



Videocard Benchmarks

Over 600,000 Video Cards Benchmarked



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.

How does your Video Card compare?

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G3D Mark | Price Performance

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PassMark - G3D Mark

High End Videocards - Updated 19th of March 2014

		Price (USD)
GeForce GTX 780 TI	8,654	\$699.00
Quadro K6000	8,138	\$4,719.95
GeForce GTX 780	8,028	\$474.54
GeForce GTX Titan	7,982	\$999.99*
Radeon R9 290X	6,631	\$599.99
Radeon R9 290	6,408	\$469.99
GeForce GTX 770	6,201	\$309.99
Radeon HD 8990	5,940	NA
GeForce GTX 680	5,711	\$490.00
Radeon HD 7990	5,541	\$1,000.99
FirePro W9000	5,415	\$3,590.33*
GeForce GTX 670	5,379	\$404.69
GeForce GTX 690	5,168	\$1,201.47
Radeon HD 7970 / R9 280X	5,120	\$299.99*
GeForce GTX 760	4,998	\$236.99
GeForce GTX 580	4,968	\$289.88*
GeForce GTX 660 TI	4,686	\$259.00
Radeon HD 7950	4,643	\$394.23
Radeon R9 270X	4,504	\$199.99
GeForce GTX880M	4,448	NA
GeForce GTX 570	4,377	\$676.59*
GeForce GTX 480	4,354	\$199.99*
GeForce GTX 680MX	4,341	NA
FirePro W8000	4,310	\$1,299.99
GeForce GTX 760 TI OEM	4,306	NA
GeForce GTX 780M	4,284	NA
Radeon HD 7870	4,258	\$189.99
GeForce GTX 775M	4,225	NA
Radeon R9 270	4,219	\$189.99

FirePro W7000 Adapter	4,128	NA
GeForce GTX 660	4,114	\$187.49
GeForce GTX 590	4,037	\$749.99*
Quadro K5000	4,004	\$1,778.25
FirePro W7000	3,973	\$799.99
GeForce GTX 870M	3,909	NA
Radeon HD 7970M	3,791	NA
GRID K2	3,761	\$3,799.75
Radeon HD 7850	3,711	\$169.99
GeForce GTX 750 Ti	3,608	\$149.99
GeForce GTX 470	3,570	\$189.99*
GeForce GTX 650 Ti BOOST	3,557	NA
GeForce GTX 560 Ti	3,540	\$182.54
Quadro 6000	3,528	\$1,850.00
GeForce GTX 680M	3,504	NA
Radeon HD 6970	3,487	\$159.99*
Tesla C2050	3,478	NA
Tesla C2050 / C2070	3,423	NA
Radeon HD 6990	3,371	\$729.99*
GeForce GTX 750	3,272	\$119.99
Tesla C2075	3,227	\$2,269.99*
Radeon HD 6950	3,182	\$469.99*
GeForce GTX 560	3,092	\$152.16
Radeon HD 7790	3,017	\$166.00
FirePro W5000	2,962	\$429.99
Radeon R7 260X	2,940	\$119.99
GeForce GTX 465	2,928	\$263.28*
GeForce GTX 770M	2,880	NA
Quadro K5000M	2,832	NA
Quadro K4000	2,797	\$759.99
GeForce GTX 650 Ti	2,706	\$125.99
FirePro V7900	2,701	\$606.00*
GeForce GTX 460	2,664	\$143.03*
FirePro M6100 FireGL V	2,662	NA
Radeon HD 5970	2,656	\$329.99*
Quadro 5000	2,626	\$720.55
Radeon HD 5870	2,610	\$199.99*
GeForce GTX 460 v2	2,605	\$199.99*
FirePro V9800	2,595	\$2,499.00*
Radeon HD 6870	2,578	\$297.59*
GeForce GT 645	2,555	NA
GeForce GTX 675MX	2,512	NA
Quadro K5100M	2,509	NA
GeForce GTX 580M	2,450	NA
FirePro V8800	2,385	\$424.99
Radeon HD 5850	2,287	\$123.53*
GeForce GTX 560 SE	2,286	\$89.99*
Quadro K4100M	2,280	NA
GeForce GTX 675M	2,279	NA
GeForce GTX 460 SE	2,262	\$159.99*
Radeon HD 6850	2,237	\$129.99*
GeForce GTX 485M	2,235	NA
GeForce GTX 555	2,165	NA
Radeon HD 7770	2,156	\$99.99

Quadro K4000M	2,141	NA
Quadro K3100M	2,131	NA
GeForce GTX 670MX	2,119	NA
GeForce GTX 765M	2,070	NA
GeForce GTX 480M	2,060	NA
Radeon HD 5830	2,042	\$159.99*
Radeon HD 6790	2,031	\$124.99*
GeForce GTX 470M	2,008	NA
GeForce GTX 570M	1,990	NA
GeForce GTX 670M	1,937	NA
GeForce GTX 550 Ti	1,931	\$287.59*
Quadro 4000	1,924	\$609.99
FirePro V7800	1,892	\$599.99*
GeForce GTX 645	1,885	NA
Radeon HD 6900M	1,860	NA
GeForce GTX 650	1,837	\$99.99
Radeon HD 8670D + 7700 Dual	1,788	NA
FirePro W600	1,715	\$489.99
Quadro 4000M	1,696	NA
Radeon HD 6770	1,680	\$221.59*
Radeon HD 5770	1,680	\$99.99*
GeForce GTX 760M	1,675	NA
Quadro K2000	1,674	\$423.31
GeForce GT 755M	1,646	NA
Radeon HD 7750	1,632	\$98.39
FirePro M6000 Mobility Pro	1,618	NA
Quadro K2000D	1,614	\$413.25
Quadro K3000M	1,585	NA
GeForce GTX 560M	1,548	NA
GeForce GTS 450	1,537	\$84.99
GeForce GTX 660M	1,522	NA
GeForce GT 750M	1,519	NA
Radeon HD 4890	1,512	\$109.99*
FirePro V5900	1,503	\$409.99
Radeon HD 7870M	1,492	NA
Radeon HD 7850M	1,483	NA
Radeon HD 7560D + 7670 Dual	1,434	NA
FirePro M40003	1,406	NA
FirePro M4000	1,395	NA
Radeon HD 5750	1,390	\$69.41*
Radeon R7 250	1,381	\$79.99
GeForce GTX 460M	1,365	NA
Radeon HD 4870	1,365	\$59.99*
Radeon HD 8670D + 6670 Dual	1,344	NA
Quadro K2100M	1,334	NA
Radeon HD 6750	1,320	\$59.99*
Quadro 5010M	1,306	NA
Quadro 2000	1,299	\$292.00
GeForce GT 650M	1,298	NA
FirePro V5800	1,297	\$389.99
FirePro V4900	1,296	\$149.99
Quadro 3000M	1,294	NA
GeForce GT 640	1,288	\$79.99
FirePro V8750	1,277	\$1,230.99

Quadro 2000D	1,271	\$424.00*
GeForce GT 545	1,270	\$55.59*
GeForce GTX 285	1,261	\$179.99*
Radeon HD 7660D + 6670 Dual	1,239	NA
Radeon HD 4870 X2	1,236	NA
GeForce GT 745M	1,212	NA
Radeon HD 4800 Serisi	1,211	NA
GeForce GTX 275	1,209	\$119.99
Radeon HD 7670	1,202	NA
GeForce GTX 280	1,193	\$119.99*
Mobility Radeon HD 5870	1,184	NA
Radeon HD 4850 X2	1,165	NA
GeForce GTX 260	1,120	\$95.38*
Radeon HD 7660G + 7700M Dual	1,107	NA
Quadro 2000 D	1,105	NA
Quadro K1100M	1,103	NA
Quadro FX 5800	1,100	\$3,099.99*
Radeon HD 7660D + 6570 Dual	1,100	NA
FirePro V4800	1,090	\$159.99*
Radeon HD 7560D + 6670 Dual	1,080	NA
Quadro K2000M	1,078	NA
Intel Iris Pro 5200	1,069	NA
Radeon HD 5670	1,069	\$69.99*
Radeon HD 4770	1,065	NA
Radeon HD 7520G + 7700M Dual	1,060	NA
Quadro 2000M	1,059	NA
GeForce GT 445M	1,051	NA
Radeon HD 7670A	1,049	NA
Radeon HD 6670	1,045	\$79.99
GeForce GT 745A	1,040	NA
Radeon HD 4850	1,035	\$89.99*
GeForce GTX 295	1,035	\$289.99*
Radeon HD 7660D + 7670 Dual	1,024	NA
FirePro V8700	1,023	\$199.99*
GeForce GT 645M	1,022	NA
GeForce GT 640M	1,018	NA
Quadro FX 4800	994	\$299.99*
Radeon HD 7690M	994	NA
Radeon HD 7570	988	NA
GeForce GT 730M	981	NA
Radeon HD 5600/5700	980	NA
Radeon HD 8650G + 8600/8700M Dual	967	NA
Radeon HD 6800M	966	NA
Radeon R7 240	963	\$53.80
Radeon HD 4830	948	\$59.99*
GeForce GT 635	946	NA
Radeon HD8570	945	NA
GeForce GT 555M	930	NA
GeForce 9800 GTX+	927	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	918	NA
Radeon HD 6700M	917	NA
Radeon HD 8570	912	NA
GeForce 9800 GTX/9800 GTX+	907	\$89.99*

GeForce GTS 250	903	\$114.99*
GeForce GT 740M	901	NA
Radeon HD 8650G + 7670M Dual	879	NA
GeForce GT 640M LE	873	\$849.99*
Radeon HD 7660G + 7600M Dual	863	NA
FirePro V3900	856	\$104.99
GeForce GTS 240	852	\$64.99*
Radeon HD 8550G + 8600/8700M Dual	848	NA
Quadro K600	839	\$161.00
GeForce GT 340	838	\$52.99*
GeForce 8800 GTS 512	836	NA
Radeon HD 7670M	835	\$629.99*
Quadro FX 3800	833	\$250.00
Radeon HD 3870 X2	831	NA
Radeon HD 7660G	830	NA
Radeon HD 8650G + 8750M Dual	830	NA
GeForce 8800 Ultra	828	NA
GeForce 9800 GX2	824	NA
Radeon HD 7600M + 7600M Dual	823	NA
GeForce 9800 GTX	821	NA
GeForce GT 440	819	\$69.99*
GRID K1	810	\$2,620.00
Radeon HD 7660D	802	NA
Quadro FX 3800M	801	NA
GeForce GT 140	800	NA
GeForce GT 550M	798	NA
Mobility Radeon HD 5000	795	NA
Radeon HD 8670D	795	NA
Radeon HD 8550G + 8750M Dual	790	NA
Radeon HD 3850 X2	790	NA
NVS 5400M	787	NA
GeForce 8800 GTX	784	NA
Radeon HD 7650A	782	\$262.00*
Quadro K1000M	781	NA
Radeon HD 8570 + 8670D Dual	779	NA
Intel HD 5200	777	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	769	NA
NVS 510	766	\$364.99
Radeon HD 7560D + 6570 Dual	764	NA
GeForce GTS 360M	763	NA
GeForce GT 735M	762	NA
GeForce 8800 GT	758	NA
Quadro 1100M	755	NA
Radeon HD 6570	753	\$69.99
GeForce GT 635M	753	NA
GeForce GTX 285M	751	NA
GeForce 9600 GT	751	\$39.99*
FireGL V7700	748	\$174.99*
Radeon HD 7640G N HD 7640G + HD 7670M Dual	747	NA
GeForce GT 630M	744	NA
Radeon HD 3870	743	\$58.00*
Mobility Radeon HD 5850	743	NA
Radeon HD 7660G + 7670M Dual	741	NA

Mobility Radeon HD 4870	741	NA
Radeon HD 7640G + 7600M Dual	739	NA
Radeon HD 7670M + 7670M Dual	738	NA
Radeon HD 7660G + 7610M Dual	735	NA
GeForce GT 630	733	\$58.99
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* - Last price seen from our affiliates.

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