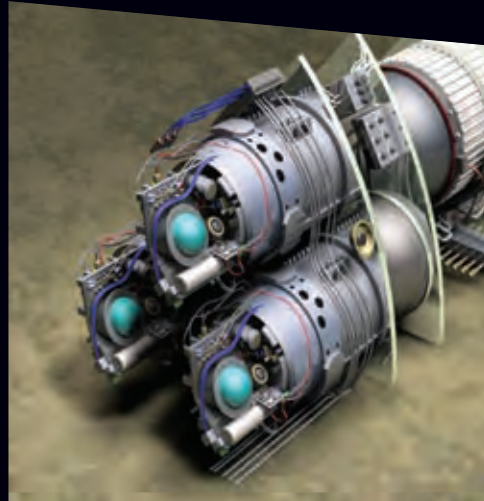




ATI FirePro™ Graphics

Workstation Graphics Accelerators

Accelerate Your Creativity





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Image courtesy of Taylor James

Accelerate Your Creativity

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.






All next generation ATI FirePro™ graphics cards deliver accelerated performance for applications based on OpenGL 3.0 and DirectX 10.1 with full support for Shader Model 4.

Based on the next generation unified shaders architecture with up to 800 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

ATI FirePro™ 3D Workstation Graphics Accelerators from AMD

Entry Level	Entry Level	Mid Range
		
<p align="center">ATI FirePro™ V3700</p>	<p align="center">ATI FirePro™ V3750</p>	<p align="center">ATI FirePro™ V5700</p>
<p>Workstation quality and performance, consumer pricing</p> <ul style="list-style-type: none"> → Next generation GPU with 40 unified shader processors → 256MB graphics memory → Two Dual Link enabled DVI outputs → Multi-card support drives up to four 3D displays 	<p>Workstation quality and performance, entry pricing</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 256MB graphics memory → Two DisplayPort and one Dual Link enabled DVI outputs → Multi-Card support drives up to four 3D displays 	<p>Accelerating application performance at the mid range</p> <ul style="list-style-type: none"> → Next generation GPU with 320 unified shader processors → 512MB graphics memory → Two DisplayPort and one Dual Link enabled DVI outputs → Multi-card support drives up to four 3D displays → HD component video output



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

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 pipeline¹ 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 two Dual Link enabled DVI outputs or two DisplayPort outputs and one Dual Link enabled DVI output, each ATI FirePro 3D graphics accelerator is capable of driving two displays and generating a multimonitor desktop 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 ATI FirePro™ 3D cards in the same workstation. HD component output as well as quad buffered stereoscopic 3D output are available on ultra high-end models offering added levels of realism for specialty applications.

Continuing the Tradition

The new ATI FirePro™ 3D workstation graphics accelerators, together with 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.

ATI FirePro™ Multi-View Accelerators			
High End	Ultra High End	Dual Output	Quad Output
			
ATI FirePro™ V7750	ATI FirePro™ V8700	ATI FirePro™ 2260	ATI FirePro™ 2450
1GB framebuffer in a single-slot low-power envelope → Next generation GPU with 320 unified shader processors → 1GB graphics memory → Dual Link DVI output → Two DisplayPort and one Dual Link enabled DVI Outputs → Multi-card support drives up to four 3D displays → HD component video output	Industry's highest performance for CAD and DCC → Next generation GPU with 800 unified shader processors → 1GB GDDR5 graphics memory → Two DisplayPort and One Dual Link DVI outputs → Multi-card support drives up to four 3D displays → HD component video output → Stereoscopic 3D support	Dual Display Accelerator for corporations and financials → Dual DisplayPort outputs for driving multiple 2560x1600 widescreen monitors → 256MB graphics memory → Supports Dual DVI (single link) → Low profile design fits both low profile and full height systems → Low power consumption, passive cooling	Multi-View Accelerator for true enterprise multi-display use → Quad output supports both DVI and VGA → 512MB graphics memory → Flexible output configurations capable of driving up to four ultra high resolution monitors → Combined, drives up to ten individual displays → Low profile, half-length design allows deployment in virtually any system



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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 includes integrated AMD expert support ²
DirectX 10.1 and OpenGL 3.0 Advanced Features	Great performance, scalability and reliability

For more information, please visit ati.amd.com/FirePro
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 Advanced Micro Devices, Inc.
 One AMD Place P.O. Box 3453
 Sunnyvale, California 94088
ati.amd.com/FirePro

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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