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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?

Add your card to our benchmark charts with **PerformanceTest V8!**

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G3D Mark | Price Performance

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High End Videocards - Updated 17th of January 2013

		Price (USD)
GeForce GTX 680	5,566	\$464.99
GeForce GTX 670	5,271	\$359.98
GeForce GTX 580	4,935	\$309.99*
Radeon HD 7970	4,931	\$389.99
GeForce GTX 690	4,810	\$1.00*
GeForce GTX 660 Ti	4,624	\$289.99
Radeon HD 7950	4,405	\$299.99
GeForce GTX 570	4,327	\$263.15
GeForce GTX 680MX	4,255	NA
GeForce GTX 480	4,250	\$199.99*
GeForce GTX 590	4,108	\$749.99*
GeForce GTX 660	4,041	\$214.99
FirePro W7000	4,038	\$769.99*
Radeon HD 7870	4,017	\$249.99
Radeon HD 7970M	3,883	NA
GeForce GTX 680M	3,653	NA
Radeon HD 7850	3,646	\$179.99
Quadro K5000	3,569	\$1,750.00
GeForce GTX 470	3,495	\$239.99*
GeForce GTX 560 Ti	3,468	\$189.99
Radeon HD 6970	3,456	\$359.99*
Quadro 6000	3,349	\$3.00*
Radeon HD 6990	3,213	\$729.99*
Tesla C2075	3,152	\$2.00*
Radeon HD 6950	3,140	\$239.99*

Quadro K5000M	3,061	NA
GeForce GTX 560	3,034	\$164.99*
FirePro W5000	3,014	\$449.99*
GeForce GTX 465	2,892	\$263.28*
FirePro V7900	2,881	\$679.99*
Quadro K4000	2,867	NA
Tesla C2070	2,768	NA
GeForce GTX 650 Ti	2,716	\$155.79
GeForce GTX 460	2,659	\$139.99*
FireStream 9370	2,619	NA
Radeon HD 6970M	2,610	NA
Radeon HD 6990M	2,583	NA
GeForce GTX 460 v2	2,574	\$199.99*
Quadro 5000	2,554	\$1,475.00
Tesla C2050	2,550	NA
GeForce GTX 580M	2,544	NA
Radeon HD 6870	2,543	\$174.99
Radeon HD 5870	2,536	\$199.99*
FirePro V8800	2,515	\$1,149.99*
Quadro K4000M	2,451	NA
FirePro V7800	2,449	\$619.99*
Radeon HD 5970	2,399	\$329.99*
GeForce GTX 675M	2,363	NA
FirePro M8900	2,325	NA
FirePro V9800	2,297	\$2.00*
GeForce GTX 560 SE	2,280	\$119.99*
Radeon HD 5850	2,248	\$234.99*
GeForce GT 645	2,245	NA
Radeon HD 6790	2,228	\$124.99*
GeForce GTX 460 SE	2,200	\$159.99*
Radeon HD 6850	2,188	\$179.99
N14E-Q3	2,141	NA
Radeon HD 7770	2,137	\$119.99
SKD Radeon 4870 X2	2,125	NA
GeForce GTX 555	2,092	NA
GeForce GTX 480M	2,038	NA
Radeon HD 5830	2,032	\$159.99*
GeForce GTX 485M	2,030	NA
GeForce GTX 670M	2,027	NA
Radeon HD 6700	2,022	NA
GeForce GTX 570M	1,989	NA
GeForce GTX 550 Ti	1,927	\$128.98
Quadro 7000	1,926	NA
ASUS EAH4890	1,917	NA
Quadro 4000	1,902	\$699.99*
Radeon HD 7700-serie	1,899	NA
Radeon HD 6900M	1,890	NA
GeForce GTX 670MX	1,830	NA
FirePro M6000	1,820	NA
GeForce GTX 650	1,809	\$99.99
FirePro V8750	1,800	NA
Radeon HD 4650 X2	1,770	NA
RV790	1,728	NA
Quadro K3000M	1,719	NA

GeForce GTX 470M	1,674	NA
Quadro 5000M	1,672	NA
Radeon HD 5770	1,659	\$99.99*
Radeon HD 6770	1,648	\$99.99
Radeon HD4870 X2	1,641	NA
Radeon HD 6750M	1,614	NA
Quadro 5010M	1,609	NA
GeForce GTX 660M	1,607	NA
Radeon - 6750m	1,606	NA
Radeon HD 6870M	1,594	NA
FirePro V5900	1,580	\$424.99*
FirePro M4000	1,579	NA
Radeon HD 7750	1,573	\$99.24
Radeon HD 4890	1,545	\$109.99*
GeForce GTX 560M	1,526	NA
Quadro 4000M	1,509	NA
ASUS EAH4870x2	1,490	NA
GeForce GTS 450	1,490	\$94.99*
Radeon HD 7850M	1,487	NA
Radeon HD 7560D + 7670 Dual	1,439	NA
FirePro V5800	1,390	\$379.99*
GeForcs GTX 560M	1,379	NA
Radeon HD 4870	1,370	\$59.99*
Radeon HD 6770M	1,359	NA
Radeon HD 5750	1,355	\$89.99*
Radeon HD 4850 X2	1,342	NA
Quadro CX	1,330	NA
Radeon HD 6750	1,329	\$143.38
GeForce GTX 460M	1,324	NA
FirePro V4900	1,313	\$154.99*
MOBILITY Radeon HD 4870 / 4870 X2	1,310	NA
GeForce GT 640	1,305	\$79.98
Radeon HD 4870 X2	1,304	NA
Quadro 2000	1,292	\$399.99*
N12E-GS-A1	1,274	NA
GeForce GT 650M	1,272	NA
GeForce GTX 285	1,267	\$179.99*
GeForce GTX 280	1,264	NA
Quadro 3000M	1,259	NA
FirePro M5950	1,257	NA
Mobility Radeon HD 4870 X2	1,251	NA
Quadro 2000D	1,240	\$429.00*
GeForce GTX 275	1,234	NA
XGI Volari Z9-Z9s v1.11.03	1,230	NA
Quadro FX 5800	1,229	\$3,099.99*
GeForce GT 545	1,226	\$57.34*
Mobility Radeon HD 5870	1,223	NA
Radeon HD sÄŠrieÄ 4800	1,212	NA
FirePro M40003	1,187	NA
Intel HD i7-2760QM	1,180	NA
Radeon HD 7870M	1,180	NA
FirePro M7820	1,174	NA
Apple Radeon HD 4850	1,169	NA
Quadro K2000M	1,145	NA

GF 9800 GX2	1,132	NA
Radeon HD 7670A	1,125	NA
Radeon HD 7670	1,123	NA
GeForce GTX 260	1,122	\$89.99*
FirePro V8700	1,117	\$879.99*
Radeon HD 7660D + 6670 Dual	1,112	NA
SKD Radeon 4670	1,110	NA
GeForce 9800 GTX/9800 GX2	1,109	NA
FirePro V4800	1,103	\$159.99*
Quadro 2000M	1,091	NA
GeForce GTX 295	1,083	\$289.99*
Radeon X1800 CrossFire Edition	1,066	NA
Radeon HD 4770	1,061	NA
GeForce 9800 GTX	1,058	NA
GeForce GTS 150	1,054	NA
Radeon HD 5670	1,053	\$69.99*
Mobility Radeon HD 6570	1,042	NA
Radeon HD 4850	1,040	\$89.99*
Quadro FX 4800	1,038	\$629.80*
Radeon HD 6670	1,033	\$75.99
GeForce GT 445M	1,032	NA
Radeon HD 6700M	1,021	NA
GeForce 9800M GS / 9800M GT	1,020	NA
Radeon HD 7560D + 6670 Dual	1,003	NA
Radeon HD 4830	987	\$59.99*
GeForce GTX 180M	983	NA
GeForce GT 555M	983	NA
Radeon HD 7570	978	NA
FireGL V7700	961	\$174.99*
FireGL V7350	960	NA
Radeon HD 6800M	952	NA
Radeon HD 7660D + 7670 Dual	938	NA
GeForce 9800 GTX+	930	NA
Quadro FX 3800M	927	NA
GeForce 8800 Ultra	927	NA
GeForce 9600GT	926	NA
GeForce 9800 GTX/9800 GTX+	917	\$89.99*
Radeon HD 3870 X2	905	NA
Radeon X1900 CrossFire Edition	905	NA
FirePro V3900	904	\$104.99*
GeForce GTS 250	904	\$114.99*
Quadro 2000 D	900	NA
FireGL V7300	894	NA
Radeon Processor	893	NA
Mobility Radeon HD 4850	882	NA
GeForce GT 640M	882	NA
FirePro V3900 Adapter	878	NA
Radeon HD 6850M	877	NA
Radeon E6760	873	NA
Quadro FX 3800	870	\$595.00*
GeForce GT 340	867	\$52.99*
Radeon X1950 CrossFire Edition	864	NA
GeForce GTS 240	862	\$64.99*
NVS 5400M	858	NA

GeForce 8800 GTS 512	855	NA
Radeon HD 6650A	855	NA
FireGL V8600	852	NA
Mobility Radeon HD 5000	851	NA
GeForce 9800 GX2	849	NA
Radeon HD 5600/5700	842	NA
MSI NX7900 GTX	837	NA
Radeon HD 3850 X2	837	NA
GeForce GT 140	828	NA
Radeon HD 7670M	826	\$649.99
Quadro K1000M	823	NA
GeForce GTS 160M	821	NA
Radeon HD 7600M + 7600M Dual	819	NA
Radeon HD 7660D	816	NA
NVS 510	814	\$340.99
Radeon HD 7660G + 7600M Dual	805	NA
Radeon HD 3870	799	NA
Mobility Radeon HD 5570	797	NA
GeForce GTS 360M	796	NA
GeForce GT 440	794	\$60.00
GeForce 8800GS	794	NA
Radeon HD 7640G + 7600M Dual	789	NA
Quadro 1000M	782	NA
Radeon HD 6570M	778	NA
Radeon HD 7650A	776	\$257.00
Radeon HD 7640G + 7500M/7600M Dual	775	NA
Radeon HD 7660G + 7610M Dual	774	NA
MSI NX7950 GT	771	NA
Radeon 6600M	769	NA
GeForce GT 630M	768	NA
GeForce 8800 GTX	766	NA
Quadro FX 5600	766	\$799.00*
GeForce GTX 170M	763	NA
Radeon HD 7640G + 6400M Dual	762	NA
GeForce 8800 GT	762	NA
Radeon HD 6550A	761	NA
Mobility Radeon HD 3870 X2	761	NA
GeForce 9600 GT	760	\$139.99*
GeForce GT 550M	759	NA
Radeon HD 7660G + 7670M Dual	758	NA
GeForce GT 620M	755	NA
GeForce GTX 280M	753	NA
Radeon HD 6570	747	\$63.99
Mobility Radeon HD 5850	741	NA
MSI NX7900 GT/GTO	738	NA
GeForce GT 530	735	\$58.95*
RADEON X800 XT Platinum Edition	731	NA
Radeon HD 6650M	730	NA
Radeon HD 6730M	730	NA
Radeon HD 7560D + 6570 Dual	730	NA
Radeon HD 2900 XT	723	NA
GeForce 9800M GTX	720	NA
GeForce 9800 GT	719	\$69.99*
Quadro FX 2800M	716	NA

GeForce GT 630	713	\$60.74
GeForce GT 540M	712	NA
Mobility Radeon HD 5850	711	NA
GeForce 8800M GT	707	NA
RV670	707	NA
Quadro FX 3700M	706	NA
Radeon HD 6550M	704	NA
GeForce 9800M GT	704	NA
Mobility Radeon HD 4870	702	NA
All-in-Wonder X1900	700	NA
Mobility Radeon HD 5750	700	NA
Radeon HD 7650M	700	NA
RADEON X850 CrossFire Edition	700	NA
All-in-Wonder X1800XL	700	NA
Intel HD i7-2820QM	699	NA
Radeon X1800 GTO	699	NA
Mobility Radeon HD 5770	698	NA
Radeon HD 5570	697	\$174.99*
RADEON HD6550D	692	NA
Quadro 600	688	\$149.99*
Quadro FX 3700	681	\$220.00*
GeForce GTX 285M	676	NA
Radeon HD 7560D	676	NA
Mobility Radeon HD 4830	674	NA
Mobility Radeon HD 3870	672	NA
FireGL V7600	672	NA
Radeon HD 6550D	669	NA
FirePro M7740	668	NA
Radeon HD 7670M + 7670M Dual	667	NA
FirePro V5700	666	\$294.99*
GeForce 9800M GTS	662	NA
Radeon HD 7660G	657	NA
GeForce GT 240	656	\$37.99*
Radeon HD 7550M/7650M	656	NA
Mobility Radeon HD 5730	653	NA
SUMO 9640	652	NA
GeForce Go 7900 GSX	647	NA
Intel HD i7-2920XM	646	NA
Radeon HD 6490M	645	\$1,193.03*
GeForce GT 430	642	\$49.99*
Radeon Processor DM 1	639	NA
GeForce GTX 260M	634	NA
MSI NX7900 GT	634	NA
ALL-IN-WONDER X800 XL	624	NA
ASUS Extreme AX800 XT	620	NA
RADEON HD6530D	619	NA
Quadro FX 4600	619	NA
GeForce GTS 250M	618	NA
GeForce 8800M GTX	617	NA
GeForce GT 425M	614	NA
GeForce GT 435M	613	NA
FirePro M2000	611	NA
GeForce 9800M GS	608	NA
GeForce GT 330	603	\$67.49*

MOBILITY RADEON X800 XT	600	NA
Radeon HD 3850 AGP	600	NA
Intel HD i7-2720QM	599	NA
Sapphire RADEON X800XL	596	NA
GeForce 8800 GTS	596	NA
Quadro FX 1800	596	\$279.00*
Radeon HD 7640G + 7670M Dual	594	NA
RADEON X850 PRO	592	NA
VisionTek RADEON X1950 Pro XGE	588	NA
nForce 760i SLI	588	NA
Intel IvyBridge HD	588	NA
Radeon HD 7570M	587	NA
Radeon HD 3850	587	NA
GeForce Go 7900 GTX	586	NA
Radeon HD 7640G	581	NA
FireGL V7100	578	NA
GeForce 8800 GS	578	NA
Radeon HD 6620G	574	NA
GeForce GT 320	573	\$52.88*
Radeon HD 6630M	572	NA
Radeon HD 7610M	570	NA
Radeon HD 7560D + 6450 Dual	568	NA
Radeon HD4650	568	NA
GeForce GTS 350M	567	NA
FirePro M5800	566	NA
FirePro V7750	565	NA
GeForce GT 420M	563	NA
FireGL X3-256	561	NA
Radeon X800 CrossFire Edition	558	NA
GeForce GT 525M	556	\$629.98*
Radeon HD 7540D	554	NA
Radeon HD 7420G	553	NA
Intel HD P4000	553	NA
GeForce 615	549	NA
GeForce Go 7900 GTX / Quadro NVS 510M	544	NA
Radeon HD4670	544	NA
Mobility Radeon X1900	543	NA
Famille de jeu de puces Express Mobile Intel 45	542	NA
Mobility Radeon HD 5650	540	NA
Quadro FX 5500	536	\$390.00*
Quadro NVS 510M	535	NA
Radeon HD 4670	535	\$112.99*
Radeon HD 7620G	534	NA
RADEON E4690	533	NA
Radeon HD 2900 PRO	532	NA
Radeon HD 7660G + 7470M Dual	528	NA
Radeon HD 6530D	527	NA
Radeon HD 7640G + 7470M Dual	526	NA
GeForce 9600 GSO 512	524	NA
Intel HD i7-2600K	521	NA
ASUS A9800 XT	520	NA
Quadro FX 2700M	512	NA
GeForce Go 7800 GTX	512	NA
GeForce GT 335M	508	NA

RADEON X800 PRO	507	NA
Mobility Radeon HD 4670	506	NA
GIGABYTE Radeon X1650	504	NA
Radeon HD 7520G + 7670M Dual	503	NA
Intel HD i7-2640M	502	NA
Quadro FX 3600M	502	NA
Intel HD i7-2630QM	499	NA
Radeon HD 7660G + 7400M Dual	496	NA
GeForce GT 130	494	\$27.99*
GeForce 9700M GTS	493	NA
GeForce 330M	492	NA
7900 MOD - Radeon HD 6520G	489	NA
GeForce 9600 GSO	488	\$49.99*
Radeon HD 6520G	482	NA
Radeon HD 6670 + 6670 Dual	480	NA
Fire GL V8650	479	\$329.99*
Mobility Radeon HD 6770	478	NA
Intel HD 4000	475	NA
Fire GL V5100	475	NA
Quadro FX 1800M	474	NA
GeForce GT 420	474	\$39.99*
Quadro FX 3450	469	NA
GeForce 8800M GTS	469	NA
RADEON X800 GTO	467	NA
Radeon HD 2900 GT	467	NA
Intel HD i7-2670QM	467	NA
Intel HD >a 4000	461	NA
Mobility Radeon HD 3850	461	NA
Radeon HD 7520G	460	NA
Sapphire RADEON X1600 XT	459	NA
GeForce GT 230	455	\$43.99*
GeForce 7900 GT	453	NA
Quadro FX 3500M	453	NA
VisionTek Radeon X1600 XT	452	NA
VisionTek Radeon X1600XT XGE	450	NA
Intel HD i7-2860QM	450	NA
SUMO 964A	450	NA
Radeon HD 7550M	449	NA
Sapphire RADEON X800	446	NA
FirePro V3800	446	\$107.99*
Mobility Radeon HD 5165	446	NA
Radeon HD 7480D	444	NA
Mobile Intel HD	438	NA
Quadro 410	438	\$115.99
Intel HD i5-2500K	438	NA
Fire GL V5200	435	NA
RADEON X800GT	434	NA
FirePro V3750	434	\$128.99*
RADEON X800 PRO/GTO	434	NA
Radeon X1700 FSC	430	NA
GeForce GT 620	428	\$51.09
Radeon HD 7500G	427	NA
GeQuadro 6200 TurboCache	426	NA
Radeon HD 5550	424	\$54.99*

RV530 XT	423	NA
GeForce 9600 GS	421	NA
Intel HD i5 M 580	420	NA
GeForce GT 325M	420	NA
Mobility Radeon HD 6470M	419	NA
Intel HD Xeon E31275	417	NA
Quadro FX 3400	415	\$99.99*
Intel HD i5 661	415	NA
FirePro M39003	414	NA
Sapphire RADEON X800 GT	414	NA
GeForce GT 240M LE	413	NA
HERCULES 3D PROPHET 9800 XT Classic	413	NA
Radeon HD 6520M	413	NA
ASUS V9999 Gamer Edition V61.21	411	NA
FireGL X2-256/X2-256t	409	NA
Microsoft RemoteFX-GrafikgerÄt - WDDM	409	NA
MSI NX7600 GT	407	NA
GeForce GT 520M	407	\$59.99*
Radeon HD 4700	402	NA
RADEON 9800 XT - Secondary	400	NA
GeForce 6800 GTO	398	\$39.99*
Intel HD i5 K 655	398	NA
Radeon HD 6410D	396	NA
RADEON X800 GT	396	NA
RADEON HD6410D	393	NA
RDPUDD Chained DD	392	NA
Radeon HD 7600G	392	NA
RADEON 9800 XT	390	NA
GeForce GT 120 / 9500 GT	389	NA
Mobility Radeon HD 565v	389	NA
Quadro FX 880M	388	NA
Intel HD Xeon E31225	388	NA
RADEON HD6370D	387	NA
Radeon HD 6480G	386	NA
VisionTek Radeon 4350	385	NA
Radeon HD 7470	385	NA
GIGABYTE RADEON X800 XL	385	NA
Radeon HD 4590	385	NA
NVS 5100M	383	NA
Mobility Radeon HD 560v	382	NA
Intel HD i5 M 450	382	NA
Radeon HD 7660D + 7470 Dual	381	NA
GeForce Go 6800 Ultra	381	NA
GeForce 410M	381	NA
Intel HD i5 M 480	379	NA
Intel HD i3 560	379	NA
Intel HD i7-2675QM	379	NA
Quadro FX 1700M	378	NA
MSI RADEON 9800 PRO Plus	377	NA
Radeon HD 4650 AGP	377	NA
Intel HD i5-2500S	376	NA
GeForce GT 330M	375	NA
Intel HD i5 M 460	375	NA
Intel HD i5-2435M	374	NA

SUMO 9644	374	NA
Intel HD i7 M 640	373	NA
GeForce GT 240M	372	NA
Intel HD i5-2510E	372	NA
Mobility Radeon HD 4650	372	NA
GeForce 7600 GTL	371	NA
FireGL X2	371	NA
Intel HD i7-2710QE	370	NA
Radeon HD 6450M	370	NA
Radeon HD 7450A	370	NA
Intel HD i3-2125	369	NA
Diamond X1600 PRO 512MB AGP	367	NA
GeForce GT 220	367	\$79.99*
RADEON X800	366	\$14.99*
GeForce GT 415M	365	NA
Intel HD i7-2620M	365	NA
Mobility Radeon HD 5400	364	NA
GeForce GT 520	364	\$63.95*
Intel HD i5-2410M	363	NA
RADEON X850 XT	363	NA
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* - Last price seen from our affiliates.

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