

Search

- [Home](#)
- [Software](#)
- [Hardware](#)
- [Benchmarks](#)
- [Services](#)
- [Store](#)
- [Support](#)
- [Forums](#)
- [About Us](#)

[BurnInTest](#) [PerformanceTest](#) [OSForensics](#) [MemTest86](#) [WirelessMon](#) [All Software](#)

[USB3.0 Loopback Plugs](#) [USB2.0 Loopback Plugs](#) [PCIe Test Cards](#) [Serial and Parallel Loopback Plugs](#) [PC Test Kit](#) [All Hardware](#)

[CPU Benchmarks](#) [Video Card Benchmarks](#) [Hard Drive Benchmarks](#) [RAM Benchmarks](#) [PC Systems Benchmarks](#) [Android Benchmarks](#) [iOS / iPhone Benchmarks](#)

[Company Contact Us](#) [The Press Room](#)

[Home](#) » [Video Card Benchmarks](#) » High End Video Cards

- [CPU Benchmarks](#)
- [Video Card Benchmarks](#)
- [Hard Drive Benchmarks](#)
 - [RAM](#)
 - [PC Systems](#)
 - [Android](#)
 - [iOS / iPhone](#)

Videocard Benchmarks

Over 600,000 Video Cards Benchmarked

New Videocard benchmarks updated daily

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.

Tooltip Description Place Holder
G3D Mark | Price Performance
(Click to select desired chart)

- ----Select A Page ----
 - [Home](#)
 - [--- Video Card Charts ---](#)
 - [High End Videocards](#)
 - [High Mid Range Videocards](#)
 - [Low Mid Range Videocards](#)
 - [Low End Videocards](#)
 - [Best Value Videocards](#)
 - [Common Videocards](#)
 - [GPU Compute Videocards](#)
 - [Other Information](#)
 - [Searchable Videocard List](#)
 - [Graph Notes](#)
 - [30-Day Marketshare](#)

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PassMark - G3D Mark
High End Videocards - Updated 1st of February 2017

Videocard	G3D Mark	Price (USD)
NVIDIA TITAN X	13,091	\$1,200.00*
GeForce GTX 1080	11,981	\$559.99
Quadro P5000	11,825	\$2,499.00
GeForce GTX 980 Ti	11,411	\$394.71
GeForce GTX 1070	10,962	\$369.99
GeForce GTX TITAN X	10,704	\$1,999.99
Quadro M6000 24GB	10,354	NA
GeForce GTX 980	9,636	\$389.99
Quadro M6000	9,249	\$4,199.99
Radeon Pro Duo	9,102	\$819.99
GeForce GTX 780 Ti	8,924	\$1,327.59
GeForce GTX 1060	8,771	\$239.99
GeForce GTX TITAN Black	8,679	\$2,179.58*
GeForce GTX 970	8,595	\$329.99
Quadro M5000	8,517	\$1,759.99
GeForce GTX 1060 3GB	8,428	\$184.99
Radeon R9 Fury + Fury X	8,307	\$259.99
Radeon R9 390X	8,300	NA
FirePro W8100 Graphic Adapter	8,219	NA
GeForce GTX 780	7,995	\$353.33
GeForce GTX TITAN Z	7,936	\$3,799.99
GeForce GTX Titan	7,896	\$2,054.59
Radeon RX 480	7,875	\$174.99
Quadro K6000	7,731	\$3,000.00*
Radeon R9 390	7,667	NA
Radeon Pro WX 7100	7,362	\$628.99
Radeon R9 295X2	7,335	\$1,199.99
Radeon RX 470	7,251	\$154.99
Radeon R9 290X / 390X	7,246	\$325.96
Radeon R9 290 / 390	6,983	\$229.99
FirePro W9100	6,834	\$2,569.99
Quadro M4000	6,639	\$783.99
GeForce GTX 770	6,118	\$276.98
Quadro K5200	6,103	\$1,395.00
Radeon R9 380X	5,975	\$292.56
Radeon Pro WX 5100	5,959	\$399.00
GeForce GTX 1050 Ti	5,892	\$139.99
Radeon R9 380	5,864	\$264.99*
GeForce GTX 960	5,851	\$159.99
Radeon R9 280X	5,724	NA
FirePro W8100	5,714	\$919.99
Radeon R9 M395X	5,714	NA
GeForce GTX 680	5,704	\$869.99
GeForce GTX 980M	5,644	NA
Radeon R9 285 / 380	5,544	\$139.99
Radeon HD 7990	5,433	\$549.99*
GeForce GTX 670	5,378	\$199.00
GeForce GTX 690	5,306	\$999.00*
FirePro W7100	5,270	\$567.99
Radeon HD 7970 / R9 280X	5,247	\$249.99
Radeon R9 280	5,218	NA
GeForce GTX 950	5,208	\$124.99
FirePro W9000	5,178	\$3,443.99*

GeForce GTX 1050	5,171	\$109.99
Radeon R9 M395	5,155	NA
GTX 965M	5,139	NA
GeForce GTX 760 Ti	5,104	\$297.50*
Radeon R9 M295X	5,101	NA
Quadro M5000M	5,055	NA
Radeon HD 8990	5,041	NA
GeForce GTX 580	5,004	\$289.88*
GeForce GTX 760	4,953	\$258.61
Radeon HD 7950 / R9 280	4,763	\$199.99
Radeon R9 370	4,722	NA
GeForce GTX 660 Ti	4,696	\$421.38
FirePro W8000 Adapter	4,646	NA
Radeon R9 270X	4,626	\$550.45
Radeon R7 370	4,569	NA
FirePro W7170M	4,519	NA
Quadro K4200	4,444	\$1,045.75
GeForce GTX 570	4,407	\$99.99*
Radeon HD 7870 XT	4,404	NA
GeForce GTX 680MX	4,394	NA
GeForce GTX 480	4,346	\$71.99*
Quadro M2000	4,344	\$426.99
Radeon Pro WX4100	4,338	NA
GRID K520	4,332	NA
Radeon HD 7870	4,317	\$319.99
Radeon R9 270 / R7 370	4,258	\$89.99
FirePro W7000 Adapter	4,242	NA
Radeon RX 460	4,218	\$97.99
GeForce GTX 775M	4,212	NA
FirePro W8000	4,206	\$1,048.99*
FirePro S7000	4,166	NA
GeForce GTX 590	4,157	\$184.00*
FirePro W7000	4,136	\$569.99*
GeForce GTX 660	4,117	\$213.71
GeForce GTX 780M	4,057	NA
Quadro M3000M	4,052	NA
GeForce GTX 970M	4,005	\$1,699.97
Quadro K5000	3,994	\$1,485.00
Radeon R9 M290X	3,898	NA
Radeon HD 8970M	3,889	NA
Radeon R9 M390X	3,813	NA
Radeon HD 7850	3,794	\$449.59
GRID K2	3,772	\$2,475.00
Radeon HD 7970M	3,766	NA
GeForce GTX 750 Ti	3,693	\$79.99
Quadro M4000M	3,683	NA
Tesla C2050 / C2070	3,682	NA
GeForce GTX 470	3,598	\$522.01*
GeForce GTX 880M	3,589	NA
GeForce GTX 650 Ti BOOST	3,534	NA
GeForce GTX 560 Ti	3,533	\$138.00*
Quadro K2200	3,488	\$386.20
Radeon HD 6970	3,481	\$94.99*
Tesla C2050	3,472	NA
Quadro 6000	3,470	\$819.75
GeForce GTX 680M	3,374	\$315.00

Quadro M620	3,369	NA
GeForce GTX 750	3,256	\$129.98
Radeon R7 360	3,202	\$89.99
Radeon HD8970M	3,193	NA
Tesla C2075	3,191	\$2,269.99*
Radeon HD 6950	3,182	\$89.99*
GeForce GTX 560	3,122	\$353.59
Radeon R7 260X	3,101	\$134.99
Radeon R9 M380	3,047	NA
FirePro W5000	3,035	\$434.00*
Quadro K5100M	3,034	NA
Radeon R9 360	3,022	\$519.00*
Radeon HD 7790	3,019	\$962.17*
Radeon HD 8950	3,018	NA
Radeon R9 260	3,018	NA
Tesla C2070	3,016	NA
Quadro K1200	3,003	\$294.99
GeForce GTX 965M	2,966	NA
FirePro W4300	2,965	\$239.99
GeForce GTX 465	2,942	\$263.28*
FirePro W5100	2,903	\$307.99
Radeon R7 260	2,883	\$89.99*
FirePro M6100	2,882	NA
Quadro K4000	2,838	\$525.00
FirePro 3D V9800	2,811	\$2,499.00*
GRID K260Q	2,766	NA
Quadro 5000	2,753	\$268.95
FirePro V7900	2,701	\$129.99*
GeForce GTX 650 Ti	2,661	\$162.06
GeForce GTX 770M	2,647	NA
GeForce GTX 460	2,642	\$89.99*
Radeon HD 6990	2,624	\$159.99*
Quadro K5000M	2,606	\$329.99*
Radeon HD 5870	2,601	\$99.99*
FirePro V9800 Adapter	2,598	NA
Radeon HD 6870	2,583	\$89.99*
Radeon HD 5970	2,581	\$329.99*
GeForce GTX 460 v2	2,551	\$199.99*
Quadro M2000M	2,527	NA
Device	2,502	NA
Quadro K4100M	2,489	NA
FirePro 3D V8800	2,407	\$424.99*
GeForce GTX 675MX	2,353	NA
GeForce GTX 485M	2,331	NA
Quadro K620	2,290	\$159.99
GeForce GTX 960A	2,289	NA
GeForce GTX 580M	2,287	NA
Quadro K4000M	2,267	NA
Radeon HD 5850	2,255	\$79.99*
Radeon HD 6850	2,250	\$99.99*
GeForce GTX 460 SE	2,245	\$159.99*
GeForce GTX 560 SE	2,238	\$89.99*
Radeon R9 350	2,224	\$135.76
GeForce GTX 870M	2,221	NA
GRID K280Q	2,194	NA
Radeon R9 M375X	2,188	NA

Radeon HD 7770	2,184	\$315.59
Radeon R7 450	2,167	NA
GeForce GTX 745	2,166	NA
GeForce GTX 555	2,164	NA
Intel Iris Pro P580	2,154	NA
Radeon TM R9 A360	2,148	NA
GeForce GT 645	2,131	NA
GeForce GTX 675M	2,112	NA
Quadro K2200M	2,067	NA
Firepro W5170M	2,060	NA
GeForce GTX 670MX	2,052	NA
Quadro 5000M	2,039	NA
Radeon HD 5830	2,037	\$159.99*
FirePro M5100	2,035	NA
Radeon HD 6790	2,030	\$64.99*
GeForce GTX 570M	2,025	NA
GeForce GTX 480M	2,021	NA
GeForce GTX 960M	2,002	NA
Quadro 4000	1,963	\$160.00
Radeon R7 + HD 7700 Dual	1,962	NA
Radeon HD 7660D + HD 7700 Dual	1,958	NA
Quadro M1000M	1,957	\$200.89*
GeForce GTX 470M	1,949	NA
Intel Iris Pro 580	1,946	NA
GeForce GTX 550 Ti	1,925	\$287.59*
Radeon R9 M370X	1,924	NA
GeForce GTX 645	1,915	NA
Radeon HD 6900M	1,915	NA
Matrox C680 PCIe x16	1,907	NA
GeForce GTX 670M	1,885	NA
GeForce GTX 765M	1,878	NA
Quadro K3100M	1,876	\$1,999.00*
FirePro 3D V7800	1,860	\$599.99*
Radeon HD 8570D + HD 7700 Dual	1,834	NA
GeForce GTX 650	1,832	\$139.99
Radeon HD 8870M / R9 M270X / M370X	1,809	NA
FirePro W5130M	1,807	NA
Radeon HD 8670D + 7700 Dual	1,788	NA
GeForce GTX 950M	1,787	NA
GRID K240Q	1,774	NA
Quadro 4000M	1,769	\$149.99*
Quadro 5010M	1,748	NA
Radeon R9 255	1,745	NA
FirePro W600	1,742	\$464.99
Quadro M600M	1,704	NA
Radeon HD 5770	1,690	\$115.99*
GeForce GTX 860M	1,680	NA
Intel Iris 550	1,679	NA
Quadro K2000	1,676	\$209.00
FirePro M6000 Mobility Pro	1,672	NA
Radeon HD 8870M	1,672	NA
Radeon HD 7750	1,670	\$117.67
Radeon R9 M360	1,667	NA
Radeon HD 6770	1,664	\$76.99*
Radeon E8860	1,657	NA
FirePro M4000 Mobility Pro	1,654	NA

Quadro K2000D	1,636	\$399.99
Quadro K3000M	1,634	\$289.00
FirePro W4100	1,603	\$159.99
GeForce GT 740	1,576	\$91.99
GeForce GT 755M	1,571	NA
GeForce GTX 560M	1,555	NA
GeForce GTS 450	1,554	\$64.99*
Radeon R7 FX-9830P RADEON	1,551	NA
Radeon HD 4890	1,534	\$109.99*
FirePro V5900	1,516	\$319.99*
GeForce 945M	1,492	NA
Radeon R9 M270X	1,486	NA
Intel Iris Pro 6200	1,486	NA
FirePro M4000	1,485	NA
Radeon R9 M275X / M375	1,485	NA
Radeon HD 7660D + HD 6670 Dual	1,484	NA
Radeon HD 7870M	1,477	NA
Radeon R7 PRO A12-8870	1,471	NA
GeForce GTX 850M	1,463	NA
Radeon HD 7560D + 7670 Dual	1,426	NA
Radeon HD 5750	1,411	\$69.41*
FirePro M40003	1,411	NA
GeForce GTX 660M	1,404	NA
Radeon R7 250	1,402	\$54.99
Quadro 3000M	1,398	\$398.96
Radeon R7 M370	1,398	NA
GeForce GTX 950A	1,393	NA
Radeon HD 7730	1,392	\$49.99*
FirePro 3D V5800	1,390	\$369.99*
GeForce GTX 760M	1,388	NA
GeForce GTX 460M	1,383	NA
Radeon HD 4870	1,377	\$59.99*
Radeon HD 7850M	1,372	NA
Radeon HD 8670D + 6670 Dual	1,361	NA
Intel Iris 540	1,353	NA
Radeon HD 7560D + HD 7700 Dual	1,346	NA
FireStream 9270	1,341	NA
Barco MXRT 5400	1,334	NA
FirePro M5950	1,314	NA
Quadro 2000	1,306	\$82.96
Quadro 2000D	1,294	\$289.75
Radeon HD 6750	1,293	\$49.99*
FirePro V4900	1,289	\$144.99*
GeForce GT 750M	1,287	NA
GeForce GT 640	1,286	\$59.99*
GeForce GT 545	1,282	\$55.59*
GeForce GTX 760A	1,281	NA
Radeon R7 A370	1,281	NA
Radeon R7 + R7 200 Dual	1,279	NA
FirePro W4170M	1,274	NA
Radeon R7 PRO A12-9800	1,270	NA
FirePro 3D V8750	1,267	\$1,230.99*
Radeon HD 8790M	1,265	NA
GeForce GTX 285	1,265	\$179.99*
Radeon HD 8570D + HD 6670 Dual	1,260	NA
Radeon HD 4870 X2	1,253	NA

Quadro K2100M	1,242	\$165.95*
Radeon R9 M265X	1,241	NA
GeForce 930A	1,239	NA
Radeon HD 8570D + 6570 Dual	1,239	NA
Radeon HD 7660D + 6670 Dual	1,238	NA
Radeon HD 8790M / R9 M290X	1,236	NA
GeForce 940MX	1,233	NA
GeForce GTX 275	1,231	\$119.99*
Radeon R7 A10-7890K	1,228	NA
Radeon HD 8670D + HD 6670 Dual	1,221	NA
Mobility Radeon HD 5870	1,209	NA
GeForce GT 650M	1,199	NA
Radeon R7 PRO A10-8770	1,195	NA
GeForce GTX 280	1,195	\$119.99*
Radeon HD 7750M	1,191	NA
Intel Iris Pro 5200	1,175	NA
FirePro 3D V8700	1,169	\$199.99*
Quadro 2000 D	1,167	NA
FireStream 9250	1,164	NA
Radeon R9 M375	1,164	NA
Radeon R7 A10-7870K	1,154	NA
GeForce GT 745A	1,146	NA
Intel HD 630	1,144	NA
GeForce 930MX	1,142	NA
Radeon HD 8850M / R9 M265X	1,139	NA
Radeon HD 7560D + 6670 Dual	1,130	NA
GeForce GTX 260	1,125	\$95.38*
Radeon HD 4850 X2	1,124	NA
FirePro M4170	1,113	NA
Radeon R9 M275	1,111	\$799.99
GeForce GPU	1,109	NA
Firepro W4190M	1,109	NA
Radeon HD 7660D + 6570 Dual	1,100	NA
Radeon R7 M260X	1,099	NA
FirePro M4150	1,094	NA
Radeon HD 7640G + HD 8750M Dual	1,091	NA
Radeon HD 7670	1,089	NA
FirePro 3D V4800	1,086	\$159.99*
Quadro FX 5800	1,082	\$499.99*
Quadro K2000M	1,079	\$265.27*
Radeon HD 5670	1,066	\$47.84*
Radeon HD 8850M	1,062	NA
Radeon HD 7660D + 7670 Dual	1,061	NA
Radeon HD 7520G + 7700M Dual	1,060	NA
Quadro 2000M	1,058	\$46.56
Firepro M4100	1,058	NA
Radeon R7 PRO A12-9800E	1,053	NA
GeForce GT 445M	1,053	NA
Radeon R7 PRO A12-9800B	1,053	NA
Radeon HD 7670A	1,051	NA
Radeon HD 6670	1,050	\$102.99*
Radeon HD 4770	1,049	NA
GeForce GTX 295	1,048	\$159.99*
Radeon R7 + R7 240 Dual	1,045	NA
Radeon R7 340	1,038	NA
Radeon R7 PRO A8-9600	1,038	NA

Radeon HD 8600/8700M	1,037	NA
Quadro M500M	1,033	NA
GeForce 845M	1,032	NA
Radeon HD 8570D + HD 8570 Dual	1,032	NA
Radeon HD 4850	1,031	\$89.99*
Radeon HD7570	1,028	NA
Radeon HD 8750M	1,028	NA
Intel HD P530	1,023	NA
Radeon HD 8670D + R7 240 Dual	1,020	NA
Radeon R7 A10-7850K	1,020	NA
Radeon R7 + R5 330 Dual	1,014	NA
Quadro CX	1,013	\$149.95*
Radeon HD 7690M XT	1,009	NA
Radeon R7 A10-8750	1,004	NA
Radeon HD 7730M	1,002	NA
Radeon HD 8570D + R7 200 Dual	1,000	NA
Radeon R7 A10-7860K	999	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	NA
Radeon HD 6800M	993	NA
Radeon HD 7690M	992	NA
Radeon HD 6770M	992	NA
Quadro FX 4800	991	\$217.95*
Radeon HD 6700M	990	NA
Quadro K1100M	989	\$59.95*
Intel HD 530	987	NA
Radeon R7 A265	987	NA
GeForce 920MX	984	NA

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* - Last price seen from our affiliates.

[\[Home\]](#) - [\[Searchable Video Card List\]](#) - [\[Graph Notes\]](#) - [\[30 Day Market Share\]](#)
[\[High-End\]](#) - [\[Mid to High-End\]](#) - [\[Low to Mid-End\]](#) - [\[Low-End\]](#)
[\[Common\]](#) - [\[Best Value\]](#) - [\[Direct Compute\]](#)

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