



AMD FIREPRO™ W8000 PROFESSIONAL GRAPHICS

Benchmarking Results.



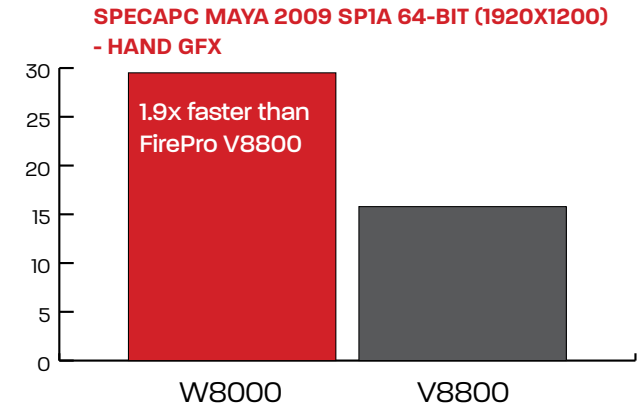
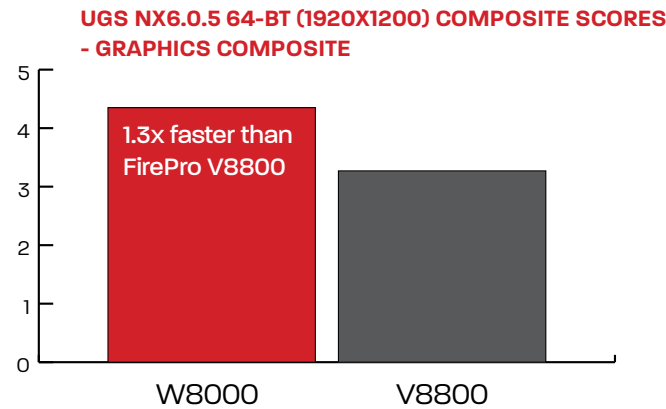
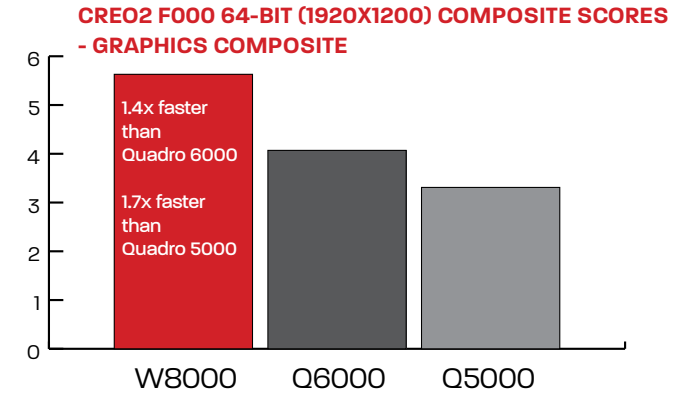
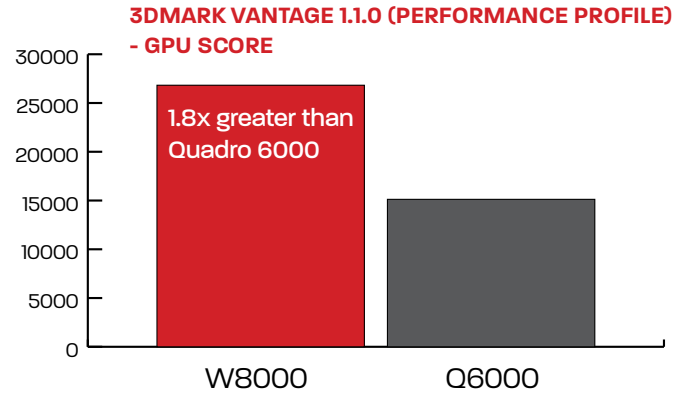
GRAPHICS PERFORMANCE BENCHMARKING OF THE NEW AMD FIREPRO W8000 PROFESSIONAL GRAPHICS CARD



CATEGORY LEADING COMPUTE PERFORMANCE

Specifications

- 4GB GDDR5 memory (176 GB/s)
- Render Performance: Up to 1.8 billion triangles per second
- Compute Performance: 3.23 TFLOP (single precision) and 806 GFLOPs (double precision)
- DirectX® 11.1, OpenGL® 4.2 and OpenCL™ 1.1

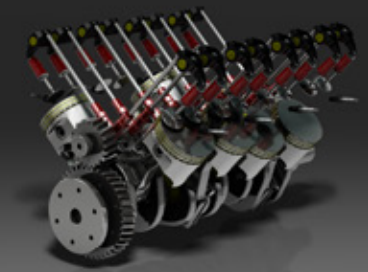


Based on AMD internal benchmarking performance as of July 17, 2012. System Configuration: HP Z400 W3680 @ 3.33GHz 16GB RAM
Windows 7 64-bit SP1 Driver: AMD 8.982.3 | nVidia 296.88



AMD FIREPRO™ PROFESSIONAL GRAPHICS FOR CAD AND DCC

Certified and optimized for performance and reliability



NEW AND UNIQUE FEATURES

GeometryBoost:

Helps ensure smooth handling of complex, highly tessellated models.

AMD PowerTune:

Optimizes power usage in real-time based on current workflow demands.

AMD ZeroCore Power Technology

Exceptional idle power reduction by shutting down GPU.

AMD Eyefinity:

Run up to 6 monitors from a single graphics card, boosting productivity by viewing entire workflows.

CAD AND DCC CERTIFIED

AMD FirePro professional graphics are optimised and certified for many leading CAD and DCC applications.

A rigorous certification processes conducted by ISVs and OEMs test AMD FirePro™ graphics against a battery of simulations and real-world scenarios to ensure their readiness for demanding professional use.

Applications include:

- AutoCAD
- Siemens NX
- Maya
- Inventor
- CATIA
- PTC Creo 2.0
- SolidWorks
- 3ds Max
- and many more

For a complete list of certified applications please visit:

<http://support.amd.com/us/gpudownload/fire/certified/Pages/certified-applications.aspx>

NEW AMD FIREPRO GRAPHICS CARDS



← AMD FirePro W7000

High-end graphics performance and broad feature set with AMD Eyefinity for 4 displays.



← AMD FirePro W5000

Mid-range graphics card delivers the perfect balance of power, performance, reliability and price.



← AMD FirePro V4900

Outstanding performance and reliability for professionals who work with small to medium models.



← AMD FirePro V3900

Low-profile card with 1GB of memory and AMD Eyefinity for moderately complex designs.

Model	Display					Performance								Features												
	Maximum resolution per display output	DVI-I	DisplayPort	No. of display outputs	Compute Performance		Rendering Performance Triang. rate (billion tri/s)	Stream Processors	Memory	ECC	Memory Bandwidth (GB/s)	Maximum Power	OS - 32bit & 64bit support	AMD CrossFire Pro	OpenCL	OpenGL	DirectX	Shader Model	GeometryBoost	AMD PowerTune	AMD ZeroCore Power	3D Stereoscopic	FrameLock/ Genlock	Warranty		
					Single Precision (GFLOPS)	Double Precision (GFLOPS)																				
Newest	FirePro W9000	4096x2160	N/A**	6 x 1.2	6	3990	1000	1.95	2048	6GB GDDR5	Yes	264	274w	Windows 7 Windows Vista Windows XP Linux	●	1.1	4.2	11.1	5	●	●	●	●	●	●	3yr
	FirePro W8000	4096x2160	N/A**	4 x 1.2	4	3230	806	1.80	1792	4GB GDDR5	Yes	176	189w*		●	1.1	4.2	11.1	5	●	●	●	●	●	●	3yr
	FirePro W7000	4096x2160	N/A**	4 x 1.2	4	2400	152	1.85	1280	4GB GDDR5	No	154	<150w		●	1.1	4.2	11.1	5	●	●	●	●	●	●	3yr
	FirePro W5000	4096x2160	1	2 x 1.2	3	1270	80	1.65	768	2GB GDDR5	No	103	<75w		●	1.1	4.2	11.1	5	●	●	●	●	●	●	3yr
High end	FirePro V7900	2560x1600	N/A**	4 x 1.2	4	1860	464	1.45	1280	2GB GDDR5	No	160	143w	Windows 7 Windows Vista Windows Xp Linux	●	1.1	4.2	11	5	●	●		●	●		3yr
Mid-range	FirePro V5900	2560x1600	1	2 x 1.2	3	610	154	1.20	512	2GB GDDR5	No	64	75w		●	1.1	4.2	11	5	●	●					3yr
Entry Level	FirePro V4900	2560x1600	1	2 x 1.2	3	768	n/a	0.80	480	1GB GDDR5	No	64	75w			1.1	4.2	11	5							3yr
	FirePro V3900	2560x1600	1	1 x 1.2	2	624	n/a	0.65	400	1GB GDDR3	No	28.8	50w			1.1	4.2	11	5							3yr

For more info visit www.amd.com/firepronextgen

* Actual powered measured in worst case scenario
** DVI-D via Adapter