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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 9th of June 2017

		Price (
NVIDIA TITAN Xp	14,479	\$1,.
Quadro P6000	13,473	\$4,.
GeForce GTX 1080 Ti	13,303	\$
NVIDIA TITAN X	13,046	\$1,.
GeForce GTX 1080	11,986	\$
GeForce GTX 980 Ti	11,332	\$
GeForce GTX 1070	11,017	\$
GeForce GTX TITAN X	10,660	\$1
Quadro GP100	10,599	
Quadro P4000	10,373	\$
Quadro P5000	10,163	\$1
Quadro M6000 24GB	10,091	
GeForce GTX 980	9,586	\$
Radeon Pro Duo	9,445	\$
Quadro M6000	9,421	\$4
Quadro M5500	9,323	
GeForce GTX 780 Ti	8,898	\$
Quadro P2000	8,746	\$
GeForce GTX 1060	8,710	\$

GeForce GTX 1060 3GB	8,577	\$
GeForce GTX TITAN Black	8,571	\$1
GeForce GTX 970	8,570	\$
Quadro M5000	8,509	\$2
Radeon R9 390X	8,448	
Radeon R9 Fury + Fury X	8,342	\$
FirePro W8100 Graphic Adapter	8,219	
Radeon RX 480	8,068	\$
Radeon RX 580	8,005	\$
GeForce GTX 780	7,985	\$
Radeon R9 390	7,910	
Radeon Pro WX 7100	7,875	\$1
GeForce GTX Titan	7,874	\$1
GeForce GTX TITAN Z	7,781	\$2
Quadro K6000	7,776	\$2,
GRID M60-2Q	7,621	
Radeon R9 295X2	7,444	\$1,
Radeon RX 570	7,381	\$
Radeon RX 470	7,364	\$
Radeon R9 290X / 390X	7,319	\$
Radeon R9 290 / 390	7,036	\$
FirePro W9100	6,834	\$2
Quadro M4000	6,701	\$
FirePro S7150	6,276	\$1
GeForce GTX 770	6,105	\$1
Quadro K5200	6,100	\$1
Radeon Pro WX 5100	6,040	\$
Radeon R9 380X	6,023	\$
Radeon R9 380	6,017	\$,
FirePro W7100 Adapter	5,967	
FirePro W8100	5,872	\$,
GeForce GTX 960	5,822	\$
Radeon R9 280X	5,812	
Radeon R9 M395X	5,774	
GeForce GTX 1050 Ti	5,770	\$
GeForce GTX 980M	5,699	
GeForce GTX 680	5,693	\$
Radeon R9 285 / 380	5,548	\$
Radeon HD 7990	5,484	\$1,
Quadro P3000	5,386	
FirePro W7100	5,386	\$,
GeForce GTX 670	5,374	\$
Quadro M5000M	5,337	
GeForce GTX 690	5,321	\$,
Radeon R9 280	5,305	

Radeon HD 7970 / R9 280X	5,248	\$
GeForce GTX 950	5,211	\$
FirePro W9000	5,178	\$3,000
Radeon R9 M395	5,155	
Radeon R9 M295X	5,102	
GeForce GTX 760 Ti	5,069	\$
GeForce GTX 580	5,014	\$
GeForce GTX 760	4,952	\$
Quadro P1000	4,928	\$
Radeon HD 7950 / R9 280	4,764	\$
Radeon HD 8990	4,750	
Radeon R9 370	4,722	
GeForce GTX 660 Ti	4,688	\$
Radeon R9 270X	4,653	\$
FirePro W8000 Adapter	4,646	
Radeon R7 370	4,643	
FirePro W7170M	4,619	
GeForce GTX 1050	4,494	\$
Quadro K4200	4,452	\$
Radeon HD 7870 XT	4,420	
GeForce GTX 570	4,410	\$
GRID M60-1Q	4,382	
GeForce GTX 680MX	4,372	
GeForce GTX 480	4,355	\$
Quadro M2000	4,341	\$
GRID K520	4,340	
Radeon HD 7870	4,335	\$
Radeon RX 460	4,329	
FirePro W8000	4,264	\$1,000
Radeon R9 270 / R7 370	4,259	\$
FirePro W7000 Adapter	4,243	
GeForce GTX 775M	4,203	
Radeon R9 M290X	4,183	
GeForce GTX 590	4,172	\$
FirePro S7000	4,166	
Quadro M3000M	4,151	
FirePro W7000	4,140	\$
GeForce GTX 660	4,120	\$
Radeon R9 M390X	4,118	
Radeon RX 560	4,054	
GeForce GTX 780M	4,050	
GeForce GTX 970M	4,038	\$2,000
Quadro K5000	3,994	\$
Radeon Pro WX4100	3,949	
Radeon HD 8970M	3,889	

Radeon HD 7850		3,809	\$:
GRID K2		3,773	\$2
Radeon HD 7970M		3,766	
Tesla C2050 / C2070		3,756	
Radeon Pro WX 4100		3,750	\$
Quadro M4000M		3,736	
GeForce GTX 750 Ti		3,697	\$
Quadro M2200		3,673	
GeForce GTX 470		3,606	\$:
GeForce GTX 880M		3,595	
GeForce GTX 560 Ti		3,538	\$
GeForce GTX 650 Ti BOOST		3,532	
Quadro K2200		3,517	\$
Radeon R9 M470X		3,508	
Radeon HD 6970		3,492	:
Quadro 6000		3,486	\$
Tesla C2050		3,472	
GRID M60-8Q		3,410	
GeForce GTX 680M		3,377	\$
GeForce GTX 750		3,278	\$
Radeon R7 360		3,255	
Quadro P600		3,204	\$
Radeon HD8970M		3,194	
Tesla C2075		3,191	\$2,:
Radeon HD 6950		3,191	:
FirePro V7000 Adapter		3,162	
GeForce GTX 560		3,129	\$:
Radeon Pro 555		3,125	
Radeon R7 260X		3,119	\$
Radeon HD 8950		3,104	
MxGPU		3,091	
FirePro W5000		3,056	\$:
Quadro K1200		3,055	\$
Radeon R9 M380		3,048	
Radeon R9 360		3,046	\$:
Tesla C2070		3,040	
Radeon HD 7790		3,036	\$
FirePro W4300		3,021	\$:
Radeon R9 260		3,018	
GeForce GTX 965M		3,007	
Quadro K5100M		2,992	
FirePro W5100		2,953	\$
GeForce GTX 465		2,949	\$:
GRID K260Q		2,941	
Quadro M620		2,924	

FirePro M6100	2,895	
Radeon R7 260	2,881	:
Quadro K4000	2,848	\$
FirePro 3D V9800	2,812	\$2,1
Quadro 5000	2,775	\$
FirePro V9800 Adapter	2,716	
FirePro V7900	2,702	\$
GeForce GTX 650 Ti	2,659	\$
GeForce GTX 460	2,650	:
GeForce GTX 770M	2,645	
Quadro M2000M	2,641	
Radeon HD 6990	2,625	\$
Radeon HD 5870	2,607	:
Quadro M1200	2,605	
Quadro K5000M	2,600	\$:
Radeon HD 5970	2,597	\$:
Radeon HD 6870	2,592	:
GeForce GTX 460 v2	2,521	\$
Device	2,502	
Quadro K4100M	2,454	
FirePro 3D V8800	2,407	\$
GeForce GTX 675MX	2,365	
GeForce GTX 485M	2,342	
Quadro K4000M	2,312	
Quadro K620	2,311	\$
GeForce GTX 580M	2,287	
GeForce GTX 870M	2,280	
Intel Iris Pro P580	2,273	
Radeon HD 5850	2,261	:
Radeon HD 6850	2,260	:
GeForce GTX 460 SE	2,249	\$
GRID K280Q	2,243	
GeForce GTX 560 SE	2,231	:
Quadro K2200M	2,223	
GeForce GT 645	2,215	
Radeon R9 350	2,214	\$
Radeon HD 7770	2,191	\$
Radeon R9 M375X	2,189	
GeForce GTX 555	2,179	
GeForce GTX 745	2,171	
RadeonT R7 450	2,165	
Radeon R7 450	2,152	
GeForce GTX 960A	2,152	
Radeon TM R9 A360	2,148	
GRID K240Q	2,144	

GeForce GTX 675M		2,132	
Firepro W5170M		2,100	
Quadro M1000M		2,067	\$:
GeForce GTX 670MX		2,053	
GeForce GTX 960M		2,042	
Quadro 5000M		2,039	
Radeon HD 5830		2,038	\$:
Radeon HD 6790		2,037	:
FirePro M5100		2,035	
GeForce GTX 570M		2,026	
GeForce GTX 480M		2,022	
Quadro 4000		1,989	\$:
Radeon R7 + R7 350 Dual		1,982	
Radeon R7 + HD 7700 Dual		1,962	
Radeon HD 7660D + HD 7700 Dual		1,958	
Matrox C680 PCIe x16		1,952	
GeForce GTX 470M		1,950	
Radeon R9 M370X		1,941	
GeForce GTX 550 Ti		1,927	\$:
Radeon HD 6900M		1,925	
GeForce GTX 645		1,920	
Intel Iris Pro 580		1,918	
Radeon R9 M360		1,908	
GeForce GTX 670M		1,902	
Intel Iris Plus 650		1,895	
Quadro K3100M		1,881	\$1,:
GeForce GT 1030		1,879	
GeForce GTX 765M		1,876	
Radeon HD 8570D + HD 7700 Dual		1,835	
GeForce GTX 650		1,832	\$:
Matrox C900 PCIe x16		1,812	
FirePro 3D V7800		1,810	\$:
FirePro W5130M		1,807	
GeForce GTX 950M		1,802	
Radeon HD 8870M / R9 M270X / M370X		1,800	
FirePro W4100 Adapter		1,799	
Radeon HD 8670D + 7700 Dual		1,789	
Quadro 4000M		1,787	\$:
FirePro W600		1,761	\$:
Radeon R9 255		1,757	
Quadro M600M		1,751	
Quadro 5010M		1,748	
GeForce GTX 860M		1,715	
Quadro K3000M		1,714	\$:
FirePro M4000 Mobility Pro		1,703	

Radeon HD 5770		1,695	\$
Intel Iris 550		1,692	
Quadro K2000		1,686	\$
Radeon HD 7750		1,681	\$
FirePro M6000 Mobility Pro		1,672	
Radeon HD 6770		1,670	!
Radeon E8860		1,658	
Quadro K2000D		1,652	\$
Radeon HD 8870M		1,640	
FirePro W4100		1,623	\$
GeForce GT 740		1,581	
GeForce GT 755M		1,573	
Radeon R7 430		1,569	
GeForce GTX 560M		1,558	
GeForce GTS 450		1,557	!
Radeon HD 4890		1,535	\$
FirePro M4000		1,529	
Radeon R9 M270X		1,522	
FirePro V5900		1,517	\$
Radeon R9 M275X / M375		1,509	
GeForce 945M		1,501	
GeForce GTX 850M		1,497	
Intel Iris Pro 6200		1,486	
Radeon HD 7660D + HD 6670 Dual		1,485	
Radeon HD 7870M		1,478	
Radeon R7 M465		1,464	
Intel Iris Plus 640		1,460	
Radeon R7 M380		1,447	
Radeon R7 PRO A12-8870		1,442	
Quadro 3000M		1,436	\$
Radeon HD 7560D + 7670 Dual		1,426	
Radeon R7 FX-9830P RADEON		1,423	
Radeon HD 5750		1,422	!
FirePro M40003		1,411	
GeForce GTX 660M		1,410	
Radeon R7 M350		1,408	
Radeon R7 250		1,407	
FirePro 3D V5800		1,405	\$
Radeon R7 M370		1,395	
GeForce GTX 760M		1,392	
Radeon HD 7730		1,388	!
GeForce GTX 460M		1,388	
Radeon HD 4870		1,380	!
Radeon HD 7850M		1,373	
Radeon R7 PRO A10-9700		1,371	

GeForce GTX 950A		1,367	
Radeon HD 8670D + 6670 Dual		1,361	
Intel Iris 540		1,361	
Radeon R7 PRO A12-9800		1,347	
Radeon HD 7560D + HD 7700 Dual		1,347	
FireStream 9270		1,341	
Barco MXRT 5400		1,335	
FirePro W4170M		1,327	
Radeon R7 PRO A10-8770		1,320	
FirePro M5950		1,314	
Quadro M520		1,310	
Quadro 2000		1,310	
Radeon R9 M265X		1,301	
Radeon HD 6750		1,297	:
Intel HD P630		1,293	
GeForce GT 750M		1,291	
Quadro 2000D		1,291	\$:
FirePro V4900		1,290	\$:
GeForce GT 545		1,284	:
GeForce GT 640		1,284	:
GeForce GTX 760A		1,281	
Radeon R7 A370		1,281	
Radeon HD 4870 X2		1,278	
Radeon R7 + R7 200 Dual		1,278	
Radeon R9 M375		1,274	
FirePro 3D V8750		1,272	\$1,:
GeForce GTX 285		1,266	\$:
Quadro K2100M		1,265	
Radeon HD 8790M		1,262	
Radeon HD 8570D + HD 6670 Dual		1,261	
Radeon HD 8570D + 6570 Dual		1,239	
Radeon HD 7660D + 6670 Dual		1,238	
Intel HD 630		1,238	
Radeon HD 8790M / R9 M290X		1,237	
GeForce GTX 275		1,236	\$
Radeon R7 + R5 340 Dual		1,235	
GeForce 940MX		1,224	
Firepro W4190M		1,222	
Mobility Radeon HD 5870		1,222	
Radeon HD 8670D + HD 6670 Dual		1,222	
Radeon R7 PRO A10-9700E		1,218	
Radeon R7 A10-7890K		1,216	
FirePro 3D V8700		1,208	\$:
GeForce GT 650M		1,206	
GeForce GTX 280		1,197	\$

Radeon HD 7750M		1,191	
Radeon R7 PRO A10-8770E		1,185	
Intel Iris Pro 5200		1,179	
Quadro 2000 D		1,168	
FireStream 9250		1,165	
NVS 810		1,153	\$
GeForce 930A		1,153	
Radeon R7 A10-7870K		1,153	
Radeon R7 PRO A12-8870E		1,147	
GeForce GT 745A		1,147	
GeForce 930MX		1,140	
Radeon HD 8850M / R9 M265X		1,140	
GeForce GPU		1,132	
Radeon HD 7560D + 6670 Dual		1,131	
Radeon HD 4850 X2		1,130	
GeForce GTX 260		1,128	!
FirePro M4170		1,114	
Radeon R9 M275		1,112	\$
Radeon R7 M260X		1,105	
FirePro M4150		1,103	
Radeon HD 7660D + 6570 Dual		1,100	
Radeon HD 7670		1,096	
Radeon HD 7640G + HD 8750M Dual		1,091	
Quadro FX 5800		1,086	\$:
FirePro 3D V4800		1,084	\$
Quadro K2000M		1,083	\$:
Radeon R7 PRO A12-9800E		1,077	
Intel HD P530		1,076	
Radeon HD 5670		1,069	!
Radeon HD 8850M		1,062	
Radeon R7 PRO A8-9600		1,062	
Radeon HD 7660D + 7670 Dual		1,062	
Radeon HD 7520G + 7700M Dual		1,061	
Firepro M4100		1,059	
GeForce GT 445M		1,058	
Quadro 2000M		1,057	!
Radeon R7 PRO A12-9800B		1,053	
Radeon HD 6670		1,052	\$
Radeon HD 7670A		1,051	
GeForce GTX 295		1,051	\$
Radeon R7 + R7 240 Dual		1,045	
Radeon HD 4770		1,045	

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* - Last price seen from our affiliates.

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