

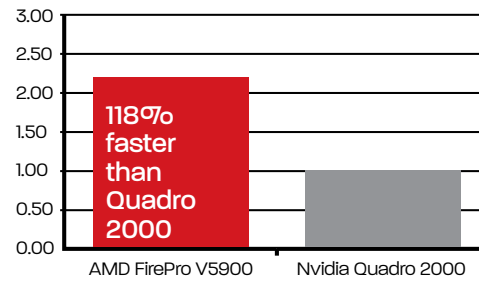


# AMD FIREPRO™ V5900 PROFESSIONAL GRAPHICS CAD Benchmarking



## GRAPHICAL PERFORMANCE BENCHMARKING OF THE NEW AMD FIREPRO V5900 PROFESSIONAL GRAPHICS CARD.

### SPECAPC UGS NX4 GRAPHICS COMPOSITE



SPECapc UGS NX4 Graphics Composite Benchmark (overall timed score - measured as % faster, Quadro 2000 score normalized to 100%, higher score better)

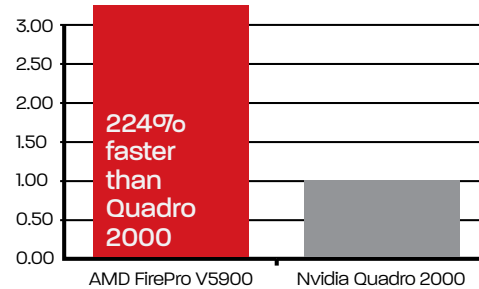


### THE PERFECT BALANCE

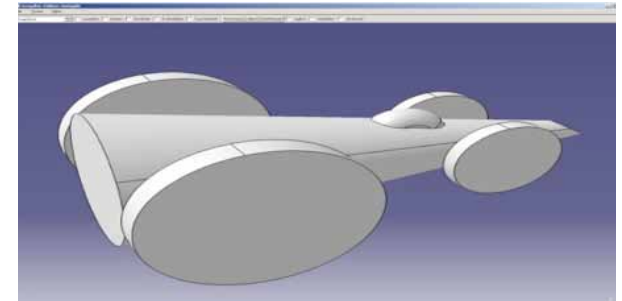
First graphics card in its class with 2 GB memory and AMD Eyefinity for 3 displays

- 2GB GDDR5 memory (64 GB/s)
- 512 Stream Processors
- DirectX® 11 and OpenGL® 4.2 support
- 2 x DisplayPort 1.2, 1 x DVI outputs
- GeometryBoost
- AMD PowerTune

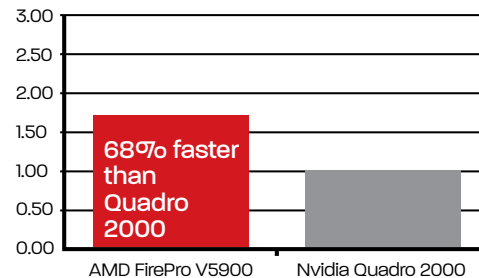
### CATIA CATBENCH INTERNAL 64-BIT R19SP2 COMPLEXMODEL1, SHADED



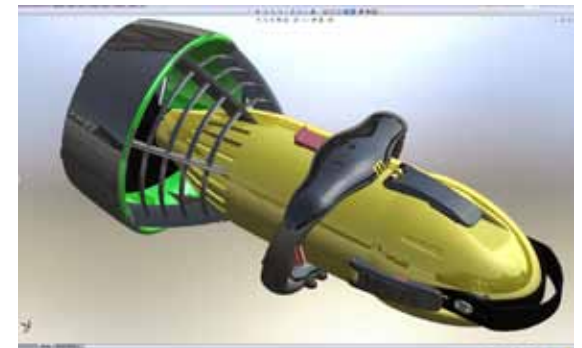
CATIA Catbench Internal 64-bit R19SP2 ComplexModel1, shaded (overall timed score - measured as % faster, Quadro 2000 score normalized to 100%, higher score better)



### SOLIDWORKS 2011 SP3 (INTERNAL BENCHMARK) EXPLORER MODEL, SHADED



Solidworks 2011 SP3 (internal benchmark) Explorer model (frames per second, Higher is better)



All benchmarks conducted on : System config: HP Z400, W3680 @ 3.33, 16GB DDR3 RAM, Win7 64-bit SP1 ATI driver: 8.88 beta ; Nvidia driver 275.65 - 3dsmax2011 defDX driver used for Q400, Q600, Q2000 since performance driver failed



# NEXT GENERATION OF AMD FIREPRO™ WORKSTATION GRAPHICS

## Optimized for CAD/CAM/CAE

### WHY AMD FIREPRO™ GRAPHICS?

- Designed and built by AMD for outstanding reliability and performance
- Leading edge technology with comprehensive ISV certification
- Free unified drivers deliver advanced levels of graphics stability
- Open standard support (Microsoft® DirectX® 11, OpenGL® 4.2, OpenCL™ 1.1)
- Every FirePro graphics comes with the highest levels of customer support

### NEW AMD FIREPRO™ GRAPHICS CARDS

#### AMD FirePro™ V3900

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



#### AMD FirePro™ V4900

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



#### AMD FirePro™ V5900

First graphics card in its class with 2 GB memory and AMD Eyefinity for 3 displays



#### AMD FirePro™ V7900

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



### NEW AND UNIQUE FEATURES

**GeometryBoost Technology:**  
Helps ensure smooth handling of complex, highly tessellated models

**AMD PowerTune Technology:**  
Optimizes power usage in real-time based on current workflow demands

**AMD Eyefinity Technology:**  
Run up to 4 monitors from a single graphics card, boosting productivity by viewing entire workflows.

**AMD CrossFire™ Pro:**  
Harness the power of two GPU's with a an easy to install flex cable connector.

### OPTIMIZED AND CERTIFIED BY MAJOR CAD AND DCC VENDORS

A rigorous and exacting certification process, conducted by software vendors, puts AMD FirePro™ professional graphics up against a series of simulations and real-world scenarios, ensuring compatibility and stability required by professionals.

**AMD FirePro professional graphics are certified for:**

- Engineering and Design (CAD/CAE/AEC)
- Digital Content Creation (DCC) & Digital Media
- Geographical Information Systems (GIS) & Visualization
- Life Sciences
- Oil & Gas



Graphics Card	Display			Performance				Features									
	Dual-link DVI	DisplayPort 1.2	Maximum Display resolution @60Hz	AMD Eyefinity	Stream Processors	Memory	Memory Bandwidth (GB/s)	AMD CrossFire Pro	GeometryBoost	AMD PowerTune	OpenCL	OpenGL	DirectX	Shader Model	3D Stereoscopic	FrameLock/ Genlock	Warranty
AMD FirePro™ V3900	x1	x1	2560 x 1600	x2	480	1GB	28.8	●			1.1	4.2	11	5.0			3yr
AMD FirePro™ V4900	x1	x2	2560 x 1600	x3	480	1GB	64	●			1.1	4.2	11	5.0			3yr
AMD FirePro™ V5900	x1	x2	2560 x 1600	x3	512	2GB	64	●	●	●	1.1	4.2	11	5.0			3yr
AMD FirePro™ V7900		x4	2560 x 1600	x4	1280	2GB	160	●	●	●	1.1	4.2	11	5.0	●	●	3yr

