

PassMark - G3D Mark
High End Videocards - Updated 4th of July 2018

Videocard	G3D Mark
<u>TITAN Xp COLLECTORS EDITION</u>	15,026
<u>Quadro GV100</u>	14,590
<u>NVIDIA TITAN Xp</u>	14,474
<u>TITAN V</u>	14,167
<u>GeForce GTX 1080 Ti</u>	14,044
<u>Quadro P6000</u>	13,581
<u>NVIDIA TITAN X</u>	13,248
<u>Radeon Pro Vega 64</u>	13,168
<u>Radeon RX Vega</u>	12,298
<u>GeForce GTX 1080</u>	12,292
<u>GeForce GTX 1070 Ti</u>	12,235
<u>Quadro P5200</u>	12,026
<u>Radeon Pro Vega 56</u>	12,005
<u>Quadro GP100</u>	11,871
<u>Radeon RX Vega 64</u>	11,567
<u>Radeon Vega Frontier Edition</u>	11,457
<u>GeForce GTX 980 Ti</u>	11,342
<u>Radeon RX Vega 56</u>	11,218
<u>GeForce GTX 1070</u>	11,165
<u>Radeon Pro WX 9100</u>	10,972
<u>GeForce GTX TITAN X</u>	10,685
<u>Quadro P4000</u>	10,478
<u>GeForce GTX 1080 with Max-Q Design</u>	10,347
<u>Quadro P5000</u>	10,264
<u>VRVD5</u>	10,222
<u>Quadro M6000 24GB</u>	10,003
<u>GeForce GTX 1060 5GB</u>	9,606
<u>GeForce GTX 980</u>	9,595
<u>Radeon Pro Duo</u>	9,462
<u>Quadro M5500</u>	9,323
<u>Quadro M6000</u>	9,296
<u>Radeon R9 Fury</u>	9,178
<u>Quadro P3200</u>	9,095
<u>Quadro P4000 with Max-Q Design</u>	9,083
<u>GeForce GTX 1060</u>	8,967
<u>GeForce GTX 1060 3GB</u>	8,908
<u>GeForce GTX 780 Ti</u>	8,893
<u>GeForce GTX TITAN Black</u>	8,615
<u>GeForce GTX 970</u>	8,591
<u>GeForce GTX 1070 with Max-Q Design</u>	8,590
<u>Radeon R9 390X</u>	8,563
<u>Quadro M5000</u>	8,454
<u>Radeon R9 Fury + Fury X</u>	8,423
<u>Radeon RX 580</u>	8,380
<u>FirePro W9100 Adapter</u>	8,299
<u>FirePro W8100 Graphic Adapter</u>	8,219
<u>Quadro P2000</u>	8,184
<u>Radeon RX 480</u>	8,118
<u>Radeon R9 390</u>	8,080

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<u>GeForce GTX 780</u>	7,970
<u>GeForce GTX Titan</u>	7,915
<u>Radeon Pro WX 7100</u>	7,804
<u>GeForce GTX TITAN Z</u>	7,748
<u>Radeon R9 295X2</u>	7,658
<u>Quadro K6000</u>	7,610
<u>Radeon RX 470</u>	7,461
<u>GeForce GTX 1060 with Max-Q Design</u>	7,404
<u>Radeon R9 290X / 390X</u>	7,392
<u>Tesla M60</u>	7,340
<u>FirePro W9100</u>	7,137
<u>Radeon R9 290 / 390</u>	7,108
<u>Radeon RX Vega M GH</u>	7,025
<u>Radeon RX 570</u>	6,799
<u>Quadro M4000</u>	6,696
<u>Radeon RX580</u>	6,494
<u>Radeon R9 380X</u>	6,169
<u>Quadro K5200</u>	6,137
<u>Radeon R9 380</u>	6,103
<u>GeForce GTX 770</u>	6,082
<u>FirePro W8100</u>	6,011
<u>GeForce GTX 1050 Ti</u>	5,917
<u>GRID M60-2Q</u>	5,904
<u>GeForce GTX 980M</u>	5,854
<u>GeForce GTX 1050 Ti with Max-Q Design</u>	5,848
<u>Radeon R9 280X</u>	5,847
<u>GeForce GTX 960</u>	5,804
<u>FirePro W7100 Adapter</u>	5,794
<u>Radeon R9 M395X</u>	5,762
<u>GeForce GTX 680</u>	5,678
<u>Radeon R9 285 / 380</u>	5,554
<u>Radeon Pro WX 5100</u>	5,521
<u>Radeon HD 7990</u>	5,518
<u>Quadro M5000M</u>	5,445
<u>FirePro W9000</u>	5,394
<u>Radeon R9 280</u>	5,394
<u>FirePro W7100</u>	5,373
<u>GeForce GTX 670</u>	5,373
<u>GeForce GTX 690</u>	5,371
<u>GRID M60-1Q</u>	5,309
<u>Radeon HD 7970 / R9 280X</u>	5,248
<u>GeForce GTX 950</u>	5,212
<u>Radeon R9 M295X</u>	5,150
<u>GeForce GTX 760 Ti</u>	5,111
<u>GeForce GTX 580</u>	5,023
<u>Radeon R9 M395</u>	5,007
<u>Quadro P3000</u>	4,995
<u>Quadro P1000</u>	4,945
<u>GeForce GTX 760</u>	4,939
<u>Radeon RX Vega M GL</u>	4,893

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<u>Radeon HD 8990</u>	4,893
<u>Radeon HD 7950 / R9 280</u>	4,765
<u>FirePro W8000 Adapter</u>	4,752
<u>Radeon R9 370</u>	4,722
<u>Radeon R9 270X</u>	4,682
<u>GeForce GTX 660 Ti</u>	4,671
<u>Radeon R7 370</u>	4,662
<u>FirePro W7170M</u>	4,643
<u>GeForce GTX 1050</u>	4,569
<u>Quadro M4000M</u>	4,568
<u>Quadro K4200</u>	4,478
<u>Radeon RX 560</u>	4,465
<u>Radeon HD 7870 XT</u>	4,450
<u>GRID P6-4Q</u>	4,429
<u>FirePro W8000</u>	4,418
<u>GeForce GTX 570</u>	4,418
<u>GRID K520</u>	4,384
<u>Radeon HD 7870</u>	4,367
<u>GeForce GTX 480</u>	4,360
<u>GeForce GTX 680MX</u>	4,354
<u>Radeon RX 460</u>	4,338
<u>Quadro M3000M</u>	4,325
<u>Barco MXRT 7500</u>	4,319
<u>Quadro M2000</u>	4,309
<u>Radeon R9 270 / R7 370</u>	4,262
<u>FirePro W7000</u>	4,246
<u>Radeon R9 M390X</u>	4,213
<u>GeForce GTX 590</u>	4,209
<u>GeForce GTX 775M</u>	4,171
<u>FirePro S7000</u>	4,166
<u>GeForce GTX 660</u>	4,127
<u>Radeon R9 M290X</u>	4,073
<u>GeForce GTX 970M</u>	4,035
<u>Quadro K5000</u>	4,022
<u>GeForce GTX 780M</u>	4,002
<u>Radeon Pro WX 4100</u>	3,982
<u>FirePro W7000 Adapter</u>	3,964
<u>Radeon Pro WX4100</u>	3,949
<u>GRID M60-8Q</u>	3,909
<u>Radeon HD 8970M</u>	3,876
<u>Quadro P620</u>	3,861
<u>Radeon RX480</u>	3,858
<u>Radeon HD 7850</u>	3,837
<u>Radeon HD 7970M</u>	3,811
<u>GRID K2</u>	3,773
<u>Tesla C2050 / C2070</u>	3,756
<u>GeForce GTX 750 Ti</u>	3,728
<u>GeForce GTX 880M</u>	3,652
<u>GeForce GTX 470</u>	3,603
<u>Radeon R9 M470X</u>	3,597

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<u>Radeon Pro WX 3100</u>	3,589
<u>Quadro K2200</u>	3,562
<u>Radeon Pro 560</u>	3,553
<u>Device</u>	3,545
<u>GeForce GTX 650 Ti BOOST</u>	3,536
<u>GeForce GTX 560 Ti</u>	3,535
<u>Radeon HD 6970</u>	3,515
<u>Quadro 6000</u>	3,505
<u>Radeon RX 550</u>	3,481
<u>Tesla C2050</u>	3,465
<u>Radeon Pro 460</u>	3,453
<u>Radeon Pro WX 4150</u>	3,428
<u>Quadro M2200</u>	3,427
<u>GeForce GTX 680M</u>	3,359
<u>GRID P40-2B</u>	3,354
<u>Tesla C2075</u>	3,324
<u>Radeon RX550</u>	3,313
<u>Radeon R7 360</u>	3,304
<u>GeForce GTX 750</u>	3,296
<u>Radeon HD 6950</u>	3,208
<u>FirePro V7000 Adapter</u>	3,162
<u>Radeon R7 260X</u>	3,155
<u>Radeon Pro 555</u>	3,141
<u>GeForce GTX 965M</u>	3,141
<u>Radeon HD8970M</u>	3,131
<u>GeForce GTX 560</u>	3,121
<u>Quadro P600</u>	3,093
<u>Quadro K5100M</u>	3,087
<u>Radeon R9 M380</u>	3,085
<u>Tesla C2070</u>	3,077
<u>Radeon HD 7790</u>	3,063
<u>FirePro W5000</u>	3,060
<u>Radeon R9 360</u>	3,039
<u>Quadro K1200</u>	3,034
<u>Radeon R9 260</u>	3,018
<u>Radeon HD 8950</u>	3,015
<u>FirePro W5100</u>	3,001
<u>GeForce GTX 465</u>	2,949
<u>GRID K260Q</u>	2,941
<u>FirePro M6100</u>	2,919
<u>FirePro W4300</u>	2,894
<u>Radeon R7 260</u>	2,891
<u>Quadro K4000</u>	2,883
<u>Quadro M1200</u>	2,879
<u>Radeon HD 6990</u>	2,859
<u>Quadro 5000</u>	2,832
<u>FirePro 3D V9800</u>	2,812
<u>Radeon RX540</u>	2,788
<u>Quadro M620</u>	2,785
<u>Quadro M2000M</u>	2,777

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<u>Radeon Pro WX 4130</u>	2,768
<u>FirePro V9800 Adapter</u>	2,731
<u>Radeon Pro 450</u>	2,723
<u>FirePro V7900</u>	2,718
<u>GeForce GTX 650 Ti</u>	2,659
<u>GeForce GTX 460</u>	2,656
<u>GeForce GTX 770M</u>	2,639
<u>Radeon HD 5870</u>	2,616
<u>Quadro K5000M</u>	2,615
<u>Radeon HD 6870</u>	2,607
<u>Radeon HD 5970</u>	2,596
<u>Quadro K2200M</u>	2,572
<u>Quadro K4100M</u>	2,517
<u>GeForce GTX 460 v2</u>	2,493
<u>MxGPU</u>	2,487
<u>FirePro 3D V8800</u>	2,472
<u>GeForce GTX 675MX</u>	2,414
<u>GeForce GTX 485M</u>	2,383
<u>GeForce GTX 870M</u>	2,380
<u>Radeon RX Vega 11</u>	2,375
<u>GeForce GTX 960A</u>	2,359
<u>Quadro K620</u>	2,327
<u>GeForce GTX 580M</u>	2,324
<u>Radeon HD 6850</u>	2,281
<u>Radeon HD 5850</u>	2,276
<u>Radeon R7 250X</u>	2,269
<u>Radeon R9 350</u>	2,265
<u>Quadro K4000M</u>	2,262
<u>Radeon Vega 11</u>	2,254
<u>GeForce GT 1030</u>	2,252
<u>GeForce GTX 460 SE</u>	2,248
<u>GRID K280Q</u>	2,243
<u>Quadro M1000M</u>	2,238
<u>GeForce GT 645</u>	2,215
<u>Radeon HD 7770</u>	2,214
<u>GeForce GTX 560 SE</u>	2,205
<u>GeForce GTX 960M</u>	2,198
<u>RadeonT R7 450</u>	2,187
<u>Firepro W5170M</u>	2,183
<u>GeForce GTX 745</u>	2,178
<u>Radeon R7 450</u>	2,175
<u>GeForce GTX 555</u>	2,157
<u>Radeon TM R9 A360</u>	2,148
<u>GRID K240Q</u>	2,144
<u>GeForce GTX 675M</u>	2,140
<u>Radeon R9 M470</u>	2,118
<u>FirePro M5100</u>	2,097
<u>GeForce MX150</u>	2,084
<u>Intel Iris Pro P580</u>	2,081
<u>GeForce GTX 670MX</u>	2,064

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<u>Radeon R9 M375X</u>	2,062
<u>Radeon HD 5830</u>	2,046
<u>Radeon HD 6790</u>	2,044
<u>GeForce GTX 480M</u>	2,043
<u>Quadro 5000M</u>	2,039
<u>Quadro 4000</u>	2,026
<u>GeForce GTX 570M</u>	2,022
<u>15DD</u>	2,018
<u>Radeon Vega 8</u>	2,008
<u>Quadro K3100M</u>	1,994
<u>Radeon R7 + R7 350 Dual</u>	1,982
<u>Radeon R9 M360</u>	1,976
<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 HD 6900M</u>	1,938
<u>GeForce GTX 670M</u>	1,932
<u>Radeon R9 M370X</u>	1,929
<u>GeForce GTX 550 Ti</u>	1,927
<u>GeForce GTX 645</u>	1,924
<u>Radeon Vega 10</u>	1,892
<u>GeForce GTX 765M</u>	1,879
<u>GeForce MX130</u>	1,865
<u>GeForce GTX 860M</u>	1,848
<u>Intel Iris Pro 580</u>	1,841
<u>Radeon Pro WX 2100</u>	1,837
<u>Radeon HD 8570D + HD 7700 Dual</u>	1,835
<u>GeForce GTX 650</u>	1,832
<u>Quadro 5010M</u>	1,825
<u>Quadro M600M</u>	1,817
<u>Matrox C900 PCIe x16</u>	1,812
<u>GeForce GTX 950M</u>	1,811
<u>FirePro 3D V7800</u>	1,810
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1,800
<u>Quadro 4000M</u>	1,799
<u>Radeon HD 8670D + 7700 Dual</u>	1,789
<u>Radeon R7 FX-9830P RADEON</u>	1,786
<u>Quadro K3000M</u>	1,768
<u>Radeon Vega 6</u>	1,768
<u>Radeon R9 255</u>	1,763
<u>FirePro W4100 Adapter</u>	1,741
<u>Quadro P400</u>	1,737
<u>FirePro W600</u>	1,728
<u>FirePro M6000 Mobility Pro</u>	1,721
<u>FirePro M4000 Mobility Pro</u>	1,721
<u>Quadro K2000</u>	1,715
<u>Radeon HD 5770</u>	1,706
<u>Radeon HD 7750</u>	1,701
<u>Quadro P500</u>	1,686

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<u>Radeon HD 6770</u>	1,679
<u>Quadro K2000D</u>	1,672
<u>Radeon Vega 8 Mobile</u>	1,671
<u>FirePro W5130M</u>	1,656
<u>Radeon 540</u>	1,643
<u>Ryzen 7 2700U with Radeon Vega</u>	1,642
<u>Radeon HD 8870M</u>	1,638
<u>Intel Iris 550</u>	1,623
<u>FirePro W4100</u>	1,619
<u>Radeon RX Vega 10</u>	1,587
<u>FirePro M4000</u>	1,583
<u>GeForce GT 755M</u>	1,580
<u>Radeon E8860</u>	1,577
<u>GeForce GT 740</u>	1,575
<u>GeForce GTX 850M</u>	1,568
<u>GeForce GTS 450</u>	1,557
<u>GeForce GTX 560M</u>	1,552
<u>Radeon HD 4890</u>	1,538
<u>GeForce GTX 950A</u>	1,533
<u>Intel Iris Pro Graphics 6200</u>	1,531
<u>FirePro V5900</u>	1,527
<u>Intel Iris Plus 650</u>	1,524
<u>Quadro M520</u>	1,517
<u>Ryzen 5 2500U with Radeon Vega</u>	1,496
<u>Radeon R9 M275X / M375</u>	1,487
<u>Radeon HD 7660D + HD 6670 Dual</u>	1,485
<u>Radeon HD 7870M</u>	1,478
<u>Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C</u>	1,463
<u>Quadro 3000M</u>	1,456
<u>FirePro 3D V5800</u>	1,451
<u>Radeon HD 5750</u>	1,438
<u>GeForce 945M</u>	1,434
<u>Radeon HD 7730</u>	1,433
<u>GeForce GTX 660M</u>	1,430
<u>Radeon HD 7560D + 7670 Dual</u>	1,426
<u>Radeon R7 430</u>	1,422
<u>Radeon R9 M270X</u>	1,418
<u>GeForce GTX 760M</u>	1,416
<u>Radeon R7 250</u>	1,407
<u>GeForce GTX 460M</u>	1,395
<u>Intel Iris Plus 640</u>	1,394
<u>Radeon R7 M370</u>	1,385
<u>Radeon HD 4870</u>	1,382
<u>Radeon R7 PRO A12-8870</u>	1,376
<u>Radeon HD 7850M</u>	1,373
<u>Radeon R7 PRO A10-9700</u>	1,368
<u>FirePro M40003</u>	1,364
<u>Radeon HD 8670D + 6670 Dual</u>	1,361
<u>Intel HD P630</u>	1,350
<u>Intel Iris 540</u>	1,347

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<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 HD 8790M</u>	1,322
<u>Radeon R7 PRO A10-8770</u>	1,320
<u>Radeon HD 6750</u>	1,316
<u>Quadro 2000</u>	1,316
<u>FirePro M5950</u>	1,314
<u>Quadro K2100M</u>	1,314
<u>Radeon HD 4870 X2</u>	1,310
<u>Radeon R7 PRO A8-8670E</u>	1,310
<u>GeForce 940MX</u>	1,309
<u>Radeon R7 M465</u>	1,306
<u>FirePro V4900</u>	1,299
<u>GeForce GT 545</u>	1,295
<u>FirePro W4170M</u>	1,295
<u>GeForce GT 750M</u>	1,290
<u>Radeon R7 + R7 200 Dual</u>	1,290
<u>GeForce GTX 760A</u>	1,281
<u>GeForce GT 640</u>	1,281
<u>Radeon R7 A370</u>	1,281
<u>Quadro 2000D</u>	1,278
<u>Radeon R9 M265X</u>	1,272
<u>FirePro 3D V8750</u>	1,272
<u>GeForce GTX 285</u>	1,270
<u>Firepro W4190M</u>	1,270
<u>Radeon HD 8570D + HD 6670 Dual</u>	1,261
<u>GeForce GTX 275</u>	1,241
<u>Radeon R7 A12-9800 RADEON</u>	1,240
<u>Radeon HD 8570D + 6570 Dual</u>	1,239
<u>Mobility Radeon HD 5870</u>	1,239
<u>Radeon HD 7660D + 6670 Dual</u>	1,238
<u>Radeon HD 8790M / R9 M290X</u>	1,237
<u>Radeon HD 8670D + HD 6670 Dual</u>	1,222
<u>GeForce GT 650M</u>	1,221
<u>Radeon R9 M375</u>	1,214
<u>Radeon R7 A10-9700 RADEON</u>	1,208
<u>FirePro V4800</u>	1,205
<u>GeForce 930A</u>	1,204
<u>GeForce GTX 280</u>	1,201
<u>Radeon R7 M350</u>	1,199
<u>FirePro 3D V8700</u>	1,198
<u>Radeon HD 7750M</u>	1,191
<u>Radeon R7 A12-9800E RADEON</u>	1,186
<u>Radeon R7 PRO A10-8770E</u>	1,185
<u>Radeon 530</u>	1,183
<u>Quadro 2000 D</u>	1,182
<u>Radeon R7 A10-7890K</u>	1,174
<u>GeForce 930MX</u>	1,174

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<u>Intel Coffee Lake UHD</u>	1,173
<u>GeForce GPU</u>	1,173
<u>Intel Iris Pro 5200</u>	1,171
<u>FireStream 9250</u>	1,165
<u>Radeon R7 PRO A12-8870E</u>	1,160
<u>GeForce GT 745A</u>	1,156
<u>NVS 810</u>	1,153
<u>Intel UHD 630</u>	1,149