GeForce GTX TITAN Z</u>	7,718
<u>Quadro K6000</u>	7,716
<u>GRID M60-2Q</u>	7,621
<u>Radeon R9 295X2</u>	7,504
<u>Radeon RX 470</u>	7,391
<u>Radeon R9 290X / 390X</u>	7,343
<u>Radeon R9 290 / 390</u>	7,060
<u>FirePro W9100</u>	6,984
<u>Radeon RX 570</u>	6,971
<u>Quadro M4000</u>	6,758
<u>GeForce GTX 1070 with Max-Q Design</u>	6,393
<u>FirePro S7150</u>	6,276
<u>GeForce GTX 1060 with Max-Q Design</u>	6,198

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<u>Quadro K5200</u>	6,130
<u>FirePro W7100 Adapter</u>	6,096
<u>GeForce GTX 770</u>	6,093
<u>Radeon R9 380X</u>	6,083
<u>Radeon R9 380</u>	6,063
<u>FirePro W8100</u>	5,872
<u>Radeon R9 280X</u>	5,808
<u>GeForce GTX 960</u>	5,803
<u>Radeon R9 M395X</u>	5,762
<u>Radeon Pro WX 5100</u>	5,738
<u>GeForce GTX 1050 Ti</u>	5,724
<u>GeForce GTX 980M</u>	5,716
<u>GeForce GTX 680</u>	5,690
<u>Radeon R9 285 / 380</u>	5,552
<u>Radeon HD 7990</u>	5,484
<u>Quadro M5000M</u>	5,469
<u>FirePro W9000</u>	5,394
<u>FirePro W7100</u>	5,374
<u>GeForce GTX 670</u>	5,373
<u>Quadro P3000</u>	5,335
<u>Radeon R9 280</u>	5,332
<u>GeForce GTX 690</u>	5,332
<u>GRID M60-1Q</u>	5,309
<u>Radeon HD 7970 / R9 280X</u>	5,248
<u>GeForce GTX 950</u>	5,201
<u>Radeon R9 M395</u>	5,190
<u>Radeon R9 M295X</u>	5,150
<u>Quadro P1000</u>	5,093
<u>GeForce GTX 760 Ti</u>	5,060
<u>GeForce GTX 580</u>	5,018
<u>GeForce GTX 760</u>	4,940
<u>FirePro W7170M</u>	4,795
<u>Radeon HD 7950 / R9 280</u>	4,764
<u>Radeon RX 560</u>	4,751
<u>Radeon HD 8990</u>	4,750
<u>Radeon R9 370</u>	4,722
<u>GeForce GTX 660 Ti</u>	4,684
<u>Radeon R9 270X</u>	4,657
<u>Radeon R7 370</u>	4,651
<u>FirePro W8000 Adapter</u>	4,646
<u>Quadro K4200</u>	4,462
<u>Quadro M4000M</u>	4,431
<u>FirePro W8000</u>	4,428
<u>Radeon HD 7870 XT</u>	4,421
<u>GeForce GTX 570</u>	4,416
<u>GeForce GTX 680MX</u>	4,372
<u>GeForce GTX 1050</u>	4,364
<u>GeForce GTX 480</u>	4,354
<u>Radeon HD 7870</u>	4,345
<u>GRID K520</u>	4,340

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<u>Radeon RX 460</u>	4,332
<u>Quadro M2000</u>	4,297
<u>Quadro M3000M</u>	4,275
<u>Radeon R9 270 / R7 370</u>	4,264
<u>FirePro W7000 Adapter</u>	4,248
<u>Radeon R9 M290X</u>	4,234
<u>GeForce GTX 775M</u>	4,186
<u>GeForce GTX 590</u>	4,185
<u>FirePro S7000</u>	4,166
<u>FirePro W7000</u>	4,159
<u>GeForce GTX 660</u>	4,121
<u>Radeon R9 M390X</u>	4,118
<u>Quadro K5000</u>	4,008
<u>GeForce GTX 780M</u>	4,001
<u>Radeon Pro WX4100</u>	3,949
<u>GeForce GTX 970M</u>	3,894
<u>Radeon HD 8970M</u>	3,889
<u>Radeon Pro WX 4100</u>	3,846
<u>Radeon HD 7850</u>	3,820
<u>Radeon HD 7970M</u>	3,783
<u>GRID K2</u>	3,773
<u>Tesla C2050 / C2070</u>	3,756
<u>GeForce GTX 750 Ti</u>	3,698
<u>GeForce GTX 470</u>	3,606
<u>GeForce GTX 880M</u>	3,575
<u>Radeon RX 550</u>	3,563
<u>Radeon R9 M470X</u>	3,548
<u>GeForce GTX 560 Ti</u>	3,537
<u>GeForce GTX 650 Ti BOOST</u>	3,531
<u>Quadro K2200</u>	3,527
<u>GRID M60-8Q</u>	3,509
<u>Radeon HD 6970</u>	3,494
<u>Quadro 6000</u>	3,488
<u>Tesla C2050</u>	3,485
<u>Quadro M2200</u>	3,481
<u>Radeon Pro WX 3100</u>	3,380
<u>GeForce GTX 680M</u>	3,379
<u>Tesla C2075</u>	3,324
<u>GeForce GTX 750</u>	3,278
<u>Radeon R7 360</u>	3,264
<u>Radeon HD8970M</u>	3,194
<u>Radeon HD 6950</u>	3,193
<u>Quadro P600</u>	3,169
<u>FirePro V7000 Adapter</u>	3,162
<u>Radeon R7 260X</u>	3,133
<u>GeForce GTX 560</u>	3,127
<u>MxGPU</u>	3,091
<u>Quadro K1200</u>	3,072
<u>FirePro W5000</u>	3,053
<u>Radeon HD 8950</u>	3,053

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<u>Radeon R9 M380</u>	3,048
<u>Radeon R9 360</u>	3,046
<u>Radeon HD 7790</u>	3,042
<u>Tesla C2070</u>	3,040
<u>FirePro W4300</u>	3,033
<u>Quadro K5100M</u>	3,021
<u>Radeon R9 260</u>	3,018
<u>GeForce GTX 965M</u>	3,014
<u>FirePro W5100</u>	2,991
<u>GeForce GTX 465</u>	2,953
<u>GRID K260Q</u>	2,941
<u>FirePro M6100</u>	2,893
<u>Radeon R7 260</u>	2,885
<u>Quadro K4000</u>	2,859
<u>Quadro M620</u>	2,851
<u>Radeon HD 6990</u>	2,845
<u>FirePro 3D V9800</u>	2,812
<u>Quadro 5000</u>	2,790
<u>FirePro V9800 Adapter</u>	2,716
<u>FirePro V7900</u>	2,702
<u>Quadro M2000M</u>	2,688
<u>Quadro M1200</u>	2,684
<u>GeForce GTX 650 Ti</u>	2,658
<u>GeForce GTX 460</u>	2,655
<u>GeForce GTX 770M</u>	2,631
<u>Radeon HD 5870</u>	2,609
<u>Radeon HD 5970</u>	2,605
<u>Radeon HD 6870</u>	2,596
<u>Quadro K5000M</u>	2,581
<u>GeForce GTX 460 v2</u>	2,530
<u>Device</u>	2,502
<u>Quadro K4100M</u>	2,432
<u>FirePro 3D V8800</u>	2,407
<u>GeForce GTX 675MX</u>	2,392
<u>Quadro K2200M</u>	2,384
<u>GeForce GTX 485M</u>	2,342
<u>Quadro K620</u>	2,322
<u>GeForce GT 1030</u>	2,309
<u>GeForce GTX 870M</u>	2,295
<u>Quadro K4000M</u>	2,291
<u>GeForce GTX 580M</u>	2,286
<u>Intel Iris Pro P580</u>	2,273
<u>GeForce GTX 960A</u>	2,271
<u>Radeon HD 6850</u>	2,266
<u>Radeon HD 5850</u>	2,266
<u>Radeon R9 350</u>	2,256
<u>GeForce GTX 460 SE</u>	2,246
<u>GRID K280Q</u>	2,243
<u>GeForce GTX 560 SE</u>	2,215
<u>GeForce GT 645</u>	2,215

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<u>Radeon HD 7770</u>	2,198
<u>GeForce GTX 555</u>	2,174
<u>GeForce GTX 745</u>	2,168
<u>RadeonT R7 450</u>	2,156
<u>Radeon R7 450</u>	2,152
<u>Firepro W5170M</u>	2,151
<u>Radeon TM R9 A360</u>	2,148
<u>GRID K240Q</u>	2,144
<u>GeForce GTX 675M</u>	2,141
<u>Quadro M1000M</u>	2,099
<u>Radeon Pro WX 2100</u>	2,095
<u>FirePro M5100</u>	2,079
<u>Quadro P400</u>	2,073
<u>GeForce GTX 670MX</u>	2,054
<u>GeForce GTX 960M</u>	2,043
<u>Radeon HD 5830</u>	2,040
<u>Quadro 5000M</u>	2,039
<u>Radeon HD 6790</u>	2,039
<u>GeForce GTX 570M</u>	2,026
<u>GeForce GTX 480M</u>	2,022
<u>Quadro 4000</u>	2,001
<u>Radeon R7 + R7 350 Dual</u>	1,982
<u>Radeon R7 + HD 7700 Dual</u>	1,962
<u>Radeon HD 7660D + HD 7700 Dual</u>	1,958
<u>Matrox C680 PCIe x16</u>	1,952
<u>GeForce GTX 470M</u>	1,950
<u>Radeon R9 M375X</u>	1,933
<u>Quadro K3100M</u>	1,933
<u>GeForce GTX 550 Ti</u>	1,927
<u>Radeon HD 6900M</u>	1,927
<u>Radeon R9 M370X</u>	1,923
<u>GeForce GTX 645</u>	1,920
<u>GeForce MX150</u>	1,917
<u>Intel Iris Pro 580</u>	1,914
<u>GeForce GTX 670M</u>	1,909
<u>Radeon R9 M360</u>	1,892
<u>GeForce GTX 765M</u>	1,871
<u>Radeon HD 8570D + HD 7700 Dual</u>	1,835
<u>GeForce GTX 650</u>	1,831
<u>Intel Iris Plus 650</u>	1,825
<u>Matrox C900 PCIe x16</u>	1,812
<u>FirePro 3D V7800</u>	1,810
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1,800
<u>FirePro W4100 Adapter</u>	1,799
<u>Quadro 4000M</u>	1,793
<u>Radeon HD 8670D + 7700 Dual</u>	1,789
<u>FirePro W600</u>	1,766
<u>Quadro M600M</u>	1,762
<u>Radeon 540</u>	1,761
<u>Quadro 5010M</u>	1,748

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Radeon R9 255	1,746
GeForce GTX 860M	1,732
Quadro K3000M	1,730
Radeon E8860	1,716
GeForce GTX 950M	1,709
FirePro M4000 Mobility Pro	1,703
Radeon HD 5770	1,699
Quadro K2000	1,697
Radeon HD 7750	1,687
FirePro M6000 Mobility Pro	1,681
Intel Iris 550	1,677
FirePro W5130M	1,675
Radeon HD 6770	1,673
Quadro K2000D	1,659
Radeon R7 FX-9830P RADEON	1,647
Radeon HD 8870M	1,640
FirePro W4100	1,628
GeForce GT 740	1,582
GeForce GT 755M	1,578
GeForce GTS 450	1,558
GeForce GTX 560M	1,555
FirePro M4000	1,542
Radeon HD 4890	1,536
FirePro V5900	1,524
GeForce GTX 850M	1,502
GeForce 945M	1,501
Radeon R9 M275X / M375	1,496
Radeon R7 A12-9800E RADEON	1,493
Radeon HD 7660D + HD 6670 Dual	1,485
Intel Iris Pro 6200	1,484
Radeon HD 7870M	1,478
Intel Iris Plus 640	1,467
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	1,460
Quadro 3000M	1,440
Radeon HD 7560D + 7670 Dual	1,426
Radeon HD 5750	1,425
Radeon R9 M270X	1,418
GeForce GTX 660M	1,416
FirePro 3D V5800	1,415
Radeon R7 250	1,412
Radeon R7 A12-9800 RADEON	1,410
Quadro M520	1,409
GeForce GTX 760M	1,398
Radeon R7 M370	1,395
Radeon HD 7730	1,394
GeForce GTX 460M	1,390
Radeon HD 4870	1,381
Radeon R7 PRO A12-8870	1,378
FirePro M40003	1,374

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<u>Radeon R7 430</u>	1,374
<u>Radeon HD 7850M</u>	1,373
<u>Radeon R7 PRO A10-9700</u>	1,371
<u>GeForce GTX 950A</u>	1,367
<u>Radeon HD 8670D + 6670 Dual</u>	1,361
<u>Intel Iris 540</u>	1,358
<u>Radeon R7 PRO A12-9800</u>	1,347
<u>Radeon HD 7560D + HD 7700 Dual</u>	1,347
<u>FireStream 9270</u>	1,341
<u>Barco MXRT 5400</u>	1,335
<u>Radeon R7 PRO A10-8770</u>	1,320
<u>FirePro M5950</u>	1,314
<u>Quadro 2000</u>	1,311
<u>Radeon R7 M465</u>	1,306
<u>Radeon HD 6750</u>	1,302
<u>FirePro V4900</u>	1,298
<u>Radeon R7 + R7 200 Dual</u>	1,290
<u>GeForce GT 545</u>	1,288
<u>Radeon R9 M265X</u>	1,288
<u>GeForce GT 750M</u>	1,287
<u>Quadro K2100M</u>	1,285
<u>Quadro 2000D</u>	1,282
<u>GeForce GT 640</u>	1,282
<u>Radeon HD 4870 X2</u>	1,281
<u>GeForce GTX 760A</u>	1,281
<u>Radeon R7 A370</u>	1,281
<u>FirePro 3D V8750</u>	1,272
<u>Radeon HD 8790M</u>	1,270
<u>GeForce GTX 285</u>	1,269
<u>Radeon HD 8570D + HD 6670 Dual</u>	1,261
<u>Radeon R7 PRO A8-8670E</u>	1,248
<u>Radeon R7 A10-9700 RADEON</u>	1,244
<u>Radeon HD 8570D + 6570 Dual</u>	1,239
<u>Radeon HD 7660D + 6670 Dual</u>	1,238
<u>Intel HD P630</u>	1,238
<u>Radeon HD 8790M / R9 M290X</u>	1,237
<u>GeForce GTX 275</u>	1,236
<u>Mobility Radeon HD 5870</u>	1,230
<u>GeForce 940MX</u>	1,229
<u>Firepro W4190M</u>	1,222
<u>Radeon HD 8670D + HD 6670 Dual</u>	1,222
<u>FirePro W4170M</u>	1,219
<u>FirePro 3D V8700</u>	1,218
<u>Radeon R7 PRO A10-9700E</u>	1,218
<u>GeForce GT 650M</u>	1,213
<u>Radeon R7 A10-7890K</u>	1,208
<u>Intel HD 630</u>	1,208
<u>FirePro V4800</u>	1,205
<u>Radeon R9 M375</u>	1,199
<u>GeForce GTX 280</u>	1,199

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<u>Radeon HD 7750M</u>	1,191
<u>Radeon R7 PRO A10-8770E</u>	1,185
<u>Quadro 2000 D</u>	1,182
<u>Intel Iris Pro 5200</u>	1,177
<u>GeForce 930A</u>	1,174
<u>Radeon R7 A8-9600 RADEON</u>	1,167
<u>FireStream 9250</u>	1,165
<u>Radeon R7 PRO A12-8870E</u>	1,160
<u>Radeon R7 A10-7870K</u>	1,153
<u>NVS 810</u>	1,153
<u>GeForce GPU</u>	1,148
<u>GeForce GT 745A</u>	1,147
<u>Radeon HD 8850M / R9 M265X</u>	1,140
<u>Radeon HD 7560D + 6670 Dual</u>	1,131
<u>GeForce GTX 260</u>	1,130
<u>Radeon HD 4850 X2</u>	1,130
<u>GeForce 930MX</u>	1,129
<u>FirePro M4170</u>	1,114
<u>Radeon R9 M275</u>	1,112
<u>Intel UHD 620</u>	1,108
<u>Radeon R7 M260X</u>	1,105
<u>Radeon HD 7670</u>	1,101
<u>Radeon HD 7660D + 6570 Dual</u>	1,100
<u>FirePro M4150</u>	1,093
<u>Quadro FX 5800</u>	1,085
<u>FirePro 3D V4800</u>	1,084
<u>Radeon R7 PRO A8-9600</u>	1,083
<u>Quadro K2000M</u>	1,083
<u>Intel HD P530</u>	1,080
<u>Radeon R7 PRO A12-9800E</u>	1,077
<u>Radeon HD 5670</u>	1,071
<u>Radeon HD 7660D + 7670 Dual</u>	1,062
<u>Radeon HD 7520G + 7700M Dual</u>	1,061
<u>Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G</u>	1,061
<u>Firepro M4100</u>	1,059
<u>GeForce GT 445M</u>	1,058
<u>Radeon R7 PRO A12-9800B</u>	1,055