

Videocard Benchmarks



Over 1,000,000 Video Cards Benchmarked

High End Video Cards

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.

- VIDEO CARD
- High End
 - High Mid Range
 - Low Mid Range
 - Low End
- Best Value
 - Common
 - Market Share (30 Days)
- Compare 0
- Video Card Mega List
 - Search Model
- GPU Compute Video Card Chart

G3D Mark








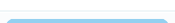

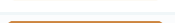
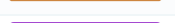
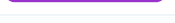

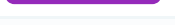
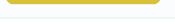

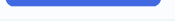





















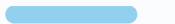





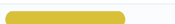


Price Performance

PassMark - G3D Mark














High End Videocards





Video Card	G3D Mark	Price Performance
TITAN V CEO Edition	16,988	NA
GeForce RTX 2080 Ti	16,730	1,059.99
TITAN RTX	16,141	2,449.00
GeForce RTX 2080 SUPER	15,857	699.99
GeForce RTX 2080	15,466	689.99
TITAN Xp COLLECTORS EDITION	14,976	NA
GeForce RTX 2070 SUPER	14,897	499.99
Quadro RTX 6000	14,837	6,300.00*
Quadro RTX 5000 with Max-Q Design	14,700	NA
TITAN V	14,453	3,179.00*
Radeon VII	14,376	599.99
NVIDIA TITAN Xp	14,268	1,499.99
GeForce GTX 1080 Ti	14,200	1,012.97*
Radeon RX 5700 XT 50th Anniversary	14,146	NA
Radeon RX 5700 XT	14,112	379.99
GeForce RTX 2070	14,003	399.99
GeForce RTX 2060 SUPER	13,765	399.99
NVIDIA TITAN X	13,660	1,200.00*
Quadro RTX 8000	13,546	4,741.49*
Quadro P6000	13,202	2,965.37
Quadro RTX 5000	13,182	NA
Quadro RTX 4000	13,154	899.00*
GeForce RTX 2080 (Mobile)	13,122	NA
GeForce RTX 2060	12,807	299.99
Quadro GV100	12,721	NA
Quadro GP100	12,663	NA

				12,593		
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Radeon RX Vega 64				12,294	389.99*
	GeForce GTX 1070 Ti				12,289	503.39
	Radeon RX Vega 56				12,075	249.99
	Radeon Pro W5700				12,032	799.99
	Quadro RTX 5000 (Mobile)				12,027	NA
	Radeon RX 5600 XT				11,973	279.99
	Radeon Pro Vega II				11,919	NA
	Radeon Pro Vega 56				11,916	NA
	Radeon Pro Vega 48				11,872	NA
	Radeon PRO WX 8200				11,539	969.99
	GeForce GTX 1660 Ti				11,472	259.99
	Radeon Pro Vega 64				11,456	NA
	GeForce GTX 980 Ti				11,449	487.48*
	GeForce GTX 1070				11,389	399.99*
	GeForce GTX 1660 SUPER				11,280	229.99
	GeForce RTX 2070 (Mobile)				11,263	NA
	Quadro RTX 4000 with Max-Q Design				11,186	NA
	GeForce RTX 2070 with Max-Q Design				11,168	NA
	Radeon Vega Frontier Edition				11,138	599.99*
	Radeon Pro WX 9100				10,895	NA
	GeForce GTX 1660				10,827	209.99
	GeForce GTX TITAN X				10,688	1,999.99*
	Radeon Pro SSG				10,498	NA
	GeForce RTX 2060 (Mobile)				10,480	NA
	Quadro P4000				10,441	721.52
	Quadro P4200				10,374	NA
	Quadro P4200 with Max-Q Design				10,323	NA
	GeForce GTX 1080 with Max-Q Design				10,175	NA
	Quadro RTX 3000				10,144	NA
	Quadro M6000 24GB				10,058	NA
	Quadro P5000				10,040	1,594.00
	Quadro P2200				9,918	417.49
	Quadro P5200 with Max-Q Design				9,796	NA
	GeForce GTX 980				9,693	527.20*
	GeForce GTX 1650 SUPER				9,636	159.99
	Quadro M6000				9,583	2,399.00*
	GeForce GTX 1660 Ti (Mobile)				9,541	NA
	GeForce GTX 1070 with Max-Q Design				9,470	NA
	Radeon RX 590				9,465	239.99
	GeForce GTX 1070 (Mobile)				9,442	NA
	Radeon Pro Duo				9,436	449.00*
	Radeon R9 Fury				9,220	399.99*
	Quadro P5200				9,186	NA
	GeForce GTX 1060				9,099	288.47
	Quadro P4000 with Max-Q Design				9,083	NA
	GeForce GTX 1060 3GB				8,996	169.99

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GeForce GTX 970				8,663	329.99*
	Radeon Pro W5500				8,628	NA
	Radeon RX 580				8,610	151.99
	GeForce GTX 1660 Ti with Max-Q Design				8,592	NA
	Quadro M5000				8,538	999.00*
	Radeon R9 390X				8,514	NA
	Radeon R9 Fury + Fury X				8,491	399.99*
	Radeon RX 5500 XT				8,358	179.99
	Radeon RX 580 2048SP				8,169	NA
	Radeon RX 480				8,157	349.99*
	Radeon R9 390				8,121	NA
	Quadro P3200				7,968	NA
	GeForce GTX 780				7,956	725.99
	GeForce GTX Titan				7,940	1,219.99
	GeForce GTX 1650				7,920	149.99
	Quadro M5500				7,915	NA
	Radeon Pro WX 7100				7,881	499.99
	GeForce GTX 1060 with Max-Q Design				7,856	NA
	Radeon RX 470				7,824	300.95
	Radeon R9 295X2				7,790	1,099.99*
	Radeon Pro 580				7,753	NA
	GeForce GTX TITAN Z				7,647	3,349.99*
	GeForce GTX 1060 (Mobile)				7,646	NA
	FirePro W8100 Graphic Adapter				7,570	NA
	Quadro K6000				7,489	928.00
	Radeon R9 290X / 390X				7,458	688.88
	Quadro RTX 3000 with Max-Q Design				7,429	NA
	Quadro T2000				7,398	NA
	Tesla P100-PCIE-16GB				7,225	NA
	Tesla M60				7,192	2,350.00*
	FirePro W9100				7,187	2,749.99*
	Quadro P2000				7,181	424.00
	Radeon R9 290 / 390				7,159	389.99
	Radeon RX Vega M GH				7,054	NA
	Radeon RX 570				6,968	114.99
	GeForce GTX 1650 (Mobile)				6,937	NA
	Quadro M4000				6,675	298.99
	Quadro T1000				6,667	NA
	Radeon Pro 5500M				6,572	NA
	GeForce GTX 1060 5GB				6,407	NA
	Radeon Pro 570				6,337	NA
	Radeon Pro Vega 20				6,319	NA
	Radeon R9 380X				6,249	445.00*
	Radeon R9 380				6,170	264.99*
	FirePro W8100				6,165	1,112.18*
	Quadro K5200				6,092	639.27
	GeForce GTX 1050 Ti				6,078	157.99

		6,063				
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Quadro P3000				5,921	NA
	GeForce GTX 1650 with Max-Q Design				5,909	NA
	GRID M60-2Q				5,904	NA
	Radeon Pro 5300M				5,882	NA
	RadeonT RX 5500M				5,873	NA
	Radeon R9 280X				5,851	NA
	GeForce GTX 960				5,840	229.99*
	Quadro M5000M				5,797	499.95*
	GeForce GTX 1050 Ti with Max-Q Design				5,784	NA
	Radeon R9 M395X				5,782	NA
	GeForce GTX 680				5,668	579.99*
	Radeon Pro WX 5100				5,642	355.99
	Radeon HD 7990				5,566	299.98
	FirePro W7100 Adapter				5,554	NA
	Radeon R9 285 / 380				5,550	310.00
	GeForce GTX 760 Ti OEM				5,419	NA
	FirePro W7100				5,413	289.99*
	GeForce GTX 690				5,407	999.00*
	Quadro P2000 with Max-Q Design				5,392	NA
	Radeon R9 280				5,387	NA
	GeForce GTX 670				5,362	474.99*
	FirePro W9000				5,305	3,443.99*
	GeForce GTX 950				5,254	169.99*
	Radeon HD 7970 / R9 280X				5,248	345.00
	FirePro S10000				5,235	NA
	Radeon HD 8990				5,157	NA
	Radeon R9 M295X				5,150	NA
	Radeon RX Vega M GL				5,146	NA
	GeForce GTX 760 Ti				5,119	297.50*
	Radeon R9 M395				5,104	NA
	FirePro S9000				5,059	NA
	GeForce GTX 580				5,017	289.88*
	Quadro M4000M				4,974	NA
	GeForce GTX 760				4,939	249.99*
	Radeon Sky 500				4,889	NA
	GeForce GTX 1050				4,808	169.59
	Radeon HD 7950 / R9 280				4,765	441.75
	FirePro W8000 Adapter				4,752	NA
	Radeon R9 370				4,722	NA
	Radeon R9 270X				4,699	299.00
	GRID M60-1Q				4,680	NA
	FirePro W8000				4,674	1,048.99*
	GeForce GTX 660 Ti				4,655	279.99*
	Radeon R7 370				4,639	NA
	FirePro W7170M				4,579	NA
	Quadro M3000M				4,571	NA













		4,505				
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GRID P6-4Q				4,429	NA
	GeForce GTX 570				4,418	99.99*
	Quadro P1000				4,411	309.25
	Radeon HD 7870				4,386	249.99
	GRID K520				4,384	NA
	GeForce GTX 480				4,361	71.99*
	FirePro W7000				4,360	569.99*
	Radeon R9 M390X				4,357	NA
	Radeon RX 460				4,333	127.08*
	Barco MXRT 7500				4,319	NA
	Radeon RX 560				4,293	109.99
	Quadro M2000				4,282	475.95*
	GeForce GTX 970M				4,279	1,899.00*
	GeForce GTX 680MX				4,271	NA
	Radeon R9 270 / R7 370				4,260	108.23
	GeForce GTX 775M				4,222	NA
	GeForce GTX 590				4,217	184.00*
	FirePro S7000				4,166	NA
	GeForce GTX 660				4,131	284.99*
	FirePro W7000 Adapter				4,106	NA
	Radeon Pro WX 4100				4,093	259.99
	Radeon R9 M290X				4,061	NA
	GeForce GTX 780M				4,039	NA
	Quadro K5000				4,021	384.02
	GRID P6-2Q				4,001	NA
	Radeon Pro WX4100				3,953	NA
	Quadro P620				3,889	166.99
	GRID M60-8Q				3,884	NA
	Radeon HD 8970M				3,876	139.99
	GeForce GTX 1050 with Max-Q Design				3,861	NA
	Radeon HD 7850				3,850	459.59
	P106-100				3,802	NA
	Radeon HD 7970M				3,795	NA
	GeForce GTX 750 Ti				3,778	299.01*
	Quadro M2200				3,777	249.99*
	GRID K2				3,773	582.27
	GeForce GTX 880M				3,745	NA
	Radeon Pro 560X				3,678	NA
	Quadro K2200				3,605	189.99
	GeForce GTX 470				3,602	522.01*
	Radeon R9 M470X				3,563	NA
	GeForce GTX 650 Ti BOOST				3,537	NA
	Quadro 6000				3,529	3,869.00
	GeForce GTX 560 Ti				3,528	138.00*
	Radeon HD 6970				3,524	94.99*
	Radeon RX 560X				3,520	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	FirePro M6100 FireGL V				3,487	NA
	Tesla C2050 / C2070				3,428	NA
	Radeon RX 550				3,414	79.99
	Radeon HD8970M				3,369	NA
	Tesla C2075				3,364	595.75
	GeForce GTX 680M				3,349	499.99*
	GeForce GTX 750				3,333	129.99*
	Radeon R7 360				3,320	146.65*
	Radeon Pro WX 3100				3,306	NA
	Tesla C2070				3,275	NA
	GeForce GTX 965M				3,273	NA
	Quadro P600				3,228	224.95*
	Radeon HD 6950				3,220	89.99*
	Radeon RX 5500M				3,191	NA
	GRID M60-4Q				3,189	NA
	Radeon R7 260X				3,184	220.00*
	FirePro V7000 Adapter				3,162	NA
	Radeon Pro WX 4150				3,151	NA
	Radeon Pro 555				3,141	NA
	Quadro K5100M				3,128	799.95*
	GeForce GTX 560				3,117	353.59*
	Radeon Pro 455				3,113	NA
	Quadro M1200				3,112	NA
	FirePro W5000				3,090	434.00*
	Radeon HD 7790				3,087	134.99*
	Radeon R9 M380				3,051	NA
	Quadro K1200				3,044	198.37
	FirePro W5100				3,032	279.13*
	Radeon R9 360				3,032	519.00*
	Radeon R9 260				3,018	NA
	Radeon HD 8950				3,006	NA
	Quadro M2000M				2,988	279.95*
	Radeon Pro WX 4130				2,984	NA
	FirePro M6100				2,948	NA
	GeForce GTX 465				2,946	263.28*
	GRID K260Q				2,941	NA
	Radeon HD 6990				2,933	159.99*
	FirePro W4300				2,909	239.99*
	Radeon R7 260				2,892	89.99*
	Quadro K4000				2,881	176.42
	Quadro 5000				2,858	249.99
	FirePro 3D V9800				2,812	2,499.00*
	Quadro M620				2,805	NA
	Quadro K2200M				2,774	NA
	FirePro V7900				2,749	119.99*
	FirePro V9800 Adapter				2,727	NA
	Radeon Pro 450				2,723	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GeForce GTX 770M				2,671	177.99*
	Radeon HD 5870				2,622	99.99*
	Radeon HD 6870				2,617	89.99*
	Radeon HD 5970				2,603	329.99*
	GeForce MX250				2,595	NA
	Quadro K5000M				2,572	389.25*
	GeForce GTX 460 v2				2,497	199.99*
	GeForce GTX 870M				2,483	NA
	GeForce GTX 675MX				2,476	NA
	Quadro M1000M				2,438	85.99*
	FirePro 3D V8800				2,438	424.99*
	Radeon R9 M470				2,435	NA
	GeForce GTX 960M				2,424	NA
	GeForce GTX 960A				2,411	NA
	GeForce GTX 485M				2,401	NA
	GRID K280Q				2,363	NA
	Quadro K620				2,341	138.83
	GeForce GT 1030				2,326	79.99
	GRID M10-1B				2,310	NA
	Radeon HD 6850				2,297	99.99*
	Radeon RX 540				2,288	NA
	Radeon HD 5850				2,282	79.99*
	Radeon Pro WX 2100				2,281	NA
	GeForce GTX 580M				2,279	NA
	Radeon RX Vega 11				2,276	NA
	Radeon HD 6970M				2,270	NA
	Radeon R7 250X				2,269	260.70
	GeForce GTX 460 SE				2,258	159.99*
	Quadro K4000M				2,254	599.99*
	GeForce MX150				2,253	NA
	GeForce GT 645				2,251	NA
	Radeon R9 350				2,235	103.85
	Radeon HD 7770				2,226	315.59
	GeForce GTX 745				2,204	NA
	GeForce GTX 560 SE				2,201	89.99*
	Radeon R7 450				2,197	89.99*
	RadeonT R7 450				2,185	NA
	Firepro W5170M				2,176	NA
	GeForce GTX 555				2,162	NA
	GeForce MX230				2,152	NA
	Radeon TM R9 A360				2,148	NA
	GRID K240Q				2,144	NA
	GeForce GTX 675M				2,144	NA
	Radeon R9 M375X				2,132	NA
	Quadro P520				2,123	NA
	FirePro M5100				2,103	NA
	Quadro K3100M				2,094	399.95*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Iris Pro P580				2,065	NA
	Quadro 4000				2,056	159.98
	Intel Iris Plus 645				2,055	NA
	Radeon HD 5830				2,054	159.99*
	GeForce GTX 480M				2,051	NA
	Radeon HD 6790				2,049	64.99*
	Radeon R9 M360				2,042	NA
	GeForce GTX 570M				2,024	NA
	Embedded Radeon E9173				1,996	NA
	GeForce GTX 860M				1,993	NA
	Radeon R7 + R7 350 Dual				1,982	NA
	GeForce MX130				1,982	NA
	Intel Iris Plus 655				1,970	NA
	Radeon HD 6900M				1,965	NA
	GeForce GTX 950M				1,964	NA
	Radeon R7 + HD 7700 Dual				1,962	NA
	Radeon HD 7660D + HD 7700 Dual				1,958	NA
	Matrox C680 PCIe x16				1,956	NA
	GeForce GTX 670M				1,953	NA
	GeForce GTX 470M				1,950	NA
	GeForce GTX 645				1,940	NA
	Quadro M600M				1,932	102.99*
	Radeon R9 M370X				1,932	NA
	GeForce GTX 550 Ti				1,922	287.59*
	GeForce GTX 765M				1,890	NA
	GeForce GTX 950A				1,885	NA
	Intel Iris Pro 580				1,882	NA
	FirePro 3D V7800				1,867	599.99*
	Radeon Vega 9				1,856	NA
	GeForce GTX 650				1,837	144.81*
	Radeon HD 8570D + HD 7700 Dual				1,835	NA
	Quadro 5010M				1,833	235.95*
	MxGPU				1,826	NA
	Intel Iris Plus				1,820	NA
	Radeon RX Vega11				1,820	NA
	Matrox C900 PCIe x16				1,812	NA
	Radeon R9 255				1,808	344.16*
	Radeon HD 8870M / R9 M270X / M370X				1,800	NA
	Radeon R7 FX-9830P RADEON				1,790	NA
	Quadro 4000M				1,789	91.01
	Radeon HD 8670D + 7700 Dual				1,789	NA
	Radeon Vega 10				1,767	NA
	Radeon Pro WX3200				1,766	NA
	Quadro K3000M				1,748	155.00*
	Radeon RX Vega 8				1,745	NA
	FirePro M6000 Mobility Pro				1,734	NA
	Radeon Vega 8				1,733	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
					1.727	
	Radeon RX Vega 10				1.716	NA
	FirePro M4000 Mobility Pro				1.714	NA
	Radeon HD 7750				1.714	144.99
	Quadro P400				1.714	105.94
	Radeon HD 5770				1.714	115.99*
	Radeon RX 550X				1.709	NA
	Radeon Vega 11				1.709	NA
	FirePro W600				1.704	319.99*
	FirePro W4100 Adapter				1.693	NA
	Radeon HD 6770				1.686	76.99*
	Quadro K2000D				1.679	139.98
	FirePro W5130M				1.674	NA
	GeForce GTX 850M				1.669	NA
	Radeon Vega 10 Mobile				1.661	NA
	Radeon HD 8870M				1.638	NA
	Radeon Vega 8 Mobile				1.633	NA
	Quadro M520				1.632	NA
	GeForce MX110				1.631	NA
	FirePro M4000				1.629	NA
	Ryzen 7 2700U with Radeon Vega				1.617	NA
	FirePro W4100				1.607	159.99*
	GeForce GT 755M				1.605	NA
	Intel Iris 550				1.587	NA
	Intel Iris Plus 650				1.580	NA
	Radeon E8860				1.577	NA
	Radeon 540X				1.574	NA
	Radeon 540				1.569	NA
	GeForce GT 740				1.568	94.99*
	GeForce 945M				1.558	NA
	GeForce GTS 450				1.557	64.99*
	Radeon Vega 6				1.553	1,799.99*
	Radeon HD 8470D + HD 7500 Dual				1.545	NA
	Intel Iris Pro Graphics 6200				1.545	NA
	Radeon HD 4890				1.544	109.99*
	GeForce GTX 560M				1.542	NA
	FirePro V5900				1.534	319.99*
	Radeon R9 M275X / M375				1.525	NA
	Radeon HD 7870M				1.507	NA
	Ryzen 5 2500U with Radeon Vega				1.503	NA
	FirePro 3D V5800				1.487	369.99*
	Radeon HD 7660D + HD 6670 Dual				1.485	NA
	Quadro 3000M				1.468	69.99*
	Radeon HD 5750				1.462	69.41*
	GeForce GTX 660M				1.449	NA
	Intel Iris Plus 640				1.445	NA
	Radeon R9 M270X				1.445	NA

	 Radeon HD 7730					1,427	49.99*
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone	
	 Radeon R7 250					1,403	106.45
	 GeForce GTX 460M					1,398	NA
	 Radeon HD 4870					1,384	59.99*
	 GeForce 940MX					1,381	NA
	 Radeon R7 PRO A12-8870					1,376	NA

* - Last price seen from our affiliates.

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