



AMD FIREPRO™ W5000 PROFESSIONAL GRAPHICS.

Benchmarking Results.



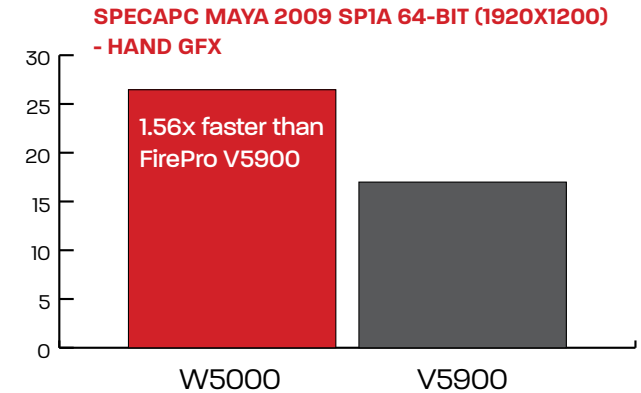
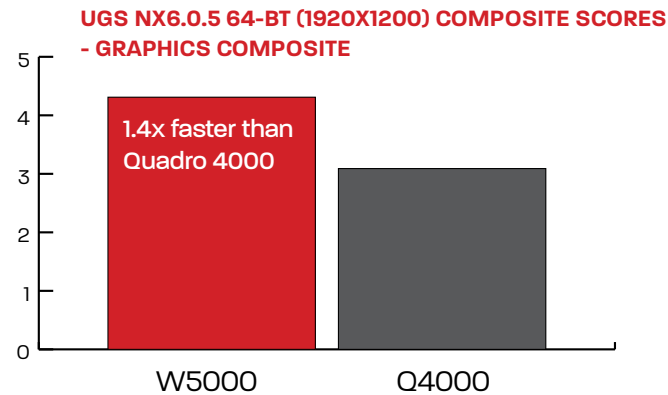
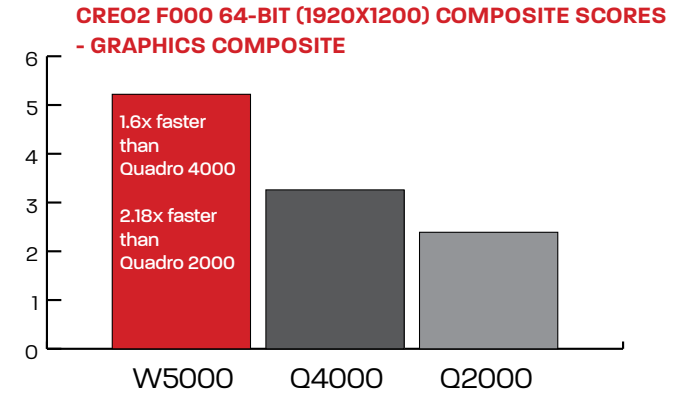
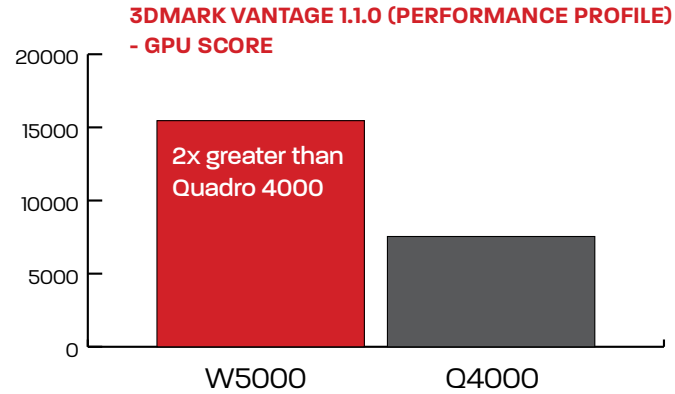
GRAPHICS PERFORMANCE BENCHMARKING OF THE NEW AMD FIREPRO W5000 PROFESSIONAL GRAPHICS CARD



THE MOST POWERFUL MID-RANGE WORKSTATION GRAPHICS CARD EVER CREATED

Specifications

- 2GB GDDR5 memory (102.4 GB/s)
- Render Performance: Up to 1.65 billion triangles per second
- Compute Performance: 1.27 TFLOPS (single-precision)
- DirectX® 11.1, OpenGL® 4.2 and OpenCL 1.1
- 2 x DisplayPort, 1 x DVI outputs

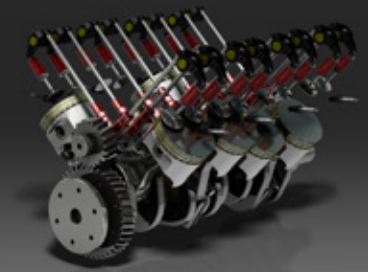


Based on AMD internal benchmarking performance as of July 17, 2012. System Configuration: HP Z400 W3680 @ 3.33GHz 16GB RAM
Windows 7 64-bit SP1 Driver: AMD 8.982.3 | nVidia 296.88



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 performance and broad feature set with AMD Eyefinity for 4 displays. 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 Tri/rate (Billion Tris/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