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Videocard Benchmarks

Over 600,000 Video Cards
Benchmarked



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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 4th of January 2017



















































		Price (USD)
NVIDIA TITAN X	12,920	\$1,200.00*
GeForce GTX 1080	12,007	\$569.99
Quadro P5000	11,703	\$2,499.00
GeForce GTX 980 Ti	11,436	\$407.89
GeForce GTX 1070	11,017	\$369.99
GeForce GTX TITAN X	10,700	\$2,499.97
Quadro M6000 24GB	10,354	NA
GeForce GTX 980	9,657	\$473.50
Quadro M6000	9,248	\$4,499.99
Radeon Pro Duo	9,060	\$1,599.99
GeForce GTX 780 Ti	8,928	\$1,174.58
GeForce GTX 1060	8,810	\$248.75
GeForce GTX TITAN Black	8,680	\$2,179.58*
GeForce GTX 970	8,607	\$329.99
GeForce GTX 1060 3GB	8,409	\$194.99
Quadro M5000	8,393	\$1,759.99
Radeon R9 Fury + Fury X	8,314	\$259.99
Radeon R9 390X	8,259	NA
GeForce GTX 780	7,996	\$353.33
GeForce GTX TITAN Z	7,936	\$2,715.29
GeForce GTX Titan	7,904	\$2,054.59
Radeon RX 480	7,849	\$189.99
Quadro K6000	7,739	\$2,500.00










































Radeon R9 390	7,608	NA
Radeon Pro WX 7100	7,486	\$628.99
Radeon R9 295X2	7,269	\$1,399.99
Radeon RX 470	7,265	\$169.99
Radeon R9 290X / 390X	7,230	\$369.99
Radeon R9 290 / 390	6,971	\$249.99
FirePro W9100	6,834	\$2,349.99
Radeon Pro WX 5100	6,598	\$399.00
Quadro M4000	6,585	\$775.00
GeForce GTX 770	6,122	\$407.65
Quadro K5200	6,104	\$1,750.00
Radeon R9 380X	5,925	\$245.23
GeForce GTX 1050 Ti	5,912	\$139.99
GeForce GTX 960	5,862	\$189.99
Radeon R9 380	5,805	\$264.99*
FirePro W8100	5,714	\$919.99
Radeon R9 M395X	5,714	NA
GeForce GTX 680	5,706	\$199.00
Radeon R9 280X	5,663	NA
GeForce GTX 980M	5,626	NA
Radeon R9 285 / 380	5,542	\$169.99
GeForce GTX 670	5,378	\$199.00
Radeon HD 7990	5,373	\$549.99*
GeForce GTX 690	5,289	\$999.00*
Radeon HD 7970 / R9 280X	5,248	\$285.14
FirePro W7100	5,241	\$568.99
GeForce GTX 950	5,205	\$129.99
GeForce GTX 1050	5,188	\$109.99
FirePro W9000	5,178	\$3,443.99*
Radeon R9 280	5,157	NA
Radeon R9 M395	5,155	NA
GTX 965M	5,139	NA
Radeon R9 M295X	5,101	NA
GeForce GTX 760 Ti	5,096	\$297.50*
Radeon HD 8990	5,041	NA
GeForce GTX 580	5,000	\$289.88*
GeForce GTX 760	4,946	\$258.61
Quadro M5000M	4,940	NA
Radeon HD 7950 / R9 280	4,763	\$199.99
Radeon R9 370	4,722	NA
GeForce GTX 660 Ti	4,699	\$575.59
Radeon R9 270X	4,618	\$210.14*
Radeon Pro WX4100	4,559	NA
Radeon R7 370	4,545	NA
FirePro W7170M	4,519	NA
Quadro K4200	4,435	\$819.43
GeForce GTX 570	4,405	\$99.99*
Radeon HD 7870 XT	4,400	NA
GeForce GTX 680MX	4,394	NA
Quadro M2000	4,347	\$426.99

GeForce GTX 480	4,339	\$71.99*
GRID K520	4,332	NA
Radeon HD 7870	4,311	\$460.56
Radeon R9 270 / R7 370	4,258	\$89.99
FirePro W7000 Adapter	4,242	NA
Radeon RX 460	4,223	\$99.99
GeForce GTX 775M	4,212	NA
FirePro W8000	4,206	\$1,048.99*
FirePro S7000	4,166	NA
FirePro W7000	4,152	\$569.99*
GeForce GTX 590	4,151	\$184.00*
Quadro M3000M	4,122	NA
GeForce GTX 660	4,117	\$213.71
GeForce GTX 780M	4,063	NA
GeForce GTX 970M	3,996	\$1,699.97
Quadro K5000	3,990	\$959.00
Radeon HD 8970M	3,889	NA
Radeon R9 M290X	3,876	NA
Radeon HD 7850	3,789	\$449.59
GRID K2	3,772	\$2,400.00
Radeon HD 7970M	3,756	NA
GeForce GTX 750 Ti	3,685	\$99.99
Tesla C2050 / C2070	3,682	NA
Quadro M4000M	3,676	NA
GeForce GTX 880M	3,605	NA
GeForce GTX 470	3,598	\$522.01*
Radeon R9 M390X	3,595	NA
GeForce GTX 650 Ti BOOST	3,533	NA
GeForce GTX 560 Ti	3,532	\$151.00
Radeon HD 6970	3,480	\$94.99*
Quadro K2200	3,480	\$389.99
Tesla C2050	3,472	NA
Quadro 6000	3,465	\$848.25
GeForce GTX 680M	3,366	\$315.00
GeForce GTX 750	3,254	\$119.99
Radeon HD8970M	3,193	NA
Tesla C2075	3,191	\$2,269.99*
Radeon R7 360	3,185	\$89.99
Radeon HD 6950	3,181	\$89.99*
Tesla C2070	3,178	NA
GeForce GTX 560	3,122	\$353.59
Radeon R7 260X	3,097	\$89.00
Radeon R9 M380	3,047	NA
FirePro W5000	3,026	\$434.00*
Radeon R9 360	3,022	\$519.00*
Quadro K5100M	3,022	NA
Radeon R9 260	3,018	NA
Radeon HD 8950	3,015	NA
Radeon HD 7790	3,015	\$962.17*
Quadro K1200	2,996	\$299.99

GeForce GTX 965M	2,974	NA
FirePro W4300	2,965	\$239.99
GeForce GTX 465	2,940	\$263.28*
Radeon R7 260	2,883	\$89.99*
FirePro W5100	2,877	\$307.99
FirePro M6100	2,866	NA
Quadro K4000	2,836	\$525.00
FirePro 3D V9800	2,811	\$2,499.00*
GRID K260Q	2,766	NA
Quadro 5000	2,732	\$205.02
FirePro V7900	2,701	\$129.99
GeForce GTX 650 Ti	2,663	\$127.99
GeForce GTX 770M	2,648	NA
GeForce GTX 460	2,640	\$89.99*
Radeon HD 6990	2,624	\$159.99*
Quadro K5000M	2,615	\$329.99*
Radeon HD 5870	2,601	\$99.99*
Radeon HD 5970	2,589	\$329.99*
Radeon HD 6870	2,582	\$89.99*
GeForce GTX 460 v2	2,565	\$199.99*
Quadro M2000M	2,507	NA
Device	2,502	NA
GeForce GT 645	2,479	NA
Quadro K4100M	2,476	NA
FirePro 3D V8800	2,407	\$424.99*
FirePro V9800 Adapter	2,360	NA
GeForce GTX 675MX	2,345	NA
GeForce GTX 485M	2,331	NA
GeForce GTX 960A	2,289	NA
Quadro K620	2,287	\$159.99
GeForce GTX 580M	2,275	NA
Radeon HD 5850	2,255	\$79.99*
Quadro K4000M	2,253	NA
Radeon HD 6850	2,248	\$99.99*
GeForce GTX 460 SE	2,239	\$159.99*
GeForce GTX 560 SE	2,236	\$89.99*
GeForce GTX 870M	2,212	NA
Radeon R9 350	2,188	\$136.01
Radeon R9 M375X	2,188	NA
Radeon HD 7770	2,182	\$315.59
GeForce GTX 555	2,168	NA
Radeon R7 450	2,167	NA
GRID K280Q	2,166	NA
GeForce GTX 745	2,165	NA
Intel Iris Pro P580	2,154	NA
Radeon TM R9 A360	2,148	NA
GeForce GTX 675M	2,110	NA
GeForce GTX 670MX	2,046	NA
Quadro 5000M	2,039	NA
Firepro W5170M	2,037	NA

Radeon HD 5830	2,036	\$159.99*
FirePro M5100	2,035	NA
Radeon HD 6790	2,029	\$64.99*
GeForce GTX 570M	2,021	NA
GeForce GTX 480M	2,021	NA
GeForce GTX 960M	1,969	NA
Radeon R7 + HD 7700 Dual	1,962	NA
Radeon HD 7660D + HD 7700 Dual	1,958	NA
Quadro 4000	1,955	\$147.77
Intel Iris Pro 580	1,952	NA
GeForce GTX 470M	1,949	NA
Quadro M1000M	1,926	\$200.99
GeForce GTX 550 Ti	1,925	\$287.59*
GeForce GTX 645	1,914	NA
Radeon HD 6900M	1,914	NA
Radeon R9 M370X	1,913	NA
Matrox C680 PCIe x16	1,907	NA
GeForce GTX 670M	1,885	NA
GeForce GTX 765M	1,879	NA
Quadro K3100M	1,864	\$1,999.00*
FirePro 3D V7800	1,860	\$599.99*
Radeon HD 8570D + HD 7700 Dual	1,834	NA
GeForce GTX 650	1,831	\$139.99
Radeon HD 8870M / R9 M270X / M370X	1,809	NA
FirePro W5130M	1,807	NA
Quadro K2200M	1,789	NA
Radeon HD 8670D + 7700 Dual	1,788	NA
GRID K240Q	1,774	NA
GeForce GTX 950M	1,771	NA
Quadro 4000M	1,759	\$149.99
Quadro 5010M	1,748	NA
Radeon R9 255	1,746	NA
FirePro W600	1,742	\$464.99
Quadro M600M	1,703	NA
Radeon HD 5770	1,689	\$115.99*
Quadro K2000	1,673	\$209.00
Radeon HD 8870M	1,672	NA
FirePro M6000 Mobility Pro	1,672	NA
Radeon HD 7750	1,668	\$117.67
Radeon R9 M360	1,667	NA
GeForce GTX 860M	1,665	NA
Radeon HD 6770	1,663	\$76.99*
Radeon E8860	1,657	NA
FirePro M4000 Mobility Pro	1,654	NA
Quadro K2000D	1,636	\$479.65
Intel Iris 550	1,629	NA
Quadro K3000M	1,627	\$289.00*
FirePro W4100	1,598	\$159.99
GeForce GT 740	1,579	\$89.99
GeForce GT 755M	1,573	NA

GeForce GTX 560M	 1,555	NA
GeForce GTS 450	 1,553	\$64.99*
Radeon HD 4890	 1,533	\$109.99*
FirePro V5900	 1,516	\$319.99*
GeForce 945M	 1,492	NA
Intel Iris Pro 6200	 1,490	NA
Radeon R9 M270X	 1,486	NA
Radeon HD 7660D + HD 6670 Dual	 1,484	NA
Radeon HD 7870M	 1,477	NA
Radeon R9 M275X / M375	 1,466	NA
FirePro M4000	 1,464	NA
GeForce GTX 850M	 1,447	NA
Radeon HD 7560D + 7670 Dual	 1,426	NA
FirePro M40003	 1,416	NA
Radeon HD 5750	 1,409	\$69.41*
Radeon R7 250	 1,404	\$54.99
GeForce GTX 660M	 1,402	NA
GeForce GTX 950A	 1,402	NA
Quadro 3000M	 1,390	\$399.00*
GeForce GTX 460M	 1,383	NA
FirePro 3D V5800	 1,381	\$369.99*
Radeon HD 7730	 1,380	\$49.99*
GeForce GTX 760M	 1,379	NA
Radeon HD 4870	 1,376	\$59.99*
Radeon HD 7850M	 1,372	NA
Radeon R7 M370	 1,367	NA
Radeon HD 8670D + 6670 Dual	 1,361	NA
Intel Iris 540	 1,357	NA
Radeon HD 7560D + HD 7700 Dual	 1,346	NA
FireStream 9270	 1,341	NA
FirePro M5950	 1,314	NA
Quadro 2000	 1,305	\$129.99
Quadro 2000D	 1,294	\$198.98*
Radeon HD 6750	 1,291	\$49.99*
FirePro V4900	 1,289	\$144.99*
GeForce GT 640	 1,286	\$59.99*
GeForce GT 750M	 1,285	NA
GeForce GT 545	 1,282	\$55.59*
GeForce GTX 760A	 1,281	NA
Radeon R7 A370	 1,281	NA
Radeon R7 + R7 200 Dual	 1,278	NA
FirePro W4170M	 1,274	NA
FirePro 3D V8750	 1,267	\$1,230.99*
GeForce GTX 285	 1,264	\$179.99*
Radeon HD 8790M	 1,261	NA
Radeon HD 8570D + HD 6670 Dual	 1,260	NA
Radeon HD 4870 X2	 1,252	NA
Radeon R9 M265X	 1,246	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
Quadro K2100M	 1,236	\$165.95*
GeForce 940MX	 1,230	NA
GeForce GTX 275	 1,230	\$119.99*
Radeon R7 A10-7890K	 1,223	NA
Radeon HD 8670D + HD 6670 Dual	 1,221	NA
Radeon HD 7640G + HD 8750M Dual	 1,216	NA
Mobility Radeon HD 5870	 1,209	NA
Firepro W4190M	 1,200	NA
GeForce GT 650M	 1,196	NA
GeForce GTX 280	 1,195	\$119.99*
Radeon HD 7750M	 1,191	NA
GeForce 930MX	 1,181	NA
Intel Iris Pro 5200	 1,176	NA
Quadro 2000 D	 1,167	NA
FireStream 9250	 1,164	NA
Radeon R9 M375	 1,164	NA
Radeon R7 A10-7870K	 1,155	NA
FirePro 3D V8700	 1,155	\$199.99*
GeForce GT 745A	 1,146	NA
Radeon HD 8850M / R9 M265X	 1,139	NA
Radeon HD 7560D + 6670 Dual	 1,130	NA
GeForce GTX 260	 1,124	\$95.38*
Radeon HD 4850 X2	 1,124	NA
FirePro M4170	 1,113	NA
Radeon R9 M275	 1,111	\$799.99
Radeon HD 7660D + 6570 Dual	 1,100	NA
Radeon R7 M260X	 1,099	NA
FirePro M4150	 1,094	NA
Radeon HD 7670	 1,089	NA
GeForce GPU	 1,087	NA
FirePro 3D V4800	 1,086	\$159.99*
Quadro FX 5800	 1,083	\$499.99*
Quadro K2000M	 1,078	\$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
Firepro M4100	 1,058	NA
Quadro 2000M	 1,058	\$46.56
Quadro M500M	 1,056	NA
GeForce GT 445M	 1,053	NA
Radeon HD 4770	 1,052	NA
Radeon HD 7670A	 1,051	NA
Radeon HD 6670	 1,049	\$102.99*
GeForce GTX 295	 1,046	\$159.99*
Radeon R7 + R7 240 Dual	 1,045	NA
Radeon HD 8600/8700M	 1,038	NA
Radeon R7 340	 1,038	NA

GeForce 845M	1,032	NA
Radeon HD 8570D + HD 8570 Dual	1,032	NA
Radeon HD 4850	1,032	\$89.99*
Radeon HD7570	1,028	NA
Radeon HD 8750M	1,024	NA
Radeon HD 8670D + R7 240 Dual	1,020	NA
Radeon R7 A10-7850K	1,018	NA
Radeon R7 + R5 330 Dual	1,014	NA
Quadro CX	1,013	\$149.95*
Radeon HD 7690M XT	1,009	NA
Radeon R7 PRO A8-9600	1,007	NA
Radeon R7 A10-7860K	1,007	NA
Intel HD P530	1,003	NA
Radeon R7 A10-8750	1,002	NA
Radeon HD 7730M	1,002	NA
Intel HD 630	1,000	NA
Radeon HD 8570D + R7 200 Dual	1,000	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	NA
Radeon HD 7690M	992	NA
Radeon HD 6770M	992	NA
Quadro FX 4800	989	\$217.95*
Radeon HD 6800M	988	NA
Radeon HD 6700M	988	NA
Radeon R7 A265	987	NA
Intel HD 530	985	NA
Quadro K1100M	984	\$59.95*
Radeon HD 7560D + 7560D Dual	982	NA
Radeon HD 7570	982	NA
Radeon HD 5600/5700	975	NA
GeForce 830A	972	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	NA
Radeon HD 4830	965	\$59.99*

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* - Last price seen from our affiliates.

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