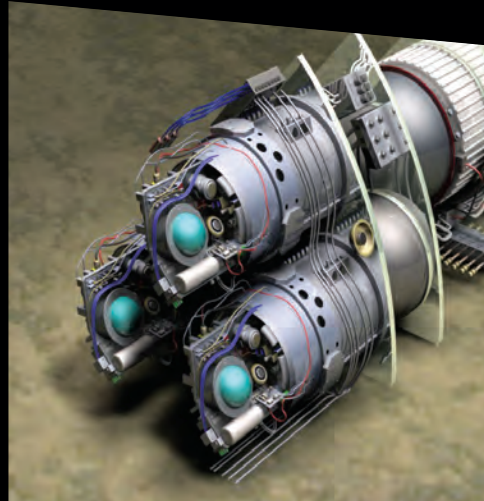




ATI FirePro™ 3D Graphics

Workstation Graphics Accelerators

Dominate Your Design™





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Image courtesy of Taylor James

Dominate Your Design™

A New Generation of High Performance Workstation Graphics Accelerators

Introducing the new ATI FirePro™ 3D workstation graphics accelerators from AMD. ATI's new generation of 3D professional graphics cards encompasses desktop and mobile workstation products offering a complete top-to-bottom, enterprise-wide solution. The ATI FirePro™ 3D products are designed specifically for professional digital content creation (DCC) and computer aided design (CAD) users.

The new ATI FirePro™ 3D workstation graphics accelerators combine the latest ATI OpenGL optimized driver with the award-winning ATI graphics technology, delivering a new level of performance and reliability for professional 3D graphics users. The ATI FirePro™ 3D products are ideal for CAD, DCC and simulation markets, providing industry leading features and price performance.

Based on the next generation unified shaders architecture with up to 320 processors in the graphics processing unit (GPU), these accelerators maximize throughput by automatically directing graphics horsepower where needed. Intelligent management of computational resources enables enhanced utilization of the GPU to allow real-time rendering of complex models and scenes while increasing frame rates during animation. Working in conjunction with software partners, ATI FirePro 3D graphics accelerators are thoroughly tested and certified with many major CAD and DCC applications, ensuring a level of reliability not found in consumer products.



Innovation and Reliability from a Technology Leader

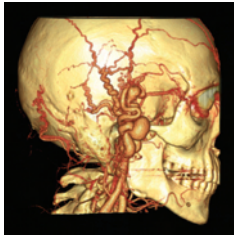
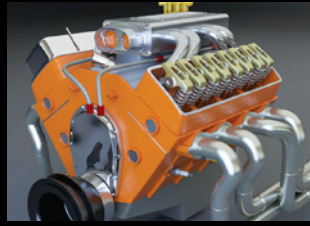
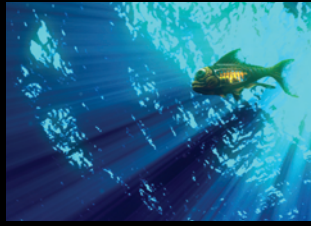
The ATI FirePro 3D graphic accelerators have been engineered to deliver innovation and reliability for a wide range of professional operating environments, including Windows XP, Windows Vista and Linux. The unified driver, which supports all ATI workstation graphics products, helps reduce the total cost of ownership by simplifying installation, deployment and maintenance. In addition, these workstation graphics products incorporate AMD's unique AutoDetect technology. As users open new 3D applications, or move between them, optimized ATI graphics driver settings are automatically configured for maximum performance no matter what the workflow. To further leverage your graphics card investment, stream computing applications can take advantage of the massive parallel processing capability of the GPU for computer intensive tasks such as physics, simulation, structural analysis and fluid dynamics.

Unprecedented Visual Fidelity with a Full 30-bit Display Pipeline (10-bit per RGB component)

Designed with a 30-bit display pipeline and support for High Dynamic Range (HDR) output, ATI FirePro 3D professional graphics accelerators can produce over one billion colors for the most vibrant visual fidelity. Featuring multiple Dual Link enabled DVI outputs or multiple DisplayPort outputs and a single Dual Link enabled DVI output, each ATI FirePro 3D graphics accelerator is capable of generating a multimonitor desktop of over 5000 pixels wide offering a broad range of display capabilities. Featuring native multi-card support, users can see more and do more with as many as four displays being driven by two FirePro 3D cards in the same workstation. HD component output as well as quad buffered stereoscopic 3D output are available on high-end and ultra high-end models offering added levels of realism for specialty applications.

Continuing the Tradition

The new ATI FirePro™ 3D workstation graphics accelerators along with those in the current ATI FireGL™ family offer options ranging from the industry's first 2GB frame buffer at the ultra high-end, to the full-featured 256MB entry-level solutions. Together, they deliver blistering performance with many leading software applications.













More Power, Memory, Stability, and Flexibility
ATI FirePro™ and FireGL™ professional graphics accelerators range from 256 MB all the way up to 2 GB of dedicated on-board memory to enable maximum productivity and unprecedented performance. To provide added flexibility, multicard support is available enabling two ATI graphics accelerators to drive up to four accelerated 3D displays from a single workstation.



All next generation ATI FirePro and FireGL graphics cards deliver accelerated performance for applications based on OpenGL and DirectX 10 with full support for Shader Model 4.

3D Workstation Graphics Accelerators from AMD

	<p>FireGL™ V3600—Raising the Bar in Entry Level Workstation Graphics</p> <ul style="list-style-type: none"> → Next generation GPU with 120 unified shader processors → 256MB Memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays
	<p>FirePRO™ V3700—Workstation Quality and Performance, consumer pricing</p> <ul style="list-style-type: none"> → Next generation GPU with 40 unified shader processors → 256MB graphics memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays
	<p>FirePRO™ V3750—Workstation Quality and Performance, entry pricing</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 256MB graphics memory → 2 DisplayPort/Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays
	<p>FireGL™ V5600—Innovation Accelerating Application Performance at the Mid Range</p> <ul style="list-style-type: none"> → Next generation GPU with 120 unified shader processors → 512MB Memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays
	<p>FirePRO™ V5700—Accelerating Application Performance at the Mid Range</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 512MB Memory → 2 DisplayPort and 1 Dual Link enabled DVI Outputs → HD component video output → Multi-Card Support Drives Up To Four 3D Displays
	<p>FireGL™ V7600—Innovation Maximizing Productivity at the High End</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 512MB Memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays → HD component video output → Stereoscopic 3D support
	<p>FireGL™ V7700—Superior High-end workstations Graphics Performance</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 512MB Memory → 1 DisplayPort and 1 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays → HD component video output → Stereoscopic 3D support
	<p>FireGL™ V8600—Acceleration for Complex Datasets, Models and Scenes</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 1GB Memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support Drives Up To Four 3D Displays → HD component video output → Stereoscopic 3D support
	<p>FireGL™ V8650—Industry's First 2GB Graphics Accelerator Card</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 2GB Memory → 2 Dual Link enabled DVI Outputs → Multi-Card Support For Up To Four 3D Displays → HD component video output → Stereoscopic 3D support
	<p>FirePRO™ V8700—Industry's highest performance for CAD and DCC</p> <ul style="list-style-type: none"> → Ultra high-end 3D offering with industry highest (800) shader units → 1GB GDDR5 graphics memory → 2 Display Ports and One Dual Link DVI output → Multi-Card Support Drives Up to Four 3D Displays → HD Component Video Output → Stereoscopic 3D support



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Workstation Graphics Accelerators

Maximizing Productivity

Features	Benefits
Unified Shader Architecture	Intelligent management of computation resources enables real-time rendering of more complex and realistic images
AutoDetect Technology	As a user moves between applications, or opens new ones, the graphics driver settings are automatically configured for maximum performance
Full 30-bit Display Pipeline	Full 30-bit display pipeline producing more than one billion colors. (10-bit per RGB component) for more accurate color reproduction and superior visual fidelity ¹
High Dynamic Range (HDR) Rendering	Up to 16-Bit per RGB color component enables a wide spectrum of color creating natural lighting and shading effects
Multi-View Display	With Dual Link DVI and DisplayPort outputs, Multi-View enables two 3D displays with independent display resolution, refresh rate, and display rotation settings
Full Shader Model 4.1 Support	Allows the user to create complex geometry and scenes without taxing the CPU
Certification	There is a high level of assurance when purchasing a configuration that is reliable, which provides the performance necessary for professional 2D or 3D graphic needs, and which includes integrated AMD expert support ²
DirectX 10.1 and OpenGL 2.1 Advanced Features	Great performance, scalability and reliability

For more information, please visit ati.amd.com/FirePro

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

²Some conditions apply. Visit this link for details: <http://support.ati.com/cs/support/default.asp?deptID=894>



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ATI Professional Graphics from AMD

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