



ATI FirePro™ V4800 Professional Graphics



Command Your Creations



- **Outstanding performance for the 3D entry segment**
- **1.25x more computing capability over prior generation⁵**
- **Support both dual-link DVI and DisplayPort connectivity**
- **ATI Eyefinity technology support³**
- **Drive up to 3 independent 30" displays²**
- **1GB GDDR5 memory**
- **Scalable ultra parallel processing architecture with 400 stream processors**
- **AutoDetect instinctively optimizes performance for multi-application workflow**
- **Hardware acceleration of DirectX® 11 & OpenGL® 4.1 advanced features**
- **Optimized and certified for many CAD and DCC applications**
- **PCI Express® 2.1 compliant**

Professional graphics card with blazing fast performance at consumer-level pricing

Introducing the ATI FirePro™ V4800 professional graphics from AMD. This entry-level workstation solution with 1GB of GDDR5 frame buffer memory is ideally suited for entry-level CAD users who work with larger models for complex and large data sets plus a 30-bit display pipeline¹ for accurate color reproduction and superior visual quality.

Based on a new generation GPU with 400 stream processors, the ATI FirePro™ V4800 ultra parallel processing architecture optimizes throughput by automatically directing graphics horsepower where it's needed. Intelligent management of computational resources allows enhanced utilization of the GPU to enable real-time rendering of complex models and scenes while enabling increased frame rates when animating.

The ATI FirePro™ V4800 features three independent outputs² with ATI Eyefinity technology support³, enabling improved productivity at a low acquisition and operating cost. In addition, with native multi-card support, users can see more and do more using six displays being driven by two ATI FirePro™ V4800 products in the same workstation.⁴

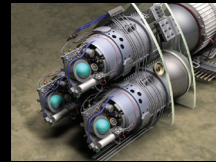
ATI FirePro™ workstation graphics cards are thoroughly tested and certified with major Computer Aided Design (CAD) and Digital Content Creation (DCC) applications, ensuring a level of reliability not found in consumer graphics products.

Innovation and Reliability from AMD

ATI FirePro™ professional graphics cards have been engineered to deliver innovation and reliability for a wide range of professional operating environments, including Windows® 7, Windows® XP, Windows Vista® and Linux®. The unified driver, which supports all ATI FirePro™ professional graphics, helps reduce the total cost of ownership by simplifying installation, deployment and maintenance.

In addition, ATI FirePro™ professional graphics incorporate a unique AutoDetect technology. As users open new 3D applications, or move between them, ATI FirePro™ graphics driver settings are automatically configured for optimized performance, no matter what the user's workflow demands.





ATI FirePro™ V4800

Professional Graphics

Features	Benefits
ATI Eyefinity Technology	Advanced multi-display technology delivering the most immersive graphics/computing experience with innovative display capabilities supporting massive desktop workspaces ²
AutoDetect Technology	As a user moves between applications, or opens new ones, the graphics driver settings are automatically configured for optimized performance
Full 30-bit Display Pipeline	Enables more color values than 24-bit products for more accurate color reproduction and superior visual fidelity ¹
Multi-View Display	With two DisplayPort outputs and one dual-DVI output, Multi-View enables up to six displays with independent display resolution, refresh rate, and display rotation settings
Full Shader Model 5.0 Support	Create more complex geometry and scenes without taxing the CPU
Certification	There is a high level of assurance when purchasing a configuration that is reliable and provides the performance necessary for professional 3D graphics needs
DirectX® 11 and OpenGL® 4.1 Advanced Features	Great performance, scalability and reliability
OpenCL™ 1.1	Industry standard API - Open, multiplatform development platform for enabling broad adoption of heterogeneous computing ³

Ordering Information	
Retail SKU	
Part Number	100-505606
UPC Code	72749415163
Retail Package Weight	1.50 lbs (0.68 Kg)
Retail Package Dimensions	11.5x9.5x2.87in(29.21x24.13x7.30cm)

¹ Thirty-bit monitor required for full 30-bit display.

² Each ATI FirePro™ V4800 graphics card supports up to three independent displays using one DisplayPort connector and one dual-link DVI connector (cables not included).

³ ATI Eyefinity technology can support multiple displays using a single enabled ATI FirePro™ professional graphics card; the number of supported displays varies by card model. Microsoft® Windows® 7, Windows Vista®, or Linux® is required in order to support more than 2 displays. Depending on the card model, native DisplayPort connectors and/or certified DisplayPort active or passive adapters to convert your monitor's native input to your card's DisplayPort or Mini-DisplayPort connector(s) may be required. See www.amd.com/firepro for details.

⁴ Specific power, chassis, space, connector and resource requirements may apply. Check with system manufacturer to see if dual cards are supported.

⁵ Based on 400 stream processors for ATI FirePro™ V4800 vs. 320 stream processors for ATI Fire™ Pro V3750.

⁶ OpenCL™ compliant driver and SDK release scheduled in 2010.

⁷ Only one single link DVI connector is included, additional DVI require adapters (one single link DVI included, dual linked DVI sold separately).

⁸ Toll free hotline available in North America.

⁹ Linux drivers can be downloaded from amd.com

ATI FirePro™ Product Details

Features
400 Stream cores
Full Shader Model 5.0 support
Hardware Tessellation support
ATI Eyefinity technology ³
OpenCL™ 1.1 support - Enabling Broad Adoption of Heterogeneous Computing ⁶
1GB GDDR5 graphics memory
Full 30-bit precision display pipeline ¹
PCI Express® 2.1 compliant

System Requirements

PCI Express® 2.1 x16
350-Watt power supply or greater
512MB of system memory
Installation software requires CD-ROM drive

Display Capabilities

DisplayPort outputs
Dual Link DVI display support ⁷
Independent multi-monitor resolution and refresh rate selection
VGA analog support

Warranty and Support

Three year limited product repair/replacement warranty
Direct toll free phone and email access to dedicated workstation technical support team ⁸
Advanced parts replacement option

API and OS Support

OpenGL® 4.1 with OpenGL™ Shading Language 5.0
Microsoft® DirectX® 11
Windows® 7, Windows® XP, Windows Vista™
Linux® 32 and Linux 64 ⁹



For more information, visit www.amd.com/firepro