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Videocard Benchmarks

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High End Video Card Chart

This chart made up of thousands of **PerformanceTest** benchmark results and is updated daily with new graphics card benchmarks. This high end chart contains high performance video cards typically found in premium gaming PCs. Recently introduced ATI video cards (such as the ATI Radeon HD) and nVidia graphics cards (such as the nVidia GTX and nVidia Quadro FX) using the PCI-Express (or PCI-E) standard are common in our high end video card charts.

G3D Mark | Price Performance

(Click to select desired chart)

PassMark - G3D Mark High End Videocards - Updated 3rd of December 2018

| | | Price (USD) |
|--------------------------------|--------|----------------|
| Quadro RTX 6000 | 21,367 | NA |
| GeForce RTX 2080 Ti | 17,077 | \$1,309.99 |
| TITAN V CEO Edition | 16,988 | NA |
| GeForce RTX 2080 | 15,420 | \$749.99 |
| TITAN V | 14,976 | \$3,598.42 |
| TITAN Xp COLLECTORS EDITION | 14,821 | NA |
| NVIDIA TITAN Xp | 14,760 | \$1,200.00* |
| GeForce RTX 2070 | 14,160 | \$499.99 |
| GeForce GTX 1080 Ti | 14,132 | \$861.82* |
| NVIDIA TITAN X | 13,533 | \$1,200.00* |
| Quadro P6000 | 13,290 | \$4,385.00 |
| Quadro GP100 | 12,843 | NA |
| Quadro GV100 | 12,699 | NA |
| GeForce GTX 1080 | 12,347 | \$579.99 |
| Radeon RX Vega | 12,298 | \$339.99 |
| GeForce GTX 1070 Ti | 12,197 | \$379.99 |
| Radeon RX Vega 64 | 11,937 | \$399.99 |
| Radeon Pro Vega 56 | 11,897 | NA |
| Radeon RX Vega 56 | 11,422 | NA |
| GeForce GTX 980 Ti | 11,356 | \$679.99* |
| GeForce GTX 1070 | 11,234 | \$329.99 |
| Radeon Vega Frontier Edition | 11,070 | \$999.99* |
| Quadro P4200 with Max-Q Design | 11,007 | NA |
| Radeon PRO WX 8200 | 10,867 | \$999.00 |

| | | |
|------------------------------------|--------|-------------|
| Quadro P4200 | 10,686 | NA |
| GeForce GTX TITAN X | 10,670 | \$1,999.99* |
| Radeon Pro WX 9100 | 10,565 | NA |
| Quadro P5200 with Max-Q Design | 10,490 | NA |
| Radeon Pro SSG | 10,452 | NA |
| Quadro P4000 | 10,430 | \$796.50 |
| Radeon Pro Vega 64 | 10,426 | NA |
| Quadro P5000 | 10,381 | \$1,685.00 |
| GeForce GTX 1080 with Max-Q Design | 10,162 | NA |
| Quadro M6000 24GB | 9,898 | NA |
| Quadro P5200 | 9,717 | NA |
| GeForce GTX 980 | 9,608 | \$605.72 |
| Radeon Pro Duo | 9,450 | \$449.00* |
| Quadro M5500 | 9,323 | NA |
| Quadro M6000 | 9,287 | \$2,825.00 |
| GeForce GTX 1070 with Max-Q Design | 9,158 | NA |
| Radeon R9 Fury | 9,145 | \$399.99* |
| Quadro P4000 with Max-Q Design | 9,083 | NA |
| GeForce GTX 1060 | 9,027 | \$229.99 |
| GeForce GTX 1060 3GB | 8,935 | \$179.99 |
| GeForce GTX 780 Ti | 8,890 | \$749.99* |
| GeForce GTX 1060 5GB | 8,642 | NA |
| GeForce GTX TITAN Black | 8,614 | \$999.99* |
| GeForce GTX 970 | 8,604 | \$407.76* |
| Radeon R9 390X | 8,539 | NA |
| Quadro M5000 | 8,490 | \$1,498.00* |
| Quadro P3200 with Max-Q Design | 8,467 | NA |
| Radeon R9 Fury + Fury X | 8,445 | \$399.99* |
| Radeon RX 580 | 8,425 | \$159.99 |
| Radeon RX 480 | 8,116 | \$220.00 |
| Radeon R9 390 | 8,090 | NA |
| GeForce GTX 780 | 7,958 | \$740.99* |
| GeForce GTX Titan | 7,933 | \$2,054.59* |
| Radeon Pro WX 7100 | 7,895 | \$509.99* |
| Quadro P3200 | 7,895 | NA |
| GeForce GTX TITAN Z | 7,766 | \$1,580.00* |
| Radeon Pro 580 | 7,753 | NA |
| GeForce GTX 1060 with Max-Q Design | 7,710 | NA |
| Radeon R9 295X2 | 7,695 | \$1,099.99* |
| Quadro K6000 | 7,605 | \$834.00 |
| Quadro P2000 | 7,565 | \$429.99 |
| Radeon RX 470 | 7,530 | \$260.00 |
| Radeon R9 290X / 390X | 7,417 | \$439.99 |
| Tesla M60 | 7,233 | NA |
| FirePro W9100 | 7,189 | \$2,749.99* |
| Radeon R9 290 / 390 | 7,126 | \$745.91 |
| Radeon RX Vega M GH | 6,906 | NA |
| Radeon RX 570 | 6,765 | \$149.99 |
| Quadro M4000 | 6,673 | \$687.00 |
| Radeon RX580 | 6,494 | NA |
| | 6,192 | |