

Videocard Benchmarks

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High End Video Card Chart

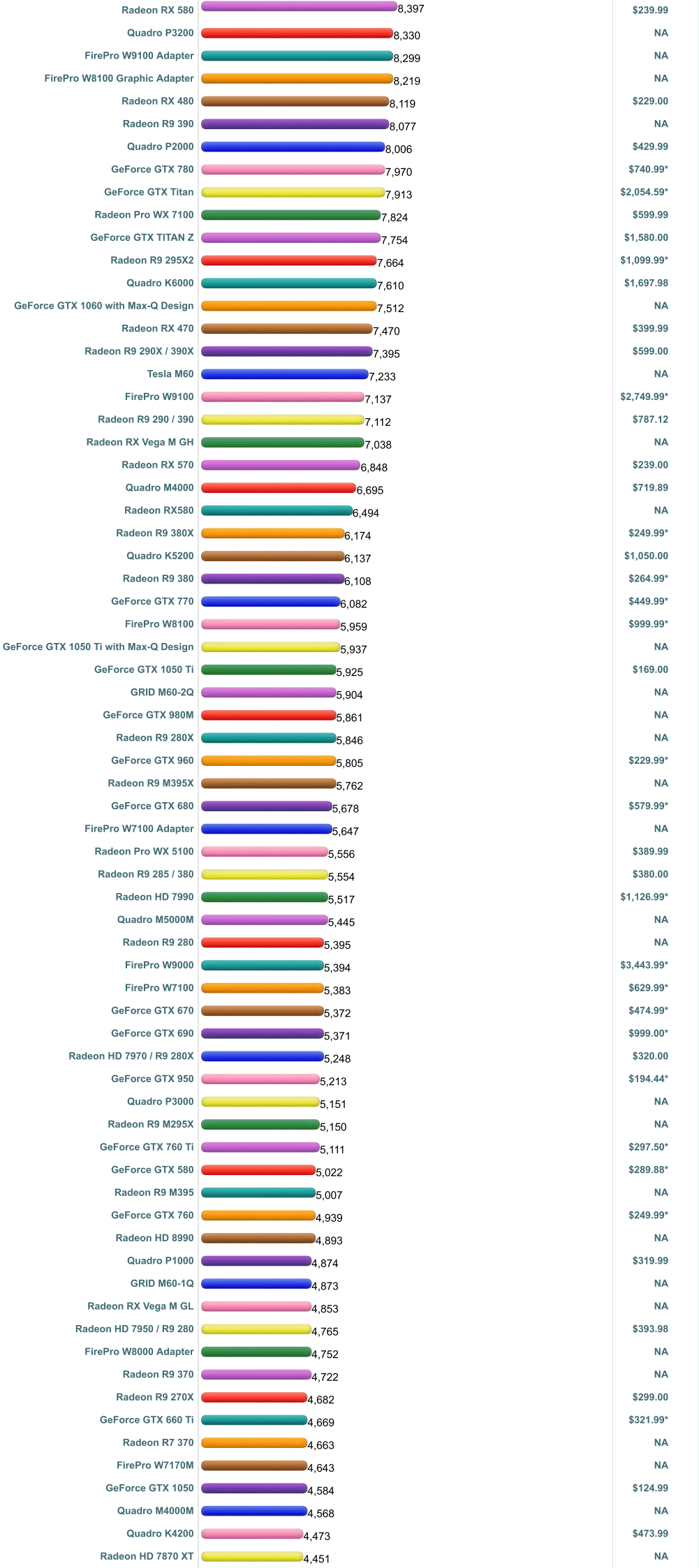
This chart made up of thousands of **PerformanceTest** benchmark results and is updated daily with new graphics card benchmarks. This high end chart contains high performance video cards typically found in premium gaming PCs. Recently introduced ATI video cards (such as the ATI Radeon HD) and nVidia 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 30th of July 2018

		Price (USD)
Quadro GV100	15,174	NA
TITAN Xp COLLECTORS EDITION	15,077	NA
TITAN V	14,280	\$3,587.99
NVIDIA TITAN Xp	14,222	\$1,200.00*
GeForce GTX 1080 Ti	14,060	\$699.99
Quadro P6000	13,581	\$4,625.00
NVIDIA TITAN X	13,277	\$1,200.00*
Radeon Pro Vega 64	13,168	NA
Quadro GP100	12,848	NA
GeForce GTX 1080	12,303	\$469.99
Radeon RX Vega	12,298	\$459.99
GeForce GTX 1070 Ti	12,179	\$449.99
Radeon Pro Vega 56	12,005	NA
Radeon RX Vega 64	11,671	\$579.99
Radeon Vega Frontier Edition	11,485	\$1,049.99
GeForce GTX 980 Ti	11,342	\$679.99
GeForce GTX 1070	11,173	\$399.99
Radeon RX Vega 56	11,122	NA
Radeon Pro WX 9100	11,037	NA
Quadro P5200	10,792	NA
GeForce GTX TITAN X	10,691	\$1,999.99*
Quadro P4000	10,508	\$799.99
GeForce GTX 1080 with Max-Q Design	10,467	NA
VRVD5	10,222	NA
Quadro P5000	10,209	\$1,789.99
Quadro M6000 24GB	9,937	NA
Quadro P4200	9,889	NA
GeForce GTX 980	9,597	\$598.11
Radeon Pro Duo	9,462	\$899.99
Quadro M5500	9,323	NA
Quadro M6000	9,296	\$3,998.00*
Radeon R9 Fury	9,172	\$399.99*
Quadro P4000 with Max-Q Design	9,083	NA
GeForce GTX 1060	8,974	\$279.99
GeForce GTX 1060 3GB	8,914	\$229.99
GeForce GTX 780 Ti	8,896	\$749.99*
GeForce GTX 1070 with Max-Q Design	8,710	NA
GeForce GTX 1060 5GB	8,642	NA
GeForce GTX TITAN Black	8,611	\$999.99*
GeForce GTX 970	8,591	\$470.12*
Radeon R9 390X	8,561	NA
Quadro M5000	8,452	\$1,780.00*
Radeon R9 Fury + Fury X	8,431	\$399.99*
















	Radeon RX 560	4,437	\$139.99
	GRID P6-4Q	4,429	NA
	FirePro W8000	4,418	\$1,048.99*
	GeForce GTX 570	4,418	\$99.99*
	GRID K520	4,384	NA
	Radeon HD 7870	4,368	\$299.00
	GeForce GTX 480	4,360	\$71.99*
	GeForce GTX 680MX	4,354	NA
	Quadro M3000M	4,340	NA
	Radeon RX 460	4,339	\$179.50
	Barco MXRT 7500	4,319	NA
	Quadro M2000	4,310	\$356.56
	Radeon R9 270 / R7 370	4,262	\$147.56
	FirePro W7000	4,246	\$569.99*
	Radeon R9 M390X	4,213	NA
	GeForce GTX 590	4,211	\$184.00*
	GeForce GTX 775M	4,179	NA
	FirePro S7000	4,166	NA
	GeForce GTX 660	4,127	\$349.99*
	Radeon R9 M290X	4,094	NA
	GeForce GTX 970M	4,048	\$1,899.00*
	FirePro W7000 Adapter	4,027	NA
	Quadro K5000	4,023	\$344.00
	GeForce GTX 780M	4,003	NA
	Radeon Pro WX 4100	3,982	\$279.99
	Radeon Pro WX4100	3,949	NA
	GRID M60-8Q	3,909	NA
	Radeon HD 8970M	3,876	NA
	Radeon RX480	3,858	NA
	Radeon HD 7850	3,837	\$449.59
	Radeon HD 7970M	3,811	NA
	GRID K2	3,773	\$1,378.00
	Tesla C2050 / C2070	3,756	NA
	Quadro P620	3,743	\$178.51
	GeForce GTX 750 Ti	3,729	\$299.01*
	GeForce GTX 880M	3,654	NA
	GeForce GTX 470	3,603	\$522.01*
	Radeon R9 M470X	3,597	NA
	Quadro K2200	3,563	\$327.43
	Radeon Pro 560	3,553	NA
	Device	3,545	NA
	GeForce GTX 650 Ti BOOST	3,537	NA
	GeForce GTX 560 Ti	3,535	\$138.00*
	Radeon HD 6970	3,516	\$94.99*
	Quadro 6000	3,510	\$799.00
	Radeon RX 550	3,481	\$99.99
	Tesla C2050	3,465	NA
	Radeon Pro 460	3,453	NA
	Radeon Pro WX 4150	3,428	NA
	Quadro M2200	3,428	NA
	Radeon Pro WX 3100	3,412	NA
	GeForce GTX 680M	3,356	\$499.99*
	Tesla C2075	3,324	\$2,269.99*
	Radeon RX550	3,313	NA
	Radeon R7 360	3,304	\$146.65*
	GeForce GTX 750	3,298	\$150.99*
	Radeon HD 6950	3,208	\$89.99*
	FirePro V7000 Adapter	3,162	NA
	Radeon R7 260X	3,156	\$239.00
	GeForce GTX 965M	3,147	NA
	Radeon Pro 555	3,141	NA
	Radeon HD8970M	3,131	NA
	GeForce GTX 560	3,121	\$353.59*
	Quadro K5100M	3,102	NA
	Tesla C2070	3,098	NA
	Radeon R9 M380	3,085	NA
	Radeon HD 7790	3,063	\$134.99*
	FirePro W5000	3,060	\$434.00*
	Radeon R9 360	3,039	\$519.00*

Quadro P600	3,037	\$173.02
Quadro K1200	3,034	\$299.25
Radeon HD 8950	3,024	NA
Radeon R9 260	3,018	NA
FirePro W5100	3,003	\$279.13*
GeForce GTX 465	2,950	\$263.28*
GRID K260Q	2,941	NA
FirePro M6100	2,904	NA
FirePro W4300	2,894	\$239.99*
Quadro M1200	2,892	NA
Radeon R7 260	2,892	\$89.99*
Quadro K4000	2,883	\$268.50
Radeon HD 6990	2,859	\$159.99*
Quadro 5000	2,835	\$171.92
FirePro 3D V9800	2,812	\$2,499.00*
Quadro M620	2,798	NA
Radeon RX540	2,788	NA
Quadro M2000M	2,786	NA
Radeon Pro WX 4130	2,768	NA
FirePro V9800 Adapter	2,731	NA
Radeon Pro 450	2,723	NA
FirePro V7900	2,718	\$119.99*
GeForce GTX 650 Ti	2,659	\$129.99*
GeForce GTX 460	2,657	\$89.99*
GeForce GTX 770M	2,641	\$177.99*
Radeon HD 5870	2,616	\$99.99*
Quadro K5000M	2,615	\$391.00
Radeon HD 6870	2,607	\$89.99*
Radeon HD 5970	2,596	\$329.99*
Quadro K2200M	2,572	NA
Quadro K4100M	2,517	\$379.99*
FirePro 3D V8800	2,500	\$424.99*
GeForce GTX 460 v2	2,493	\$199.99*
MxGPU	2,487	NA
GeForce GTX 675MX	2,414	NA
GeForce GTX 870M	2,383	NA
GeForce GTX 485M	2,383	NA
GeForce GTX 960A	2,359	NA
Radeon RX Vega 11	2,356	NA
Quadro K620	2,327	\$184.99
GeForce GTX 580M	2,326	NA
Radeon HD 6850	2,282	\$99.99*
Radeon HD 5850	2,277	\$79.99*
Radeon R7 250X	2,269	\$260.69*
Radeon R9 350	2,265	\$80.05
Quadro K4000M	2,263	NA
Radeon Vega 11	2,254	NA
Quadro M1000M	2,252	\$200.89*
GeForce GTX 460 SE	2,249	\$159.99*
GRID K280Q	2,243	NA
GeForce GT 1030	2,241	\$77.99
GeForce GT 645	2,215	NA
Radeon HD 7770	2,215	\$315.59
GeForce GTX 960M	2,206	NA
GeForce GTX 560 SE	2,205	\$89.99*
Firepro W5170M	2,192	NA
RadeonT R7 450	2,187	NA
GeForce GTX 745	2,178	NA
Radeon R7 450	2,175	\$87.95
GeForce GTX 555	2,161	NA
Radeon TM R9 A360	2,148	NA
GRID K240Q	2,144	NA
GeForce GTX 675M	2,141	NA
Radeon R9 M470	2,118	NA
FirePro M5100	2,097	NA
GeForce MX150	2,097	NA
Radeon R9 M375X	2,096	NA
Intel Iris Pro P580	2,081	NA
GeForce GTX 670MX	2,068	NA

	Radeon R7 M465X	2,057	NA
	Radeon HD 5830	2,047	\$159.99*
	Radeon HD 6790	2,043	\$64.99*
	GeForce GTX 480M	2,043	NA
	Quadro 5000M	2,039	NA
	Quadro 4000	2,028	\$172.00
	GeForce GTX 570M	2,022	NA
	Quadro K3100M	1,999	\$1,999.00*
	Radeon R7 + R7 350 Dual	1,982	NA
	Radeon R9 M360	1,976	NA
	Radeon Vega 8	1,968	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
	Radeon HD 6900M	1,939	NA
	Radeon Pro WX 2100	1,938	NA
	GeForce GTX 670M	1,933	NA
	GeForce GTX 550 Ti	1,927	\$287.59*
	Radeon R9 M370X	1,925	NA
	GeForce GTX 645	1,924	NA
	GeForce MX130	1,909	NA
	Radeon Vega 10	1,895	NA
	GeForce GTX 765M	1,880	NA
	Quadro M600M	1,872	NA
	GeForce GTX 860M	1,852	NA
	Intel Iris Pro 580	1,843	NA
	Radeon HD 8570D + HD 7700 Dual	1,835	NA
	GeForce GTX 650	1,833	\$144.81*
	Quadro 5010M	1,825	\$235.95*
	GeForce GTX 950M	1,818	NA
	Matrox C900 PCIe x16	1,812	NA
	FirePro 3D V7800	1,810	\$599.99*
	Quadro 4000M	1,802	\$111.99
	Radeon HD 8870M / R9 M270X / M370X	1,800	NA
	Radeon HD 8670D + 7700 Dual	1,789	NA
	Radeon R9 255	1,772	\$347.07
	Radeon R7 FX-9830P RADEON	1,769	NA
	Radeon Vega 6	1,765	NA
	Quadro K3000M	1,763	\$155.00*
	FirePro W4100 Adapter	1,741	NA
	Quadro P400	1,730	\$124.99
	FirePro W600	1,728	\$479.99*
	FirePro M6000 Mobility Pro	1,721	NA
	FirePro M4000 Mobility Pro	1,721	NA
	Quadro K2000	1,715	\$175.99
	Radeon HD 5770	1,706	\$115.99*
	Radeon HD 7750	1,701	\$179.00
	Radeon Vega 8 Mobile	1,679	NA
	Radeon HD 6770	1,679	\$76.99*
	Quadro K2000D	1,672	\$469.99
	FirePro W5130M	1,656	NA
	Radeon 540	1,643	NA
	Ryzen 7 2700U with Radeon Vega	1,642	NA
	Radeon HD 8870M	1,638	NA
	Intel Iris 550	1,625	NA
	FirePro W4100	1,617	\$159.99*
	Quadro P500	1,595	NA
	FirePro M4000	1,583	NA
	GeForce GT 755M	1,583	NA
	Radeon E8860	1,577	NA
	GeForce GT 740	1,574	\$94.99*
	GeForce GTX 850M	1,573	NA
	GeForce GTS 450	1,557	\$64.99*
	Radeon RX Vega 10	1,557	NA
	GeForce GTX 560M	1,553	NA
	Intel Iris Plus 650	1,543	NA
	Radeon HD 4890	1,538	\$109.99*

	GeForce GTX 950A	1,533	NA
	Intel Iris Pro Graphics 6200	1,531	NA
	FirePro V5900	1,527	\$319.99*
	Quadro M520	1,517	NA
	Ryzen 5 2500U with Radeon Vega	1,496	NA
	Radeon R9 M275X / M375	1,487	NA
	Radeon HD 7660D + HD 6670 Dual	1,485	NA
	Radeon HD 7870M	1,478	NA
	Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	1,463	NA
	Quadro 3000M	1,458	\$31.98
	FirePro 3D V5800	1,451	\$369.99*
	Radeon HD 5750	1,438	\$69.41*
	GeForce 945M	1,434	NA
	GeForce GTX 660M	1,433	NA
	Radeon HD 7730	1,429	\$49.99*
	Radeon HD 7560D + 7670 Dual	1,426	NA
	Radeon R7 430	1,422	NA
	Radeon R9 M270X	1,418	NA
	GeForce GTX 760M	1,416	NA
	Radeon R7 M370	1,411	NA
	Radeon R7 250	1,407	\$72.54
	GeForce GTX 460M	1,394	NA
	Intel Iris Plus 640	1,388	NA
	Radeon HD 4870	1,382	\$59.99*
	Radeon R7 PRO A12-8870	1,376	NA
	Radeon HD 7850M	1,373	NA
	Radeon R7 PRO A10-9700	1,368	NA
	FirePro M40003	1,364	NA
	Radeon HD 8670D + 6670 Dual	1,361	NA
	Radeon R7 PRO A12-9800	1,347	NA
	Intel Iris 540	1,347	NA
	Radeon HD 7560D + HD 7700 Dual	1,347	NA
	FireStream 9270	1,341	NA
	Intel HD P630	1,336	NA
	Barco MXRT 5400	1,335	NA
	GeForce MX110	1,333	NA
	Radeon HD 8790M	1,322	NA
	Radeon R7 PRO A10-8770	1,320	NA
	Quadro K2100M	1,318	\$159.99*
	Radeon HD 6750	1,317	\$49.99*
	Quadro 2000	1,316	\$125.00
	FirePro M5950	1,314	NA
	GeForce 940MX	1,314	NA
	Radeon HD 4870 X2	1,310	NA
	FirePro W4170M	1,307	NA
	Radeon R7 M465	1,306	NA
	FirePro V4900	1,300	\$144.99*
	GeForce GT 545	1,295	\$55.59*
	Radeon R7 + R7 200 Dual	1,290	NA
	GeForce GT 750M	1,290	NA
	GeForce GTX 760A	1,281	NA
	Radeon R7 A370	1,281	NA
	GeForce GT 640	1,281	\$59.99*
	Quadro 2000D	1,279	\$209.00*
	Radeon R9 M265X	1,272	NA
	FirePro 3D V8750	1,272	\$1,230.99*
	GeForce GTX 285	1,270	\$179.99*
	Firepro W4190M	1,270	NA
	Radeon HD 8570D + HD 6670 Dual	1,261	NA
	Radeon R9 M375	1,251	NA
	GeForce GTX 275	1,241	\$119.99*
	Radeon R7 A12-9800 RADEON	1,240	NA
	Radeon HD 8570D + 6570 Dual	1,239	NA
	Mobility Radeon HD 5870	1,239	NA
	Radeon HD 7660D + 6670 Dual	1,238	NA
	Radeon HD 8790M / R9 M290X	1,237	NA
	GeForce GT 650M	1,222	NA
	Radeon HD 8670D + HD 6670 Dual	1,222	NA

FirePro V4800		1,205	NA
GeForce 930A		1,204	NA
GeForce GTX 280		1,200	\$522.78*
Radeon R7 A10-9700 RADEON		1,199	NA
Radeon R7 M350		1,199	NA
FirePro 3D V8700		1,198	\$199.99*
Radeon HD 7750M		1,191	NA
Radeon R7 A12-9800E RADEON		1,186	NA
Radeon R7 PRO A10-8770E		1,185	NA
Radeon 530		1,183	NA
Quadro 2000 D		1,182	NA
GeForce 930MX		1,177	NA
Radeon R7 A10-7890K		1,174	NA
GeForce GPU		1,172	NA
Intel Iris Pro 5200		1,170	NA
FireStream 9250		1,165	NA
Radeon R7 PRO A12-8870E		1,160	NA
GeForce GT 745A		1,156	NA
Intel UHD 630		1,154	NA
NVS 810		1,153	\$624.99
Radeon HD 4850 X2		1,148	NA

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* - Last price seen from our affiliates.

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