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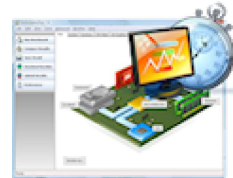
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# Videocard Benchmarks

Over 1,000,000 Video Cards  
Benchmarked



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**How does your Video Card  
compare?**

Add your card to our benchmark  
charts with **PerformanceTest V9!**

## 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 27th of May 2018

















































		Price (USD)
TITAN Xp COLLECTORS EDITION	14,951	NA
Quadro GV100	14,590	NA
NVIDIA TITAN Xp	14,378	\$1,200.00*
TITAN V	14,172	\$3,598.42
GeForce GTX 1080 Ti	13,997	\$749.99
Quadro P6000	13,728	\$4,762.99*
Radeon Pro Vega 64	13,398	NA
NVIDIA TITAN X	13,210	\$1,200.00*
Radeon RX Vega	12,298	\$519.99
GeForce GTX 1080	12,268	\$549.00
GeForce GTX 1070 Ti	12,247	\$479.99
Radeon Pro Vega 56	12,029	NA
Quadro P5200	12,026	NA
Quadro GP100	11,896	NA
Radeon RX Vega 64	11,600	\$599.99
Radeon Vega Frontier Edition	11,458	\$849.99*
GeForce GTX 980 Ti	11,336	\$619.99*
GeForce GTX 1070	11,154	\$459.99
Radeon RX Vega 56	11,147	NA
Radeon Pro WX 9100	11,020	NA
GeForce GTX TITAN X	10,685	\$1,999.99*
GeForce GTX 1080 with Max-Q Design	10,482	NA
Quadro P4000	10,466	\$779.99
VRVD5	10,222	NA

















































Quadro P5000	10,204	\$1,797.00
Quadro M6000 24GB	9,925	NA
GeForce GTX 1060 5GB	9,623	NA
GeForce GTX 980	9,594	\$584.57
Radeon Pro Duo	9,465	\$899.99
Quadro M5500	9,323	NA
Quadro M6000	9,296	\$3,998.00
Radeon R9 Fury	9,237	\$399.99*
Quadro P4000 with Max-Q Design	9,083	NA
GeForce GTX 1060	8,957	\$297.99
GeForce GTX 1060 3GB	8,901	\$229.97
GeForce GTX 780 Ti	8,895	\$749.99*
GeForce GTX TITAN Black	8,615	\$999.99*
GeForce GTX 970	8,591	\$441.00*
Radeon R9 390X	8,573	NA
Quadro M5000	8,469	\$1,780.00*
GeForce GTX 1070 with Max-Q Design	8,444	NA
Radeon R9 Fury + Fury X	8,426	\$399.99*
Radeon RX 580	8,348	\$277.22
Quadro P2000	8,302	\$429.99
FirePro W9100 Adapter	8,299	NA
FirePro W8100 Graphic Adapter	8,219	NA
Radeon RX 480	8,117	\$299.99
Radeon R9 390	8,056	NA
GeForce GTX 780	7,969	\$740.99*
GeForce GTX Titan	7,912	\$2,054.59*
Radeon Pro WX 7100	7,788	\$599.99
GeForce GTX TITAN Z	7,750	\$2,799.99*
Quadro K6000	7,645	\$2,298.89*
Radeon R9 295X2	7,635	\$1,099.99*
Radeon Pro 580	7,553	NA
Radeon RX 470	7,460	\$379.00
Radeon R9 290X / 390X	7,391	\$688.88
GeForce GTX 1060 with Max-Q Design	7,212	NA
FirePro W9100	7,137	\$1,399.99
Radeon R9 290 / 390	7,105	\$787.12
Radeon RX Vega M GH	7,058	NA
Radeon RX 570	6,804	\$269.99
Quadro M4000	6,703	\$726.99
Radeon RX580	6,494	NA
Radeon R9 380X	6,170	\$249.99*
Quadro K5200	6,137	\$799.00
Radeon R9 380	6,098	\$264.99*
GeForce GTX 770	6,084	\$449.99
FirePro W8100	6,011	\$999.99*
GRID M60-2Q	5,904	NA
GeForce GTX 1050 Ti	5,904	\$189.99
Radeon R9 280X	5,841	NA
GeForce GTX 980M	5,840	NA
GeForce GTX 960	5,805	\$229.99*
	5,794	

FirePro W7100 Adapter		NA
GeForce GTX 1050 Ti with Max-Q Design	5,784	NA
Radeon R9 M395X	5,762	NA
GeForce GTX 680	5,678	\$679.99
Radeon Pro WX 5100	5,579	\$389.99
Radeon R9 285 / 380	5,553	\$446.44
Radeon HD 7990	5,501	\$1,126.99
Quadro M5000M	5,443	NA
FirePro W9000	5,394	\$3,443.99*
Radeon R9 280	5,390	NA
GeForce GTX 670	5,373	\$474.99
FirePro W7100	5,370	\$629.99*
GeForce GTX 690	5,367	\$999.00*
Radeon RX Vega M GL	5,352	NA
GRID M60-1Q	5,309	NA
Radeon HD 7970 / R9 280X	5,248	\$349.97
GeForce GTX 950	5,213	\$194.44*
Radeon R9 M295X	5,150	NA
GeForce GTX 760 Ti	5,111	\$297.50*
Quadro P1000	5,080	\$329.99
GeForce GTX 580	5,024	\$289.88*
Radeon R9 M395	4,991	NA
GeForce GTX 760	4,942	\$249.99*
Radeon HD 8990	4,893	NA
Quadro P3000	4,775	NA
Radeon HD 7950 / R9 280	4,765	\$353.87
FirePro W8000 Adapter	4,752	NA
Radeon R9 370	4,722	NA
Radeon R9 270X	4,681	\$299.00
GeForce GTX 660 Ti	4,672	\$321.99*
Radeon R7 370	4,668	NA
FirePro W7170M	4,643	NA
GeForce GTX 1050	4,562	\$139.99
Radeon RX 560	4,473	\$149.99
Quadro K4200	4,473	\$550.00*
Radeon HD 7870 XT	4,450	NA
Quadro M4000M	4,444	NA
GRID P6-4Q	4,429	NA
GeForce GTX 570	4,420	\$99.99*
FirePro W8000	4,418	\$1,048.99*
Radeon HD 7870	4,366	\$413.10
GeForce GTX 480	4,359	\$71.99*
GeForce GTX 680MX	4,354	NA
GRID K520	4,340	NA
Radeon RX 460	4,338	\$169.99
Quadro M2000	4,304	\$399.00
Quadro M3000M	4,302	NA
Radeon R9 270 / R7 370	4,263	\$150.41
FirePro W7000	4,244	\$569.99*
Radeon R9 M390X	4,213	NA
	4,209	

GeForce GTX 590		\$184.00*
Radeon R9 M290X	4,177	NA
GeForce GTX 775M	4,171	NA
FirePro S7000	4,166	NA
GeForce GTX 660	4,128	\$349.99*
Quadro K5000	4,021	\$395.66
GeForce GTX 970M	4,014	\$1,899.00*
GeForce GTX 780M	3,995	NA
FirePro W7000 Adapter	3,964	NA
Radeon Pro WX4100	3,949	NA
Radeon Pro WX 4100	3,946	\$279.99
GRID M60-8Q	3,909	NA
Radeon HD 8970M	3,876	NA
Radeon RX480	3,858	NA
Radeon HD 7850	3,836	\$449.59
Radeon HD 7970M	3,814	NA
GRID K2	3,773	\$1,495.00
Tesla C2050 / C2070	3,756	NA
GeForce GTX 750 Ti	3,725	\$299.01*
GeForce GTX 880M	3,649	NA
GeForce GTX 470	3,603	\$522.01*
Radeon R9 M470X	3,593	NA
Radeon Pro WX 3100	3,585	NA
Quadro K2200	3,559	\$355.99
Radeon Pro 560	3,553	NA
GeForce GTX 650 Ti BOOST	3,536	NA
GeForce GTX 560 Ti	3,535	\$138.00*
Radeon HD 6970	3,513	\$94.99*
Radeon RX 550	3,506	\$114.99
Quadro 6000	3,499	\$529.50
Tesla C2050	3,465	NA
Radeon Pro 460	3,453	NA
Quadro M2200	3,372	NA
GeForce GTX 680M	3,363	\$499.99*
Radeon Pro WX 4150	3,348	NA
Radeon RX550	3,342	NA
Tesla C2075	3,324	\$2,269.99*
Radeon R7 360	3,299	\$146.65*
GeForce GTX 750	3,295	\$150.99*
Radeon HD 6950	3,207	\$89.99*
FirePro V7000 Adapter	3,162	NA
Radeon R9 M380	3,159	NA
Radeon R7 260X	3,154	\$149.99*
Radeon Pro 555	3,141	NA
Radeon HD8970M	3,131	NA
GeForce GTX 965M	3,128	NA
Radeon RX540	3,123	NA
GeForce GTX 560	3,120	\$353.59*
Quadro P600	3,098	\$179.99
Quadro K5100M	3,079	NA
	3,077	

Tesla C2070		NA
FirePro W5000	 3,064	\$434.00*
Radeon HD 7790	 3,063	\$134.99*
Radeon R9 360	 3,039	\$519.00*
Quadro K1200	 3,035	\$299.25
Radeon R9 260	 3,018	NA
Radeon HD 8950	 3,015	NA
FirePro W5100	 3,011	\$279.13*
GeForce GTX 465	 2,949	\$263.28*
GRID K260Q	 2,941	NA
FirePro M6100	 2,908	NA
Device	 2,899	NA
FirePro W4300	 2,894	\$239.99*
Radeon R7 260	 2,891	\$89.99*
Quadro K4000	 2,880	\$190.99
Radeon HD 6990	 2,859	\$159.99*
Quadro M1200	 2,844	NA
Quadro 5000	 2,829	\$185.00
FirePro 3D V9800	 2,812	\$2,499.00*
Quadro M620	 2,786	NA
Quadro M2000M	 2,772	NA
Radeon Pro WX 4130	 2,768	NA
FirePro V9800 Adapter	 2,731	NA
Radeon Pro 450	 2,723	NA
FirePro V7900	 2,718	\$119.99*
GeForce GTX 650 Ti	 2,659	\$129.99*
GeForce GTX 460	 2,656	\$89.99*
GeForce GTX 770M	 2,637	\$177.99*
Radeon HD 5870	 2,616	\$99.99*
Quadro K5000M	 2,609	\$329.99*
Radeon HD 6870	 2,605	\$89.99*
Radeon HD 5970	 2,595	\$329.99*
Quadro K2200M	 2,572	NA
GeForce GTX 460 v2	 2,502	\$199.99*
Quadro K4100M	 2,497	\$379.99*
MxGPU	 2,487	NA
FirePro 3D V8800	 2,472	\$424.99*
GeForce GTX 675MX	 2,410	NA
Radeon RX Vega 11	 2,387	NA
GeForce GTX 485M	 2,383	NA
GeForce GTX 870M	 2,375	NA
Radeon Vega 11	 2,336	NA
Quadro K620	 2,328	\$167.99
GeForce GTX 580M	 2,324	NA
GeForce GTX 960A	 2,310	NA
Radeon HD 6850	 2,279	\$99.99*
Radeon HD 5850	 2,275	\$79.99*
Radeon R7 250X	 2,269	\$260.69
Radeon R9 350	 2,265	\$80.05
GeForce GT 1030	2,264	\$77.99
	2,255	

Quadro K4000M		NA
GeForce GTX 460 SE	 2,251	\$159.99*
GRID M10-8Q	 2,250	NA
GRID K280Q	 2,243	NA
GeForce GT 645	 2,215	NA
Quadro M1000M	 2,213	\$200.89*
Radeon HD 7770	 2,213	\$315.59
GeForce GTX 560 SE	 2,210	\$89.99*
Firepro W5170M	 2,183	NA
GeForce GTX 960M	 2,179	NA
RadeonT R7 450	 2,179	NA
GeForce GTX 745	 2,176	NA
Radeon R7 450	 2,172	\$49.99*
GeForce GTX 555	 2,157	NA
Radeon R7 M465X	 2,149	NA
Radeon TM R9 A360	 2,148	NA
GRID K240Q	 2,144	NA
GeForce GTX 675M	 2,140	NA
Radeon R9 M470	 2,118	NA
FirePro M5100	 2,097	NA
Intel Iris Pro P580	 2,081	NA
GeForce GTX 670MX	 2,064	NA
Radeon R9 M375X	 2,062	NA
GeForce MX150	 2,062	NA
Radeon HD 5830	 2,046	\$159.99*
Radeon HD 6790	 2,043	\$64.99*
GeForce GTX 480M	 2,043	NA
Quadro 5000M	 2,039	NA
Quadro 4000	 2,026	\$189.00
GeForce GTX 570M	 2,022	NA
Radeon Vega 8	 2,008	NA
Radeon R9 M360	 1,983	NA
Radeon R7 + R7 350 Dual	 1,982	NA
Quadro K3100M	 1,981	\$1,999.00*
Radeon R7 + HD 7700 Dual	 1,962	NA
Radeon HD 7660D + HD 7700 Dual	 1,958	NA
Matrox C680 PCIe x16	 1,952	NA
GeForce GTX 470M	 1,950	NA
Radeon HD 6900M	 1,937	NA
Radeon Vega 10	 1,935	NA
Radeon R9 M370X	 1,934	NA
GeForce GTX 670M	 1,929	NA
GeForce GTX 550 Ti	 1,928	\$287.59*
GeForce GTX 645	 1,923	NA
GeForce MX130	 1,904	NA
GeForce GTX 765M	 1,877	NA
Intel Iris Pro 580	 1,840	NA
Radeon Pro WX 2100	 1,837	NA
GeForce GTX 860M	 1,836	NA
Radeon HD 8570D + HD 7700 Dual	1,835	NA
	1,832	

GeForce GTX 650		\$144.81
Quadro 5010M		\$235.95*
Quadro M600M		NA
Matrox C900 PCIe x16		NA
FirePro 3D V7800		\$599.99*
GeForce GTX 950M		NA
Radeon HD 8870M / R9 M270X / M370X		NA
Radeon R7 FX-9830P RADEON		NA
Quadro 4000M		\$299.00*
Radeon HD 8670D + 7700 Dual		NA
Radeon R9 255		\$347.07
Quadro K3000M		\$155.00*
FirePro W4100 Adapter		NA
Radeon Vega 6		NA
Quadro P400		\$119.99
FirePro M4000 Mobility Pro		NA
Quadro K2000		\$181.04
FirePro W600		\$479.99*
FirePro M6000 Mobility Pro		NA
Radeon HD 5770		\$115.99*
FirePro W5130M		NA
Radeon HD 7750		\$139.99
Quadro P500		NA
Radeon HD 6770		\$76.99*
Radeon Vega 8 Mobile		NA
Quadro K2000D		\$498.00
Radeon RX Vega 10		NA
Radeon 540		NA
Ryzen 7 2700U with Radeon Vega		NA
Radeon HD 8870M		NA
Intel Iris 550		NA
FirePro W4100		\$159.99*
Radeon E8860		NA
GeForce GT 755M		NA
GeForce GT 740		\$94.99*
FirePro M4000		NA
GeForce GTX 850M		NA
GeForce GTS 450		\$64.99*
GeForce GTX 560M		NA
Radeon HD 4890		\$109.99*
GeForce GTX 950A		NA
Intel Iris Pro Graphics 6200		NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C		NA
FirePro V5900		\$319.99*
Intel Iris Plus 650		NA
Ryzen 5 2500U with Radeon Vega		NA
Radeon R9 M275X / M375		NA
Radeon HD 7660D + HD 6670 Dual		NA
Quadro M520		NA
Radeon HD 7870M		NA

Intel HD P630		1,470	NA
GeForce 945M		1,467	NA
Quadro 3000M		1,455	\$50.99
FirePro 3D V5800		1,448	\$369.99*
Radeon HD 5750		1,436	\$69.41*
Radeon HD 7730		1,432	\$49.99*
GeForce GTX 660M		1,429	NA
Radeon HD 7560D + 7670 Dual		1,426	NA
Radeon R7 430		1,422	NA
Radeon R9 M270X		1,418	NA
GeForce GTX 760M		1,416	NA
Radeon R7 250		1,408	\$73.92
Intel Iris Plus 640		1,399	NA
GeForce GTX 460M		1,394	NA
Radeon R7 M370		1,385	NA
Radeon HD 4870		1,382	\$59.99*
Radeon R7 PRO A12-8870		1,376	NA
Radeon HD 7850M		1,373	NA
Radeon R7 PRO A10-9700		1,368	NA
Radeon HD 8670D + 6670 Dual		1,361	NA
FirePro M40003		1,359	NA
Intel Iris 540		1,350	NA
Radeon R7 PRO A12-9800		1,347	NA
Radeon HD 7560D + HD 7700 Dual		1,347	NA
FireStream 9270		1,341	NA
Barco MXRT 5400		1,335	NA
Radeon R7 PRO A10-8770		1,320	NA
Radeon HD 8790M		1,317	NA
Radeon HD 6750		1,316	\$49.99*
Quadro 2000		1,315	\$118.99
FirePro M5950		1,314	NA
Quadro K2100M		1,310	\$159.99*
Radeon R7 M465		1,306	NA
Radeon HD 4870 X2		1,305	NA
GeForce 940MX		1,304	NA
FirePro V4900		1,299	\$144.99*
GeForce GT 545		1,295	\$55.59*
Radeon R7 + R7 200 Dual		1,290	NA
GeForce GT 750M		1,288	NA
GeForce GTX 760A		1,281	NA
Radeon R7 A370		1,281	NA
GeForce GT 640		1,281	\$59.99*
Quadro 2000D		1,278	\$209.00*
Radeon R9 M265X		1,272	NA
FirePro 3D V8750		1,272	\$1,230.99*
GeForce GTX 285		1,270	\$179.99*
FirePro W4170M		1,269	NA
Firepro W4190M		1,269	NA
Radeon HD 8570D + HD 6670 Dual		1,261	NA
Radeon R7 PRO A8-8670E		1,248	NA



GeForce GTX 275	 1,241	\$119.99*
Radeon HD 8570D + 6570 Dual	 1,239	NA
Radeon HD 7660D + 6670 Dual	 1,238	NA
Mobility Radeon HD 5870	 1,237	NA
Radeon HD 8790M / R9 M290X	 1,237	NA
Radeon R7 A12-9800 RADEON	 1,235	NA
Radeon R7 A10-9700 RADEON	 1,224	NA
Radeon HD 8670D + HD 6670 Dual	 1,222	NA
GeForce GT 650M	 1,221	NA
Radeon R9 M375	 1,214	NA
FirePro 3D V8700	 1,208	\$199.99*
FirePro V4800	 1,205	NA
GeForce 930A	 1,204	NA
GeForce GTX 280	 1,201	\$522.78*
Radeon R7 M350	 1,199	NA
Radeon HD 7750M	 1,191	NA
Radeon R7 A12-9800E RADEON	 1,186	NA
Radeon R7 PRO A10-8770E	 1,185	NA
Radeon 530	 1,185	NA
Quadro 2000 D	 1,182	NA
GeForce GPU	 1,172	NA
Radeon R7 A10-7890K	 1,171	NA
Intel Iris Pro 5200	 1,170	NA
GeForce 930MX	 1,166	NA
FireStream 9250	 1,165	NA
Radeon R7 PRO A12-8870E	 1,160	NA
NVS 810	 1,153	\$624.99
Radeon HD 4850 X2	 1,148	NA
Radeon HD 8850M / R9 M265X	 1,140	NA
Radeon R7 A10-7870K	 1,138	NA
GeForce GT 745A	 1,135	NA
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\* - Last price seen from our affiliates.

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