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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)

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High End Videocards - Updated 6th of September 2017

		Price (USD)
NVIDIA TITAN Xp	13,596	\$1,200.00*
Quadro P6000	13,558	\$4,959.00*
GeForce GTX 1080 Ti	13,355	\$729.99
NVIDIA TITAN X	13,105	\$1,200.00*
Radeon RX Vega 64	12,371	\$699.99
GeForce GTX 1080	11,997	\$499.99
GeForce GTX 980 Ti	11,317	\$579.99
Radeon Vega Frontier Edition	11,296	\$999.99
GeForce GTX 1080 with Max-Q Design	11,088	NA
GeForce GTX 1070	11,024	\$416.37
GeForce GTX TITAN X	10,668	\$1,606.50
Quadro P4000	10,292	\$794.91
Quadro P5000	10,123	\$1,999.00
Quadro M6000 24GB	10,091	NA
GeForce GTX 980	9,568	\$370.00
Radeon Pro Duo	9,486	\$749.99*
Quadro M6000	9,409	\$2,250.00
Quadro M5500	9,323	NA
GeForce GTX 780 Ti	8,886	\$369.99
GeForce GTX 1060	8,716	\$264.99
GeForce GTX 1060 3GB	8,604	\$199.99
GeForce GTX TITAN Black	8,567	\$999.99*
GeForce GTX 970	8,558	\$329.99
Quadro M5000	8,540	\$1,499.99

Radeon R9 390X	8,489	NA
Quadro GP100	8,488	NA
Quadro P2000	8,465	\$426.99
Radeon R9 Fury + Fury X	8,350	\$699.99
FirePro W8100 Graphic Adapter	8,219	NA
Radeon RX 480	8,115	\$749.86
GeForce GTX 780	7,972	\$249.99*
Radeon R9 390	7,971	NA
GeForce GTX Titan	7,894	\$1,219.99
Radeon RX 580	7,886	\$338.95
Radeon Pro WX 7100	7,831	\$619.99
Quadro K6000	7,769	\$2,298.89*
GeForce GTX TITAN Z	7,726	\$2,999.99
GRID M60-2Q	7,621	NA
Radeon R9 295X2	7,488	\$1,999.99*
Radeon RX 470	7,386	\$320.00
Radeon R9 290X / 390X	7,338	\$412.54
Radeon R9 290 / 390	7,057	\$339.00
Radeon RX 570	6,993	\$334.99
FirePro W9100	6,984	\$2,699.99
Quadro M4000	6,748	\$750.00
FirePro S7150	6,276	\$1,839.99
Quadro K5200	6,113	\$1,500.00
FirePro W7100 Adapter	6,096	NA
GeForce GTX 770	6,095	\$399.99
Radeon R9 380X	6,080	\$249.99*
Radeon R9 380	6,069	\$264.99*
FirePro W8100	5,872	\$919.99
Radeon R9 280X	5,808	NA
GeForce GTX 960	5,806	\$139.00
Radeon R9 M395X	5,762	NA
GeForce GTX 1050 Ti	5,746	\$144.99
GeForce GTX 1070 with Max-Q Design	5,732	NA
GeForce GTX 980M	5,714	NA
GeForce GTX 680	5,690	\$242.20
Radeon Pro WX 5100	5,672	\$354.99
Quadro P3000	5,601	NA
Radeon R9 285 / 380	5,553	\$252.33
Radeon HD 7990	5,484	\$1,126.99*
Quadro M5000M	5,469	NA
FirePro W9000	5,394	\$3,443.99*
FirePro W7100	5,374	\$549.99
GeForce GTX 670	5,373	\$464.99*
GeForce GTX 690	5,331	\$999.00*
Radeon R9 280	5,324	NA
GeForce GTX 1060 with Max-Q Design	5,307	NA
Radeon HD 7970 / R9 280X	5,248	\$299.99
GeForce GTX 950	5,206	\$214.98
Radeon R9 M395	5,190	NA
Radeon R9 M295X	5,150	NA

Quadro P1000	5,070	\$330.99
GeForce GTX 760 Ti	5,060	\$297.50*
GeForce GTX 580	5,018	\$289.88*
GeForce GTX 760	4,947	\$259.99*
FirePro W7170M	4,795	NA
Radeon RX 560	4,791	\$109.99
Radeon HD 7950 / R9 280	4,765	\$434.99
Radeon HD 8990	4,750	NA
GRID M60-1Q	4,727	NA
Radeon R9 370	4,722	NA
GeForce GTX 660 Ti	4,684	\$344.99
Radeon R9 270X	4,664	\$229.99
Radeon R7 370	4,648	NA
FirePro W8000 Adapter	4,646	NA
Quadro K4200	4,462	\$718.99*
Quadro M4000M	4,431	NA
FirePro W8000	4,428	\$1,048.99*
Radeon HD 7870 XT	4,423	NA
GeForce GTX 570	4,416	\$99.99*
GeForce GTX 1050	4,373	\$119.99
GeForce GTX 680MX	4,372	NA
GeForce GTX 480	4,354	\$71.99*
Radeon HD 7870	4,345	\$121.99
GRID K520	4,340	NA
Radeon RX 460	4,333	\$109.99
Quadro M2000	4,292	\$409.99
Radeon R9 270 / R7 370	4,264	\$141.38
Quadro M3000M	4,256	NA
FirePro W7000 Adapter	4,248	NA
Radeon R9 M290X	4,234	NA
GeForce GTX 775M	4,203	NA
GeForce GTX 590	4,183	\$184.00*
FirePro S7000	4,166	NA
FirePro W7000	4,154	\$569.99*
GeForce GTX 660	4,121	\$149.00
Radeon R9 M390X	4,118	NA
GeForce GTX 970M	4,052	\$2,545.60
GeForce GTX 780M	4,011	NA
Quadro K5000	4,007	\$595.00
Radeon Pro WX4100	3,949	NA
Radeon HD 8970M	3,889	NA
Radeon Pro WX 4100	3,846	\$279.99
Radeon Pro WX 4130	3,828	NA
Radeon HD 7850	3,818	\$209.99*
Radeon HD 7970M	3,783	NA
GRID K2	3,773	\$1,950.00
Tesla C2050 / C2070	3,756	NA
GeForce GTX 750 Ti	3,703	\$104.99
Radeon RX 550	3,653	\$84.99
Quadro M2200	3,644	NA






GeForce GTX 470	3,606	\$522.01*
GeForce GTX 880M	3,575	NA
Radeon R9 M470X	3,548	NA
GeForce GTX 560 Ti	3,538	\$138.00*
GeForce GTX 650 Ti BOOST	3,531	NA
Quadro K2200	3,525	\$368.99
GRID M60-8Q	3,509	NA
Radeon HD 6970	3,493	\$94.99*
Quadro 6000	3,487	\$420.00
Tesla C2050	3,485	NA
Radeon Pro WX 3100	3,380	NA
GeForce GTX 680M	3,379	\$315.00
GRID M10-1Q	3,351	NA
Tesla C2075	3,324	\$2,269.99*
GeForce GTX 750	3,280	\$139.99
Radeon R7 360	3,260	\$89.99
Radeon HD 6950	3,194	\$89.99*
Radeon HD8970M	3,194	NA
Quadro P600	3,190	\$178.00
FirePro V7000 Adapter	3,162	NA
Radeon R7 260X	3,134	\$149.99
GeForce GTX 560	3,128	\$353.59*
Radeon HD 8950	3,121	NA
MxGPU	3,091	NA
Quadro K1200	3,071	\$314.99
FirePro W5000	3,053	\$434.00*
Radeon R9 M380	3,048	NA
Radeon R9 360	3,046	\$519.00*
Tesla C2070	3,040	NA
Radeon HD 7790	3,040	\$169.99
FirePro W4300	3,031	\$259.99*
Quadro K5100M	3,018	NA
Radeon R9 260	3,018	NA
GeForce GTX 965M	3,011	NA
FirePro W5100	2,991	\$299.99
GeForce GTX 465	2,953	\$263.28*
GRID K260Q	2,941	NA
Radeon R7 260	2,882	\$89.99*
FirePro M6100	2,875	NA
Quadro K4000	2,853	\$306.71
Radeon HD 6990	2,845	\$159.99*
Quadro M620	2,843	NA
FirePro 3D V9800	2,812	\$2,499.00*
Quadro 5000	2,787	\$299.00
FirePro V9800 Adapter	2,716	NA
FirePro V7900	2,702	\$119.99*
Quadro M1200	2,694	NA
Quadro M2000M	2,688	NA
GeForce GTX 650 Ti	2,658	\$149.99
GeForce GTX 460	2,654	\$89.99*

GeForce GTX 770M	2,634	\$185.99
Radeon HD 5870	2,608	\$99.99*
Radeon HD 5970	2,607	\$329.99*
Radeon HD 6870	2,596	\$89.99*
Quadro K5000M	2,581	\$329.99*
GeForce GTX 460 v2	2,530	\$199.99*
Device	2,502	NA
Quadro K4100M	2,414	NA
FirePro 3D V8800	2,407	\$424.99*
GeForce GTX 675MX	2,392	NA
GeForce GTX 485M	2,342	NA
Quadro K2200M	2,327	NA
Quadro K620	2,321	\$159.14
GeForce GTX 960A	2,312	NA
Radeon R9 M375X	2,309	NA
GeForce GT 1030	2,299	\$66.99
GeForce GTX 870M	2,297	NA
GeForce GTX 580M	2,286	NA
Quadro K4000M	2,284	NA
Intel Iris Pro P580	2,273	NA
Radeon HD 6850	2,266	\$99.99*
Radeon HD 5850	2,265	\$79.99*
Radeon R9 350	2,256	\$139.99
GeForce GTX 460 SE	2,246	\$159.99*
GRID K280Q	2,243	NA
GeForce GTX 560 SE	2,218	\$89.99*
GeForce GT 645	2,215	NA
Radeon HD 7770	2,197	\$129.99
GeForce GTX 555	2,171	NA
GeForce GTX 745	2,168	NA
Radeon R7 450	2,156	NA
RadeonT R7 450	2,156	NA
Firepro W5170M	2,151	NA
Radeon TM R9 A360	2,148	NA
GRID K240Q	2,144	NA
GeForce GTX 675M	2,139	NA
Quadro M1000M	2,096	\$200.89*
Radeon Pro WX 2100	2,095	NA
Quadro P400	2,073	\$119.99
GeForce GTX 670MX	2,050	NA
GeForce GTX 960M	2,043	NA
Radeon HD 5830	2,040	\$159.99*
Quadro 5000M	2,039	NA
Radeon HD 6790	2,039	\$64.99*
FirePro M5100	2,035	NA
GeForce GTX 570M	2,026	NA
GeForce GTX 480M	2,022	NA
Quadro 4000	2,000	\$186.99
Radeon R7 + R7 350 Dual	1,982	NA
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
GeForce GTX 550 Ti	1,928	\$287.59*
Radeon HD 6900M	1,926	NA
Quadro K3100M	1,922	\$1,999.00*
Intel Iris Pro 580	1,921	NA
GeForce GTX 645	1,920	NA
Radeon R9 M370X	1,918	NA
GeForce GTX 670M	1,908	NA
GeForce GTX 765M	1,871	NA
Radeon R9 M360	1,863	NA
Intel Iris Plus 650	1,839	NA
Radeon HD 8570D + HD 7700 Dual	1,835	NA
GeForce GTX 650	1,831	\$119.99
GeForce MX150	1,824	NA
Matrox C900 PCIe x16	1,812	NA
GeForce GTX 950M	1,811	NA
FirePro 3D V7800	1,810	\$599.99*
Radeon HD 8870M / R9 M270X / M370X	1,800	NA
FirePro W4100 Adapter	1,799	NA
Quadro 4000M	1,793	\$449.00*
Radeon HD 8670D + 7700 Dual	1,789	NA
FirePro W600	1,766	\$429.99*
Quadro M600M	1,762	NA
Quadro 5010M	1,748	NA
Radeon R9 255	1,746	\$316.00*
Quadro K3000M	1,728	\$155.00*
GeForce GTX 860M	1,727	NA
Radeon E8860	1,716	NA
FirePro M4000 Mobility Pro	1,703	NA
Radeon HD 5770	1,699	\$115.99*
Quadro K2000	1,696	\$167.07
Radeon HD 7750	1,686	\$149.00
Intel Iris 550	1,678	NA
FirePro W5130M	1,675	NA
Radeon HD 6770	1,672	\$76.99*
FirePro M6000 Mobility Pro	1,672	NA
Quadro K2000D	1,656	\$508.99
Radeon R7 FX-9830P RADEON	1,647	NA
Radeon HD 8870M	1,640	NA
FirePro W4100	1,628	\$154.99
GeForce GT 740	1,582	\$89.99
GeForce GT 755M	1,578	NA
GeForce GTS 450	1,558	\$64.99*
GeForce GTX 560M	1,555	NA
FirePro M4000	1,539	NA
Radeon HD 4890	1,535	\$109.99*
FirePro V5900	1,524	\$319.99*
GeForce GTX 850M	1,501	NA

GeForce 945M	1,501	NA
Radeon R9 M275X / M375	1,498	NA
Radeon HD 7660D + HD 6670 Dual	1,485	NA
Intel Iris Pro 6200	1,484	NA
Radeon HD 7870M	1,478	NA
Intel Iris Plus 640	1,460	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	1,440	NA
Quadro 3000M	1,438	\$391.23*
Radeon HD 7560D + 7670 Dual	1,426	NA
Radeon HD 5750	1,425	\$69.41*
Radeon R9 M270X	1,418	NA
FirePro 3D V5800	1,415	\$369.99*
GeForce GTX 660M	1,415	NA
Radeon R7 250	1,411	\$64.95
Quadro M520	1,409	NA
Radeon HD 7730	1,398	\$49.99*
Radeon R7 M370	1,395	NA
GeForce GTX 760M	1,394	NA
GeForce GTX 460M	1,390	NA
Radeon HD 4870	1,381	\$59.99*
Radeon R7 A12-9800 RADEON	1,379	NA
Radeon R7 PRO A12-8870	1,378	NA
FirePro M40003	1,374	NA
Radeon HD 7850M	1,373	NA
Radeon R7 PRO A10-9700	1,371	NA
GeForce GTX 950A	1,367	NA
Radeon HD 8670D + 6670 Dual	1,361	NA
Intel Iris 540	1,358	NA
Radeon R7 PRO A12-9800	1,347	NA
Radeon HD 7560D + HD 7700 Dual	1,347	NA
FireStream 9270	1,341	NA
Radeon R7 430	1,337	NA
Barco MXRT 5400	1,335	NA
Radeon R7 PRO A10-8770	1,320	NA
FirePro M5950	1,314	NA
Quadro 2000	1,311	\$119.00
Radeon R7 M465	1,306	NA
Radeon HD 6750	1,302	\$49.99*
FirePro V4900	1,298	\$144.99*
Radeon R7 + R7 200 Dual	1,290	NA
GeForce GT 545	1,288	\$55.59*
Radeon R9 M265X	1,288	NA
GeForce GT 750M	1,287	NA
Quadro K2100M	1,284	\$174.99*
Quadro 2000D	1,282	\$219.99*
GeForce GT 640	1,282	\$59.99*
Radeon HD 4870 X2	1,281	NA
GeForce GTX 760A	1,281	NA
Radeon R7 A370	1,281	NA

Intel HD P630	1,273	NA
FirePro 3D V8750	1,272	\$1,230.99*
Radeon HD 8790M	1,270	NA
GeForce GTX 285	1,267	\$179.99*
Radeon HD 8570D + HD 6670 Dual	1,261	NA
Radeon R7 PRO A8-8670E	1,248	NA
Radeon R7 A10-9700 RADEON	1,244	NA
Radeon HD 8570D + 6570 Dual	1,239	NA
Radeon HD 7660D + 6670 Dual	1,238	NA
Radeon HD 8790M / R9 M290X	1,237	NA
GeForce GTX 275	1,236	\$119.99*
Mobility Radeon HD 5870	1,228	NA
GeForce 940MX	1,228	NA
Firepro W4190M	1,222	NA
Radeon HD 8670D + HD 6670 Dual	1,222	NA
FirePro W4170M	1,219	NA
FirePro 3D V8700	1,218	\$199.99*
Radeon R7 PRO A10-9700E	1,218	NA
Intel HD 630	1,215	NA
GeForce GT 650M	1,212	NA
Radeon R7 A10-7890K	1,208	NA
FirePro V4800	1,205	NA
Radeon R9 M375	1,199	NA
GeForce GTX 280	1,199	\$608.71*
Radeon 540	1,195	NA
Radeon HD 7750M	1,191	NA
Radeon R7 PRO A10-8770E	1,185	NA
Quadro 2000 D	1,182	NA
Intel Iris Pro 5200	1,177	NA
GeForce 930A	1,174	NA
FireStream 9250	1,165	NA
Radeon R7 PRO A12-8870E	1,160	NA
Radeon R7 A10-7870K	1,155	NA
NVS 810	1,153	\$623.20
GeForce GPU	1,148	NA
GeForce GT 745A	1,147	NA
Radeon HD 8850M / R9 M265X	1,140	NA
Radeon R7 A8-9600 RADEON	1,131	NA
GeForce 930MX	1,131	NA
Radeon HD 7560D + 6670 Dual	1,131	NA
Radeon HD 4850 X2	1,130	NA
GeForce GTX 260	1,129	\$95.38*
FirePro M4170	1,114	NA
Radeon R9 M275	1,112	\$799.99
Radeon R7 M260X	1,105	NA
Radeon HD 7670	1,101	NA
Radeon HD 7660D + 6570 Dual	1,100	NA
FirePro M4150	1,093	NA
Radeon HD 7640G + HD 8750M Dual	1,091	NA
Quadro FX 5800	1,085	\$259.99*

FirePro 3D V4800	 1,084	\$159.99*
Quadro K2000M	 1,083	\$265.27*
Radeon R7 PRO A8-9600	 1,083	NA
Intel HD P530	 1,080	NA
Radeon R7 PRO A12-9800E	 1,077	NA
Radeon HD 5670	 1,071	\$47.84*
Radeon HD 7660D + 7670 Dual	 1,062	NA
Radeon HD 7520G + 7700M Dual	 1,061	NA
Firepro M4100	 1,059	NA
GeForce GT 445M	 1,058	NA
Radeon R7 PRO A12-9800B	 1,055	NA
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* - Last price seen from our affiliates.

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