AMD FIREPRO™ PROFESSIONAL GRAPHICS

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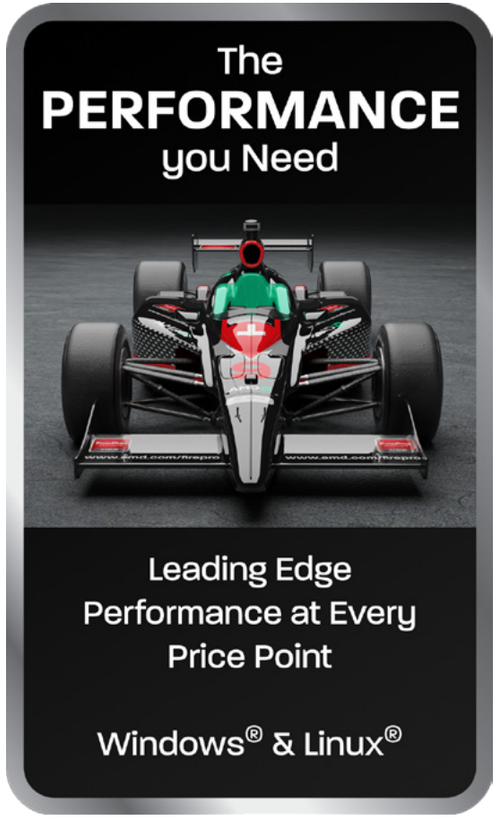
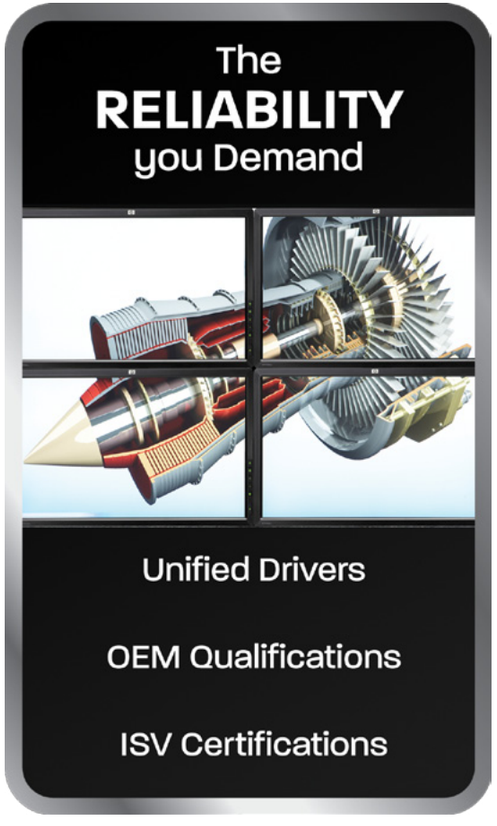
Welcome to the AMD FirePro™ Professional Graphics digital catalog. Whether you are looking for the kind of graphics performance to manage the most demanding applications or want to increase your productivity with cutting-edge technology such as the AMD Eyefinity Multi-Display Technology, AMD FirePro Professional Graphics provide exceptional solutions to address your specific needs.

AMD FirePro™ Professional Graphics Cards provide:





AMD FirePro™ V9800P

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AMD's most powerful multifunctional server solution for Compute, Professional Graphics and VDI.

V9800P professional graphics offer the same features and benefits as the ATI FirePro™ V9800 in a passively cooled form factor ideal for server environments. Coupled with a single unified driver, AMD FirePro™ V9800P graphics cards offer IT a flexible and scalable solution capable of supporting Remote Graphics and Virtual Desktop Infrastructure (VDI) deployments, rendering farms, High Performance Computing implementations, and traditional professional graphics applications for CAD/CAE and Digital Content Creation (DCC).

Features

- Passively Cooled
- Support Up To 22 Virtual Machines Running Common Office Applications
- 528 GFLOPS of Double Precision / 2.64 TFLOPS Single Precision Floating Point Performance
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support[13]
- PCI Express® 2.1 Compliant
- OS Support: Microsoft Windows Server® 2008 R2 SP1, Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●○○	Ideal for:	*Virtual Desktop Infrastructure (VDI) deployments, Rendering Farms, High Performance, Computing implementations.*
Performance:	●●●●●		
Features:	●●●●○		
Range:	*Ultra High*		

Specifications

Memory	4GB GDDR5
Stream Processors	1600
Memory Interface	256-bit
Bandwidth (GB/s)	147.2
Display Outputs	1 x DisplayPort
Max Power	<225 W
System Slots Needed	2
Form Factor	Full Height / Full Length

→ Shop and compare

ATI FirePro™ V9800

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For professionals who require the ultimate computational power and performance for multi-display visualization of large and complex datasets.

The ultimate performance and scalability while supporting up to 6 displays for an immersive visualization of large and complex datasets. With AMD Eyefinity Multi-Display Technology, drive up to 6 monitors simultaneously from 1 GPU.

Features

- AMD Eyefinity Multi-Display Technology[1]
- AutoDetect Technology
- Full 30-bit Display Pipeline[2]
- Full Shader Model 5.0 Support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- Stereoscopic 3-pin[3]
- AMD CrossFire™ Pro Technology[4]
- Framelock / Genlock Support[5]
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

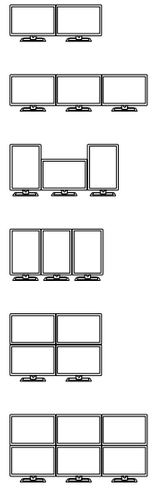
Energy Efficiency:	●●●○○	Range:	*Ultra High*
Performance:	●●●●●	Ideal for:	*Digital signage*
Features:	●●●●●		*Video walls*
			CAD/DCC/CAE

Specifications

Memory	4GB GDDR5
Stream Processors	1600
Memory Interface	256-bit
Maximum Displays	6
Bandwidth (GB/s)	147.2
Display Outputs	6 x Mini DisplayPort
Display Connectors	1 x mini DisplayPort to DVI (dual-link) active adapter 5 x mini DisplayPort to DVI (single-link) active adpaters
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<225 W
System Slots Needed	2
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations



ATI FirePro™ V8800

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For professionals who work on complex models and visual effects and need to meet the needs of demanding visualization jobs.

Incredible workstation quality performance and unmatched multi-display capability in a single-slot solution.

Features

- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full 30-bit Display Pipeline
- Full Shader Model 5.0 Support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- Stereoscopic 3-pin
- AMD CrossFire™ Pro Technology
- Framelock / Genlock Support
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

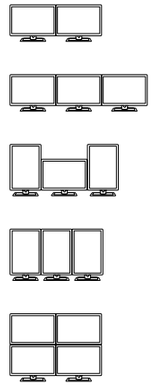
Energy Efficiency:	●●●○○	Range:	*High*
Performance:	●●●●●	Ideal for:	*Digital signage*
Features:	●●●●◐		*Video walls*
			CAD/DCC/CAE

Specifications

Memory	2GB GDDR5
Stream Processors	1600
Memory Interface	256-bit
Maximum Displays	4
Bandwidth (GB/s)	147.2
Display Outputs	4 x DisplayPort
Display Connectors	2 x DisplayPort to DVI (Single-Link) adapters
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<225 W
System Slots Needed	2
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations



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The Industry's Choice for GPU-Accelerated Video Pipelines

The First AMD FirePro™ GPU to support AMD SDI-Link

Features

- Support for AMD SDI-Link platform
- GeometryBoost Technology provides ultra-high geometry performance
- AMD PowerTune Technology dynamically optimizes GPU power use
- Full 30-bit Display Pipeline
- DisplayPort 1.2 Support
- Full Shader Model 5.0 Support
- Support for DirectX® 11 and OpenGL 4.2
- OpenCL™ 1.1 Support[13]
- PCI Express® 2.1
- Stereoscopic 3-pin mini-DIN (with included expansion bracket)
- AMD CrossFire™ Pro Technology
- Framelock / Genlock Support
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*High*
Performance:	●●●●●	Ideal for:	*Broadcast Graphics, Realtime Video production*
Features:	●●●●●		

Specifications

Memory	2GB GDDR5
Stream Processors	1280
Memory Interface	256-bit
Maximum Displays	4
Bandwidth (GB/s)	160.0
Display Outputs	4 x DisplayPort
Display Connectors	4 x DisplayPort to DVI (single-link) active adapters
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<150 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD FirePro™ V7900

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For professionals who work on complex models and visual effects and need to meet the needs of demanding visualization jobs.

Incredible workstation quality performance and unmatched multi-display capability in a single-slot solution.

Features

- GeometryBoost Technology provides ultra-high geometry performance
- AMD PowerTune Technology dynamically optimizes GPU power use
- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full 30-bit Display Pipeline
- DisplayPort 1.2 Support
- Full Shader Model 5.0 Support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.2
- OpenCL™ 1.1 Support[13]
- PCI Express® 2.1
- Stereoscopic 3-pin mini-DIN (with included expansion bracket)
- AMD CrossFire™ Pro Technology
- Framelock / Genlock Support
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*High*
Performance:	●●●●●	Ideal for:	*Digital signage*
Features:	●●●●●		*Video walls*
			Presentations

Specifications

Memory	2GB GDDR5
Stream Processors	1280
Memory Interface	256-bit
Maximum Displays	4
Bandwidth (GB/s)	160.0
Display Outputs	4 x DisplayPort
Display Connectors	4 x DisplayPort to DVI (single-link) active adapters
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<150 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations

ATI FirePro™ V7800

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Ultra-fast performance, superb visual quality and massively parallel power in a single slot, high-end card.

Superb visual quality and power than will blow through computationally or visually demanding applications.

Features

- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full 30-bit Display Pipeline
- Full Shader Model 5.0 Support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- Stereoscopic 3-pin mini-DIN
- AMD CrossFire™ Pro Technology
- Framelock / Genlock Support
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

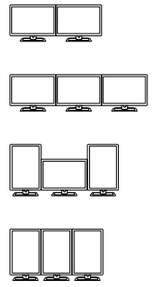
Energy Efficiency:	●●●●○	Range:	*High*
Performance:	●●●●○	Ideal for:	*CAD/DCC/CAE*
Features:	●●●●○		

Specifications

Memory	2GB GDDR5
Stream Processors	1440
Memory Interface	256-bit
Maximum Displays	3
Bandwidth (GB/s)	128
Display Outputs	2 x DisplayPort, 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (single-link) adapter 1 x DVI to VGA adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	138 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations



AMD FirePro™ V7800P

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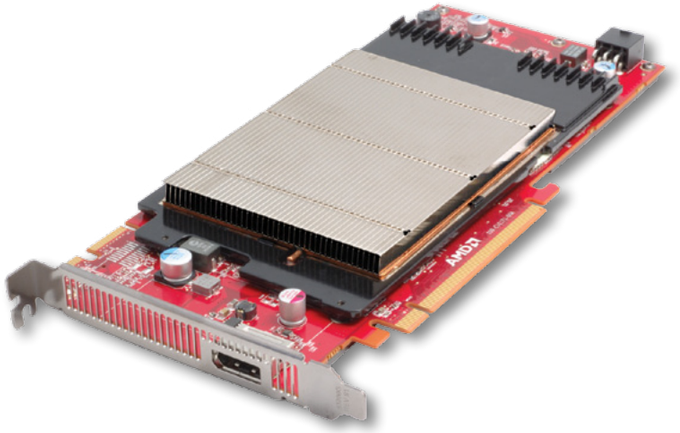
Specially designed for use in rackmount servers, blade servers and PCIe® expansion chassis.

Delivering ultra-fast performance, superb visual quality and massively parallel processing power, AMD FirePro™ V7800P Professional Graphics can help IT reduce operating costs and time spent on servicing individual systems, increase asset utilization density and secure critical data.

Features

- Passively Cooled
- AutoDetect Technology
- 400 GFLOPS of Double Precision / 2.0 TFLOPS Single Precision Floating Point Performance
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1 compliant
- OS Support: Microsoft Windows Server® 2008 R2 SP1, Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)



Overview

Energy Efficiency: ●●●●○ Range: *High*
Performance: ●●●●● Ideal for: *Virtual Desktop Infrastructure (VDI) deployments rendering farms and High Performance Computing implementations.*
Features: ●●●●○

Specifications

Memory	2GB GDDR5
Stream Processors	1440
Memory Interface	256-bit
Display Outputs	1 x DisplayPort
Max Power	138 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD FirePro™ V5900

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For professionals who work with a broad range of applications, medium to large data sets and advanced visual effects.

The perfect balance of performance and power in a single-slot solution.

Features

- GeometryBoost Technology provides ultra-high geometry performance
- AMD PowerTune Technology dynamically optimizes GPU power use
- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full 30-bit Display Pipeline
- DisplayPort 1.2 Support
- Full Shader Model 5.0 support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.2
- OpenCL™ 1.1 Support[13]
- PCI Express® 2.1
- AMD CrossFire™ Pro Technology
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Mid-range*
Performance:	●●●◐○	Ideal for:	*CAD/DCC/CAE*
Features:	●●●◐○		

Specifications

Memory	2GB GDDR5
Stream Processors	512
Memory Interface	256-bit
Maximum Displays	3
Bandwidth (GB/s)	64.0
Display Outputs	2 x DisplayPort, 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (single-link) active adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<75 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations

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A perfect balance of price and performance in a single slot, mid-range card for professionals who work with a broad range of applications and medium to large data sets.

Advanced GPU processing power and image quality.

Features

- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full 30-bit Display Pipeline
- Full Shader Model 5.0 support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- AMD CrossFire™ Pro Technology
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Mid-range*
Performance:	●●●○○	Ideal for:	*CAD/DCC/CAE*
Features:	●●●◐○		

Specifications

Memory	1GB GDDR5
Stream Processors	800
Memory Interface	128-bit
Maximum Displays	3
Bandwidth (GB/s)	64
Display Outputs	2 x DisplayPort, 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (single-link) adapter 1 x DVI to VGA adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<75 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD Eyefinity Configurations

ATI FirePro™ V5800 DVI

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

For professionals who need two large high resolution displays but don't require DisplayPort-enabled displays.

Many medical imaging, CAD and DCC professionals today are working across two displays. They could be viewing and interacting with data from one or more applications on one display, and animating a scene, manipulating a model or viewing MRI scans on the other. The ATI FirePro™ V5800 DVI helps enable the application and graphics performance these professionals need to get the job done.

Features

- Drive up to two 5 megapixel displays
- Two independent Dual-link DVI outputs
- Full 30-bit precision display pipeline requires 30-bit display
- Full 10 and 12 bit grayscale output
- High Dynamic Range (HDR) rendering with 8-,10- and 16 bit per RGB color component support
- AutoDetect Technology
- Full 30-bit Display Pipeline
- Full Shader Model 5.0 support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Mid-range*
Performance:	●●●○○	Ideal for:	*Medical CAD/CAE/DCC*
Features:	●●●○○		

Specifications

Memory	1GB GDDR5
Stream Processors	800
Memory Interface	128-bit
Maximum Displays	2
Bandwidth (GB/s)	64
Display Outputs	2 Dual-Link DVI
Max Resolution	2560 x 2048 @ 60Hz
Max Power	<75 W
System Slots Needed	1
Form Factor	Full Height / Full Length

→ Shop and compare

AMD FirePro™ V4900

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

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

Professional Graphics with 1GB of memory, 480 stream processors, and support for up to three monitors simultaneously from 1 GPU.

Features

- AMD Eyefinity Multi-Display Technology
- DisplayPort™ 1.2 support
- AutoDetect Technology
- Full Shader Model 5.0 support
- Full 30-bit Display Pipeline
- Optimized and certified for many major CAD and DCC applications
- Support for DirectX® 11 and OpenGL 4.2
- OpenCL™ 1.1 support
- PCI Express® 2.1
- Efficient design delivers outstanding performance at low profile power usage
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Entry*
Performance:	●●●○○	Ideal for:	*CAD/DCC/CAE*
Features:	●●●○○		

Specifications

Memory	1GB GDDR5
Stream Processors	480
Memory Interface	128-bit
Maximum Displays	3
Bandwidth (GB/s)	64
Display Outputs	2 x DisplayPort 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (Dual-link) adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<75 W
System Slots Needed	1
Form Factor	Full Height / Half Length

→ Shop and compare

AMD Eyefinity Configurations

ATI FirePro™ V4800

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

For professionals who work with small to medium models in fast-paced production environments.

Professional graphics card with 1GB of memory and blazing fast performance at consumer-level pricing. Supports AMD Eyefinity Multi-Display Technology and drives up to three monitors simultaneously from 1 GPU.

Features

- AMD Eyefinity Multi-Display Technology
- AutoDetect Technology
- Full Shader Model 5.0 support
- Full 30-bit Display Pipeline
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- AMD CrossFire™ Pro Technology
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

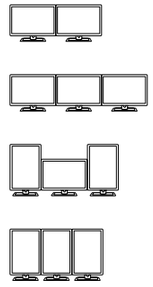
Energy Efficiency:	●●●●●	Range:	*Entry*
Performance:	●●●○○	Ideal for:	*CAD/DCC/CAE*
Features:	●●●○○		

Specifications

Memory	1GB GDDR5
Stream Processors	400
Memory Interface	128-bit
Maximum Displays	3
Bandwidth (GB/s)	57.6
Display Outputs	2 x DisplayPort 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (single-link) adapter
Max Resolution	2560 x 1600 @ 60Hz
VGA Analogue Support	Yes
Max Power	<70 W
System Slots Needed	1
Form Factor	Full Height / Half Length

→ Shop and compare

AMD Eyefinity Configurations



AMD FirePro™ V3900

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Delivering Unbeaten Workstation-class Experiences at an Entry Level Price Point

Ideal entry-level professional graphics card at a great price - excellent for small form factors.

Features

- Supports up to 5 (five) Displays for up to 9600x1080 desktop resolution
- Officially certified and optimized for many CAD and M&E applications
- DisplayPort 1.2 Support
- AutoDetect Technology
- Full Shader Model 5.0 support
- Full 30-bit Display Pipeline
- Support for DirectX® 11 and OpenGL 4.2
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Entry*
Performance:	●●○○○	Ideal for:	*2D, simple to moderately complex CAD & 3D, video*
Features:	●●●○○		

Specifications

Memory	1GB DDR3
Stream Processors	480
Memory Interface	128-bit
Maximum Displays	2 (5 with DisplayPort™ 1.2)
Bandwidth (GB/s)	28.8
Display Outputs	1 x DisplayPort, 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (Single-link) adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<50 W
System Slots Needed	1
Bus Interface	(x16)
Form Factor	Half Height / Half Length

→ Shop and compare

ATI FirePro™ V3800

- AMD FirePro™ Professional Graphics
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- AMD FirePro™ Multi-View Professional Graphics
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- AMD FirePro™ Mobility Professional Graphics
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

For professionals who work with small models and fewer assembly parts and components.

Ideal entry-level professional graphics card at a great price - excellent for small form factors.

Features

- Supports up to 2 independent 30" displays[7]
- AutoDetect Technology
- Full 30-bit Display Pipeline
- Full Shader Model 5.0 support
- Optimized and certified for many major CAD and DCC Applications
- Support for DirectX® 11 and OpenGL 4.1
- OpenCL™ 1.1 Support
- PCI Express® 2.1
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)

Overview

Energy Efficiency:	●●●●●	Range:	*Entry*
Performance:	●●○○○	Ideal for:	*3D rendering*
Features:	●●●○○		*Simulation*

Specifications

Memory	512MB DDR3
Stream Processors	400
Memory Interface	64-bit
Maximum Displays	2
Bandwidth (GB/s)	14.4
Display Outputs	1 x DisplayPort, 1 Dual-Link DVI
Display Connectors	1 x DisplayPort to DVI (single-link) adapter 1 x DVI to VGA adapter
Max Resolution	2560 x 1600 @ 60Hz
Max Power	<45 W
System Slots Needed	1
Bus Interface	(x16)
Form Factor	Half Height / Half Length

→ Shop and compare

AMD Eyefinity Configurations

AMD FirePro™ Multi-View Professional Graphics

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Maximum flexibility in a unique, compact design

The AMD FirePro™ Multi-View Professional Graphics Card family boasts innovative low profile dual-monitor design which means that cards will fit into both low profile and full height systems. This enables integration into a wide range of machines with a smaller number of cards to qualify. The same applies for the new low profile AMD FirePro™ Multi-View Quad Monitor Cards; their super space-efficient architecture lets you choose even the smallest systems, including docking stations, and still be able to achieve simultaneous output to four displays.

Most AMD FirePro™ Multi-View designs utilize passive cooling for a high mean time between failures (MTBF) providing maximum reliability. Its inherently low power consumption helps reduce the overall power load without sacrificing performance, an increasingly important benefit to sites with a large installed user base.

More memory, stability and flexibility

The AMD FirePro™ Multi-View Professional Graphics Cards feature either 256MB, 512MB, or 1GB of dedicated on-board memory for each display to enable maximum stability and unparalleled performance. To provide added flexibility, dual and quad AMD FirePro™ Multi-View Cards can be combined to drive even more displays. Every AMD FirePro™ Multi-View Card, including the quad versions, also meet the industry's highest standards for resolution:

Monitor Specification	***Maximum Monitor Resolution for all AMD FirePro™ Multi-View Professional Graphics Cards***
DisplayPort	2560 x 1600
DVI and VGA	1920 x 1200

AMD FirePro™ 2270

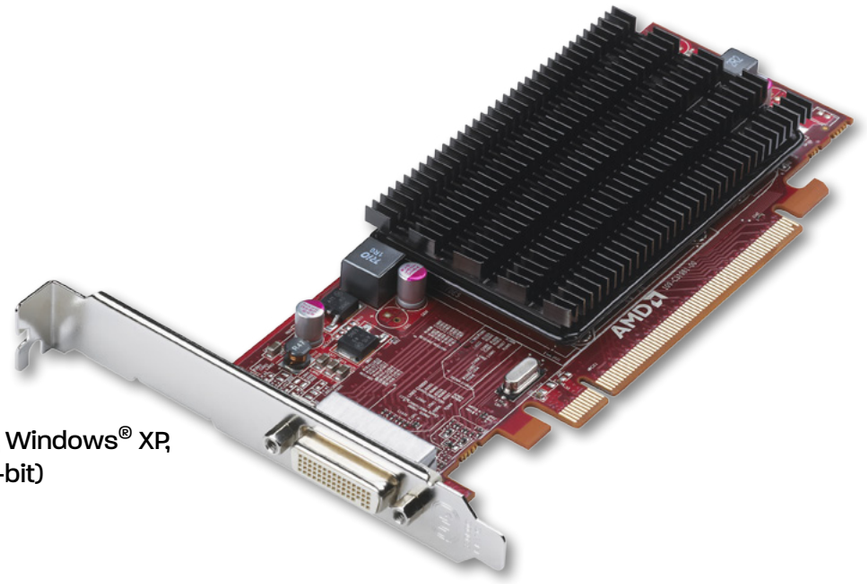
- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Designed to help IT more easily configure and deploy dual-display set-ups for employees.

The first low profile, passively cooled, dual output graphics solution from AMD supporting all three industry standard display technologies - DisplayPort[8], DVI and VGA.

Features

- High Performing Graphics Memory
- DirectX® 11 and OpenGL 4.1
- PCI Express® 2.1
- Low Power Consumption
- Flexible Output Configurations
- Passive Cooling
- Low Profile Design
- Unified Driver Architecture
- OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux® (32-bit or 64-bit)



Overview

Energy Efficiency:	●●●●●	Ideal for: *Medical*
Performance:	●●●○○	*Financial*
Features:	●●●●○	

Specifications

Max Digital Resolution	2560 x 1600
Max Analog Resolution	1920 x 1200
Graphics Memory	512MB or 1GB DDR3
Display Outputs	Dual DisplayPort, Dual DVI or Dual VGA
Display Connectors	DMS-59 connector to support breakout cables for dual DisplayPort, DVI and VGA output
PCI Express®	(x1) and (x16) options
Max Power	17 W
System Slots Needed	1
Form Factor	Half Height /Low Profile

→ Shop and compare

ATI FirePro™ 2460

- AMD FirePro™ Professional Graphics
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- AMD FirePro™ Multi-View Professional Graphics
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- AMD FirePro™ Mobility Professional Graphics
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Designed for financial and corporate professionals needing to view and interact with several content sources across multiple screens.

The first low profile dual GPU quad output card supporting both DVI and VGA.

Features

- AMD Eyefinity Multi-Display Technology
- High Performing Graphics Memory
- DirectX® 11 and OpenGL 4.1
- PCI Express® 2.0
- Low Power Consumption
- Flexible Output Configurations
- Passive Cooling
- Low Profile Design
- Unified Driver Architecture

Overview

Energy Efficiency: ●●●●●
Performance: ●●●○○
Features: ●●●●○

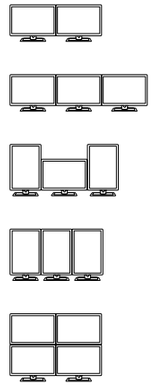
Ideal for: *Financial Corporate*

Specifications

Max Digital Resolution	2560 x 1600
Graphics Memory	512MB
Display Outputs	4 x Mini DisplayPort
Display Connectors	Mini DisplayPort to DVI adapter included
PCI Express®	(x16)
Max Power	<20 W
System Slots Needed	1
Form Factor	Half Height / Low Profile

→ Shop and compare

AMD Eyefinity Configurations



ATI FirePro™ 2450

- AMD FirePro™ Professional Graphics
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
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- AMD FirePro™ Multi-View Professional Graphics
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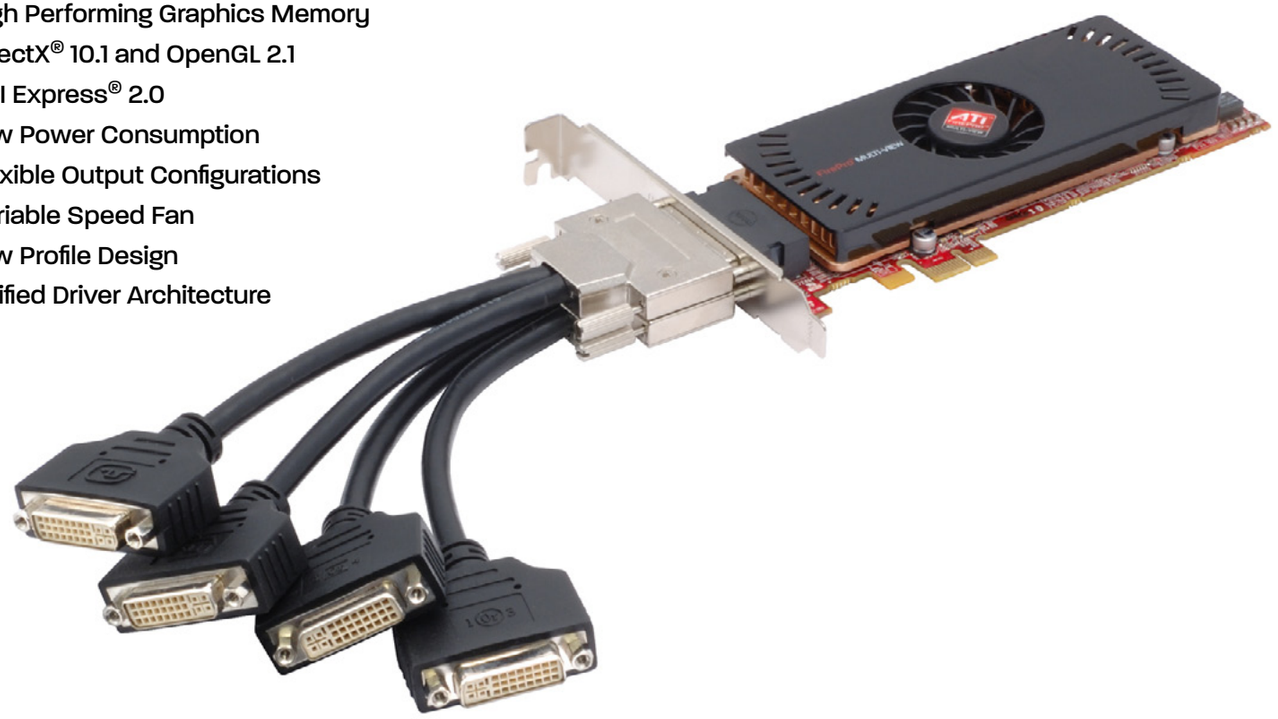
- AMD FirePro™ Remote Workstation Graphics
- AMD FirePro™ Mobility Professional Graphics
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Designed for financial and corporate professionals needing to view and interact with several content sources across multiple screens.

The first low profile dual GPU quad output card supporting both DVI and VGA.

Features

- High Performing Graphics Memory
- DirectX® 10.1 and OpenGL 2.1
- PCI Express® 2.0
- Low Power Consumption
- Flexible Output Configurations
- Variable Speed Fan
- Low Profile Design
- Unified Driver Architecture



Overview

Energy Efficiency: ●●●●○
Performance: ●●●○○
Features: ●●●●○

Ideal for: *Financial Corporate*

Specifications

Max Digital Resolution	1920 x 1200
Graphics Memory	512MB
Display Outputs	4 x DVI 4 x VGA
Display Connectors	2 x VHDCI to support 2 x Dual-DVI breakout cables; 4 x DVI to VGA adapters
PCI Express®	(x1) and (x16) options
Max Power	<30 W
System Slots Needed	1
Form Factor	Half Height / Low Profile

→ Shop and compare

ATI FirePro™ 2260 PCI

- AMD FirePro™ Professional Graphics
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
- ATI FirePro™ V4800
- AMD FirePro™ V3900
- ATI FirePro™ V3800
- AMD FirePro™ Multi-View Professional Graphics
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- AMD FirePro™ Mobility Professional Graphics
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

Featuring two DisplayPort outputs, ATI FirePro™ 2260 PCI is an ideal solution for driving two large high resolution displays with exceptional image quality. Users can view multiple applications simultaneously across both screens, and organize and share information efficiently and easily.

Passively cooled PCI Express® x1 and x16 variants of the ATI FirePro™ 2260 PCI are available for highly flexible deployments.

Features

- High Performing Graphics Memory
- DirectX® 10.1 and OpenGL 2.1
- PCI Express® 2.0
- Low Power Consumption
- Flexible Output Configurations
- Variable Speed Fan
- Low Profile Design
- Unified Driver Architecture
- Passively Cooled Options Available

Overview

Energy Efficiency:	●●●●●	Ideal for:	*Financial*
Performance:	●●○○○		*Corporate*
Features:	●●●○○		

Specifications

Max Digital Resolution	2560 x 1600
Graphics Memory	256MB DDR2
Display Outputs	2 x DisplayPort
Display Connectors	DisplayPort to DVI-D adapter
Bus Interface	PCI Express® x1 and x16, PCI
Max Power	<15 W
System Slots Needed	1
Form Factor	Half Height / Low Profile

→ Shop and compare

AMD FirePro™ Remote Graphics

- AMD FirePro™ Professional Graphics
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
- ATI FirePro™ V5800
- ATI FirePro™ V5800 DVI
- AMD FirePro™ V4900
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- AMD FirePro™ Multi-View Professional Graphics
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- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- AMD FirePro™ Mobility Professional Graphics
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

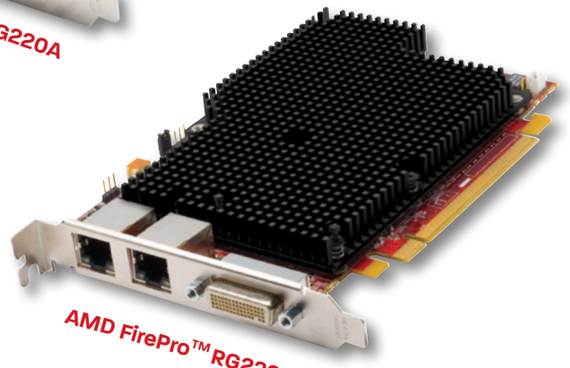
Based on PCoIP technology from Teradici, AMD FirePro™ Remote Graphics are integrated graphics cards that include display compression and IP transmission. They are able to compress dual-display graphic data at the host and output it over a regular IP network to a remote thin client device[9], allowing IT to deliver robust computing experiences to remote users anywhere on the corporate network

For CAD, DCC and financial services users, it enables a true PC experience with full multi-monitor 3D and video support. For IT managers, it helps safeguard high-value content created on workstations with data protection for transactions, while helping reduce high power costs and power demands for end user locations.

Features

- High Performing Graphics Memory
- DirectX® 10.1 and OpenGL 2.1
- PCI Express® 2.0
- Low Power Consumption
- Flexible Output Configurations
- Actively Cooled Option, AMD FirePro™ RG220A
- Passively Cooled Option, ATI FirePro™ RG220
- Low Profile Design
- Unified Driver Architecture

AMD FirePro™ RG220A



AMD FirePro™ RG220

Overview

Energy Efficiency:	●●●●●	Ideal for:	*Medical (PACS)*
Performance:	●●●●○		*Financal (servers)*
Features:	●●●●●		

Specifications

Max Digital Resolution	1920 x 1200
Graphics Memory	512MB
Display Outputs	2x Dual DVI-D
Display Connectors	DMS-59 connector for dual DVI-D output
PCI Express®	x16
Full Support for USB Devices	✓
Max Power	<35 W

PCoIP

→ Shop and compare

AMD FirePro™ Mobility Professional Graphics

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
- AMD FirePro™ V7800P
- ATI FirePro™ V7800
- AMD FirePro™ V5900
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- AMD FirePro™ V4900
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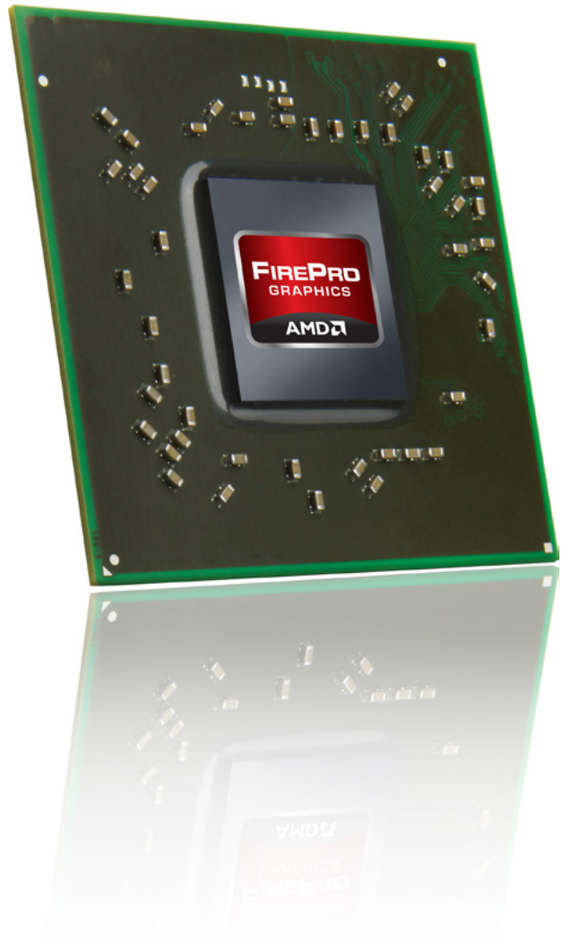
- ATI FirePro™ V3800
- **AMD FirePro™ Multi-View Professional Graphics**
- AMD FirePro™ 2270
- ATI FirePro™ 2460
- ATI FirePro™ 2450
- ATI FirePro™ 2260 PCI
- AMD FirePro™ Remote Workstation Graphics
- **AMD FirePro™ Mobility Professional Graphics**
- ATI FirePro™ S400 Synchronization Module
- AMD Eyefinity Multi-Display Technology
- AMD HD3D Pro Technology
- AMD CrossFire™ Pro Technology
- AMD Catalyst™ Pro Software
- AMD Software Application Vendors (ISV)
- Product Reviews
- AMD Glossary

AMD FirePro™ Mobility Professional Graphics are fuelled by a leading-edge GPU, designed to deliver advanced performance for applications across all industry segments

- AMD Eyefinity Multi-Display Technology helps increase productivity and simplify visualization solutions by expanding your visual real estate.
- AMD FirePro™ Mobility Professional Graphics are compliant with the latest industry standards including OpenGL, OpenCL™ and DirectX®11 - enabling you to take full advantage of their rich features.
- AMD Catalyst™ Pro Graphics Drivers are specially tuned to enable outstanding performance for all major CAD and DCC applications. The rigorous certification processes of leading ISVs and OEMs tests AMD FirePro™ Mobility Professional Graphics against a battery of simulations and real-world scenarios to help ensure their readiness for demanding professional use.

Specs	*AMD FirePro™ M8900*	*ATI FirePro™ M7820*	*ATI FirePro™ M5800*	*AMD FirePro™ M5950*	*AMD FirePro™ M3900*
AMD Eyefinity Multi-Display Technology	✓	✓	✓	✓	✓
Memory Type	2GB GDDR5	1GB GDDR5	1GB DDR3	1GB GDDR5	1GB DDR3
Stream Processors	960	800	400	480	160
Engine Clock Speed	680 MHz	700 MHz	650 MHz	725 MHz	700 MHz
DirectX® 11 Support	✓	✓	✓	✓	✓
OpenGL 4.1 Support	✓	✓	✓	✓	✓
OpenCL™ 1.1 Support	✓	✓	✓	✓	✓
PCI Express 2.1	✓	✓	✓	✓	✓
Certified drivers for Microsoft® Windows® 7, Windows Vista®, and Windows® XP	✓	✓	✓	✓	✓



ATI FirePro™ S400 Synchronization Module

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
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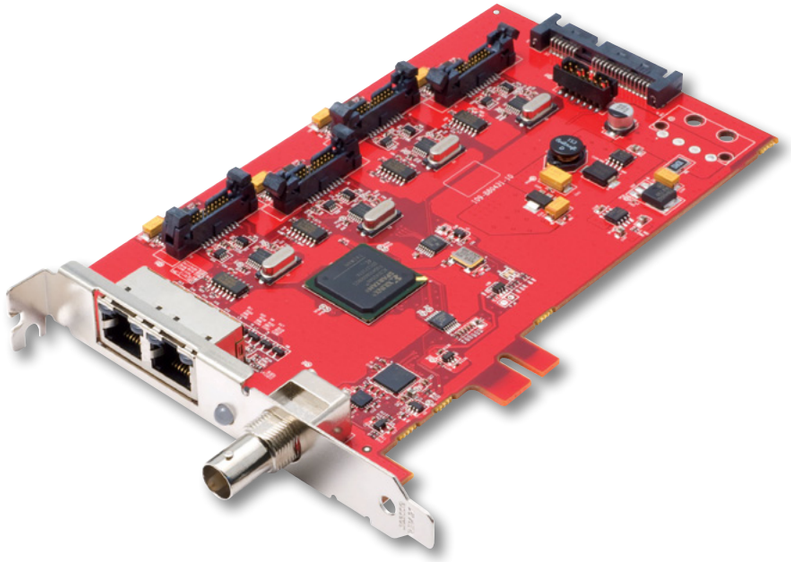
Precise synchronization for demanding applications.

The ATI FirePro™ S400 Synchronization Module allows AMD FirePro™ Professional Graphics Cards to be used in applications that require synchronization to external sources (Genlock) or synchronization of 3D rendering of multiple GPUs in different systems (Framelock).

Based on a full hardware, dedicated processor design, the ATI FirePro™ S400 helps ensure clock-accurate synchronization in virtually all scenarios. The dedicated processor allows up to four GPUs to work simultaneously, satisfying the rendering needs of the user.

Features

- Support for up to 4 GPUs per module[10]
- Field Upgradeable Firmware
- Full Hardware Synchronization
- Support for connecting multiple computers and their GPUs together
- Sync to virtually any video source
- Serial ATA Power Connector



Overview

Features	●●●●○
Ideal for	*Broadcasting, video editing, post production*

→ Shop and compare

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AMD Eyefinity Multi-Display Technology

See more. Do more.

AMD Eyefinity Technology enables you to run up to six independent and simultaneous displays with a single graphics card.[2] By expanding your field of view across multiple high-resolution monitors, you can see more detail than ever, helping to increase your workflow productivity. You can manage multi-tasking more efficiently, and view more data, applications, and images at once.

Superior visual experience for demanding 3D applications

AMD Eyefinity Technology gives you more visual real estate to view large scale models and multiple applications at the same time in a single, large workspace. You can operate up to six high-resolution displays simultaneously and independently, flexibly configured in various combinations of landscape and portrait orientations. Group multiple monitors into a large integrated display surface, enabling windowed and full-screen 3D applications, images, and video to span across multiple displays as one desktop workspace. Multiple display outputs enable multiple 3D displays with independent display resolution, refresh rate, and display rotation settings.

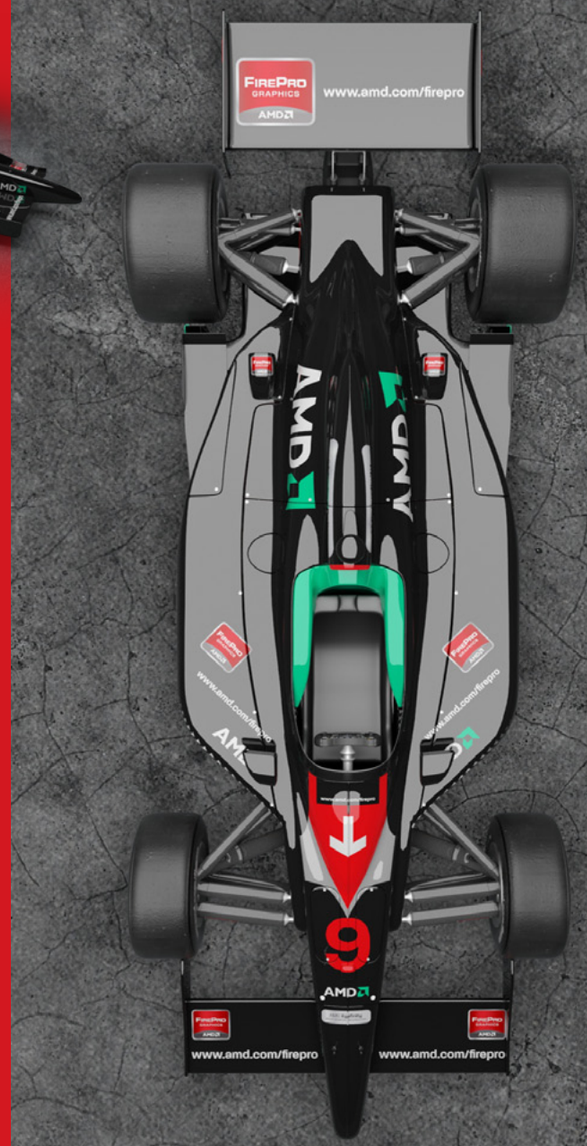
Increased workgroup productivity

AMD Eyefinity Technology helps you get more things done. It allows you and others on your team to physically and simultaneously display and view multiple documents or applications for efficient discussion and collaboration. Multi-tasking is easy since you no longer need to flip documents and applications back and forth between windows. It helps improve accuracy and speed your workflow.

Recommended Eyefinity monitor configurations

1. **Three monitors: landscape (3 x 1)**
   One extended desktop up to 7,680 x 1,600 resolution
2. **Three monitors: portrait (3 x 1)**
   One extended desktop up to 4,800 x 2,560 resolution
3. **Three monitors landscape and portrait (3 x 1)**
   One hi-res 2,560 x 1,600 resolution display flanked by two portrait monitors of any resolution
4. **Four monitor array (2 x 2)***
   One giant extended desktop or a setup for design /review with displays mounted on a wall - up to 5,120 x 3,200 resolution
5. **Six monitor array (3 x 2)****
   A massive video wall, for digital signage and large presentation set ups – up to 7,680 x 3,200 resolution

*only supported on the AMD FirePro™ V7900, ATI FirePro™ V8800 and ATI FirePro™ V9800
**only supported on the ATI FirePro™ V9800



AMD HD3D Pro Technology

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
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The Third Dimension

AMD HD3D Pro Technology is supported by an advanced and open ecosystem that, in conjunction with specific AMD hardware and software technologies, enables 3D display capabilities for many PC applications and experiences.[6]

Your workstation has evolved, offering an unprecedented amount of content in 3D. With the arrival of the latest in 3D technology you can now enjoy an enhanced visual experience on Stereo 3D-capable desktop and notebook workstations powered by AMD HD3D Pro Technology.

HD3D for Professionals. Bring your creations to life

- Whether you're building photo-realistic effects for the next Hollywood blockbuster, creating complex models for manufacture, interacting with medical data-sets, or anything in between, AMD HD3D Pro Technology is designed to deliver an extra dimension to your work.
- AMD HD3D Pro Technology on AMD FirePro™ Professional Graphics Cards provide you with the interactive depth enhancement needed to take your creations to the next level.

By Professionals, for Professionals

AMD HD3D Pro Technology is designed to give AMD FirePro™ professional users everything they need to have their work presented in stunning 3D. In a world where stereo 3D is highly valued in numerous professional use cases, AMD HD3D Pro features 3D presentation support for Digital Content Creation, CAD, Data Visualization, Virtual Reality, Molecular Engineering, and more, making it an ideal stereoscopic solution for professionals. Some examples of the benefits that users of AMD HD3D Technology can experience are enhanced depth perception, embellished data visualizations, intensified realism in virtual environments, boosted productivity, and enhanced production and post-production pipelines.

3D Presentation Techniques

Nearly all of the 3D films in cinemas today are presented in passive stereo, where the glasses do not contain any active components. What you may not know is that there are many different types of stereo 3D presentation techniques in use today. A few of these techniques include active frame sequential, passive dual display, and auto-stereoscopic, and they're all supported by compatible AMD FirePro™ Professional Graphics Cards.

AMD FirePro™ Graphics Solutions

AMD HD3D Pro Technology is supported on the majority of AMD FirePro™ Professional Graphics Cards, many of which feature the 3-pin VESA connector directly on-board the I/O plate for ease of connection with wired active sync glasses.

AMD CrossFire™ Pro

- **AMD FirePro™ Professional Graphics**
- AMD FirePro™ V9800P
- ATI FirePro™ V9800
- ATI FirePro™ V8800
- AMD FirePro™ V7900 SDI
- AMD FirePro™ V7900
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- AMD Glossary

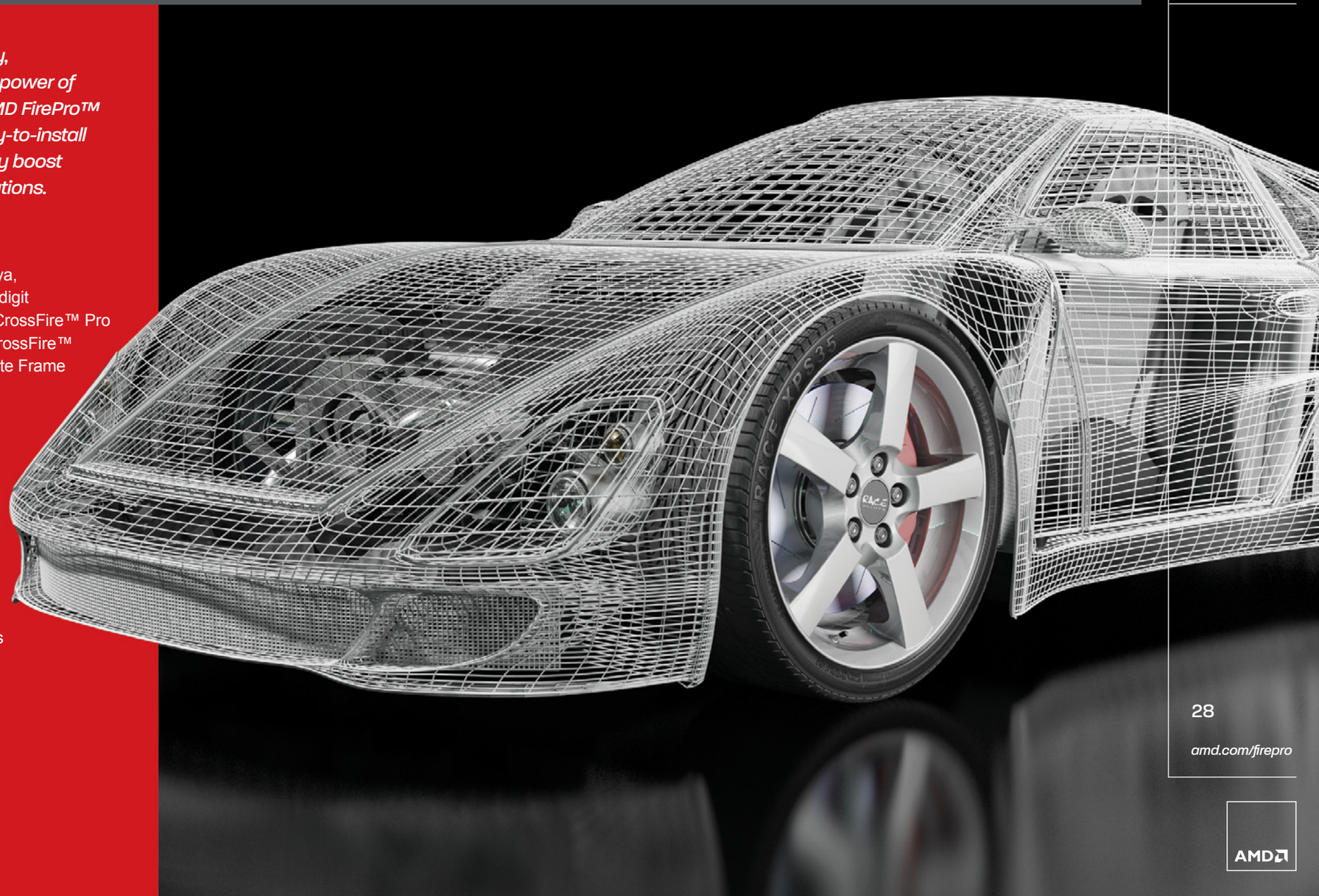
By using AMD CrossFire™ Pro Technology, CAD and DCC designers can harness the power of two GPUs by connecting two identical AMD FirePro™ Professional Graphics Cards[1] with an easy-to-install flex cable connection that can significantly boost performance of geometry - limited applications.

Features and Benefits

Applications such as Siemens NX, Autodesk Maya, Teamcenter and Ensight can see up to a double-digit percentage performance gain when using AMD CrossFire™ Pro Technology vs. a single card.[11] Currently, AMD CrossFire™ Pro Technology scales applications using Alternate Frame Rendering (AFR) mode.

AMD CrossFire™ Pro Technology also scales anti-aliasing performance on a single display for digital mock-ups, TV productions and video apps requiring a high level of image/line quality.

This feature is supported across the AMD FirePro™ product line from the mid-range segment onwards, which includes the FirePro™ V4800, V5800, V5900, V7800, V7900, V8800, and V9800 Professional Graphics Cards.



AMD Catalyst™ Pro Software

- **AMD FirePro™ Professional Graphics**
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AMD is committed to delivering new and innovative software solutions specifically designed to enhance performance for AMD FirePro™ Professional Graphics users. AMD regularly issues driver updates to ensure its AMD FirePro™ Professional Graphics continue to improve, through the continued support for the latest technologies and applications. Further, a rigorous certification process featuring a battery of simulations and real-world scenarios ensures the highest level of stability and reliability.

Industry-leading performance

AMD FirePro™ Professional Graphics are certified on more than 90 applications. Certification by leading publishers helps ensure that these applications perform reliably.

Innovative and exciting features

AMD Catalyst™ Pro Software includes the Catalyst Control™ Center, delivering innovative features and unprecedented control of performance and visual quality with AMD Professional Graphics.

Robust stability

AMD Catalyst™ Pro Software drivers are Microsoft WHQL-certified and include rigorously tested Linux drivers to deliver highly stable and reliable graphics performance.

Under the hood

AMD Catalyst™ Pro includes a full software solution for workstations running several operating systems including Microsoft® Windows®7 and Linux®, and supports AMD FirePro™ Professional Graphics for workstations and mobile workstations.

AMD Software Application Vendors (ISV)

- **AMD FirePro™ Professional Graphics**
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AMD FirePro™ Professional Graphics are 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.

"We've tested it and without doubt, the AMD FirePro V9800 is fast, very fast. Just one card can hold the complete graphic data in only one frame buffer and allows us to drive six monitors without theneed for a sync card."

Dr. Johannes Friebe, Sales Director at Schneider Digital

"With AMD Eyefinity technology, the feeling of complete immersion is really impressive."

Jerome Maillot, Senior Manager at Dassault Systèmes

AMD's unified drivers are designed to deliver advanced levels of graphics stability while providing support for DirectX®11, OpenCL™1.1 and OpenGL®4.2. This assures professional engineers, designers and animators that AMD FirePro™ Professional Graphics deliver a stable and high performance workstation graphics environment on both Windows® and Linux® platforms.

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

The rigorous and exacting certification processes which the AMD FirePro™ Professional Graphics undergo are conducted by various software vendors. For a list of certificated applications visit: ***www.amd.com/fireprocertifiedapps***

Product Reviews

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ATI FirePro™ V9800

Computer Power User found the ATI FirePro V9800 to lend incredible boosts to productivity thanks to its support of up to six simultaneous displays and it's 4GB of frame buffer. Furthermore, they noted that the unique six monitor output made the ATI FirePro V9800 an ideal solution for digital signage, noting that "[one] V9800 could power a large configuration of screens for a display in a building lobby or at a trade show."

Computer Power User (December 2010)

"It's easy to see how six displays would be very helpful in the financial, simulation or oil and gas industries for displaying a lot of data at one time, and as a 3D artist, six displays sounds like a dream to me."

Icrontic (September 2010)

ATI FirePro™ V5800

"If you are looking for a competitive workstation graphics card without spending $1,500 USD on a single card, the ATI FirePro™ V5800 has proved to us over the past week that it can perform much like its bigger brother while at a fraction of the price."

Phoronix (April 2010)

"Since the word [AMD] Eyefinity first reached us in the consumer space we knew that we were excited about the possibilities that having 3-6 displays would bring to the world of gaming. But in reality, the true winners with [AMD] Eyefinity are going to be found in the professional workspace where support for up to 6 displays out of a single graphics card can increase work area and productivity and do it at a cost well below anything we have seen before."

PC Perspective (September 2010)

AMD Glossary

- AMD FirePro™ Professional Graphics
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Active Cooling - A fansink used by some graphics cards to conduct heat away from the card's core

AMD CrossFire™ Pro Technology - A technology that allows linking of multiple AMD FirePro™ Professional Graphics Cards for ultimate upgradability

AMD Eyefinity Multi-Display Technology - A technology that can support up to six independent display outputs simultaneously, enabling massive desktop workspaces and ultra-immersive visual environments for the ultimate panoramic computing experience

AutoDetect Technology - As a user moves between applications, or opens new ones, the graphics driver settings are automatically configured for optimised performance

CAD - Computer aided design

CAE - Computer aided engineering

DirectX® 11 and OpenGL® 4.2 - Industry standards that enable optimal performance in leading applications

DCC - Digital content creation

Flexible Output Configurations - Capable of driving multiple high-resolution monitors for massive screen space

Framelock / Genlock support - For smooth multi-display visualisation

Full 30-bit Display Pipeline - Enables more colour values than 24-bit products for more accurate colour reproduction and superior visual fidelity

Full Shader Model 5.0 support - Helps create highly complex geometry and scenes without taxing the CPU

GPU - Graphics processor unit (also know as video graphics)

Hardware tessellation support - Aids greater polygons support separate to DirectX® 11 for real-time rendering

Local cloning of remote output - Allows for local server rooms to monitor and control the output of remote displays for debugging or remote access

Low power consumption - Enables use in smaller, more energy-efficient systems

MTBF - Mean Time Between Failure

Multi-View display - Expands the field of view across 2 or 4 high resolution displays, allowing users to interact with multiple applications simultaneously, see images in more detail and improve workflow productivity

OpenCL™ 1.1 - Industry standard API – open, multiplatform development platform to help enable broad adoption of heterogeneous computing

OS Support: Microsoft® Windows® 7, Windows® XP, Windows Vista®, Linux®13 (32-bit or 64-bit) - The different operating systems each of the graphics are compatible with

Passive cooling - A heat sink used by some graphics cards to conduct heat away from the card's core

PCI Express® 2.1 - A computer standard expansion card designed to replace the older PCI, PCI-X, and AGP standards: for greater performance and compatibility

Stackable option - The ability to combine two ATI FirePro™ RG220 Professional Graphics Cards to drive up to four 1920x1200 remote display outputs (subject to available PCIE® slots).

Stereoscopic 3D - Creates the illusion of three-dimensional depth from images on a two-dimensional plane

Unified driver architecture - Helps simplify maintenance and system administration

Contact Us

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AMD believes that what a company stands for is as important as what it produces. We provide our customers with numerous ways of obtaining information and sending us their feedback. We encourage customers to contact us with their feedback, comments and questions.

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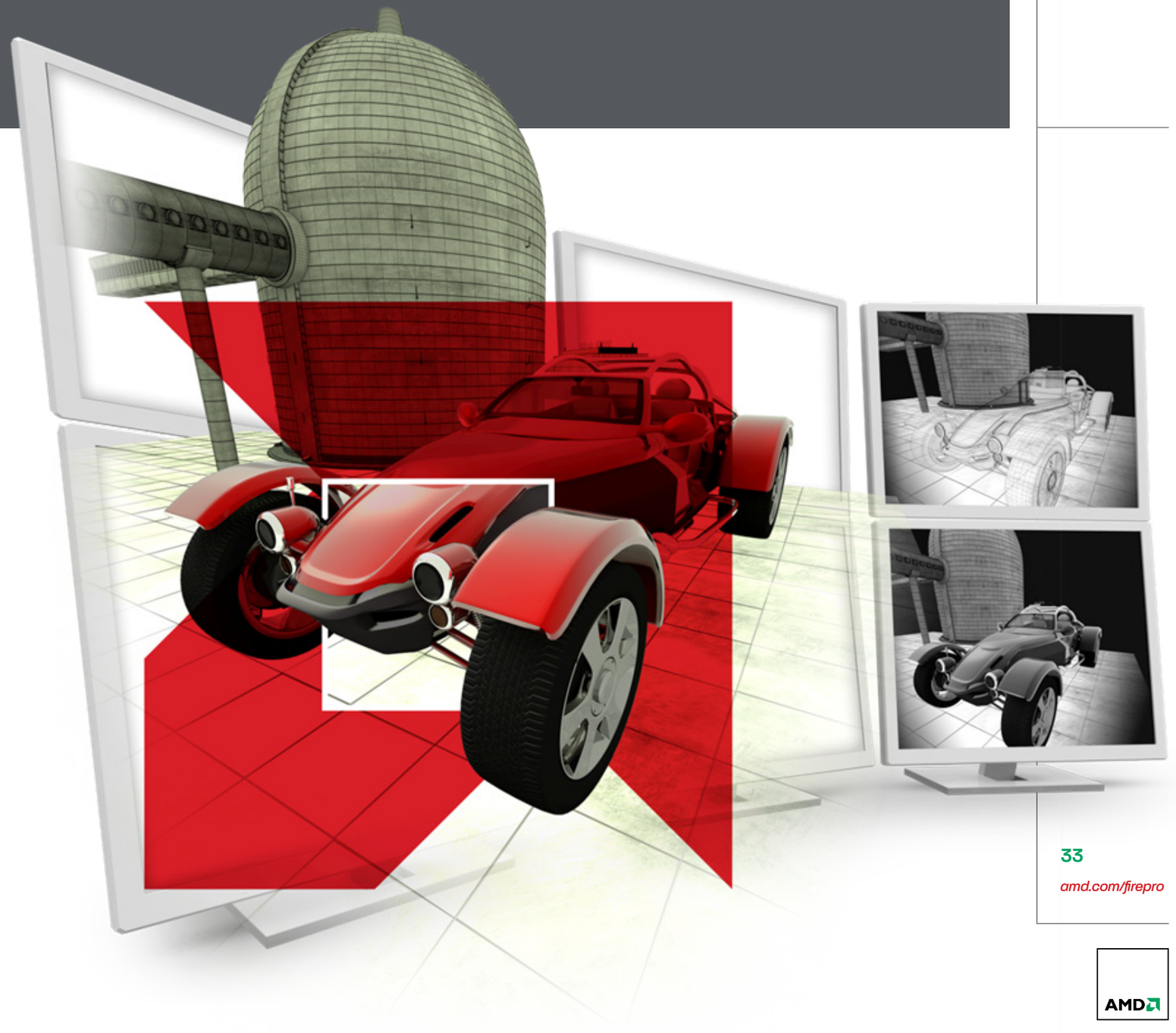
Tel: 408-749-4000
www.amd.com/firepro

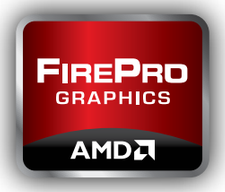
AMD Technical Support:

Global Technical Support ***here***

AMD Sales:

Email: ***fireprosales@amd.com***
Tel: 1-800-538-8450





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AMD FirePro™ Professional Graphics

[1]AMD Eyefinity technology can support multiple displays using a single enabled ATI FirePro™ or AMD FirePro(™) Professional Graphics Card; the number of supported displays varies by model. Microsoft® Windows® 7, Windows Vista®, or Linux® is required in order to support more than 2 displays. Depending on the card model, native mini DisplayPort™ connectors and/or certified mini DisplayPort™ active or passive adapters to convert your monitor's native input to your graphics card's mini DisplayPort™ connector(s) may be required. See www.amd.com/firepro for details. SLS ("Single Large Surface") functionality requires an identical display resolution on all configured displays.

[2]Thirty-bit monitor required for full 30-bit display.

[3]AMD HD3D Pro is a technology designed to enable stereoscopic 3D support in software applications such as Computer Aided Design and Digital Content Creation. Additional hardware (e.g. 3D enabled panels, 3D-enabled glasses/emitter, Blu-ray 3D drive) and/or software (e.g. Blu-ray 3D discs, 3D middleware, software applications) are required for the enablement of stereoscopic 3D. Not all features may be supported on all components or systems - check with your component or system manufacturer for specific model capabilities and supported technologies.

[4]AMD CrossFire™ Pro technology requires an AMD CrossFire Pro Ready motherboard, an AMD CrossFire™ Pro Bridge Interconnect (for each additional graphics card) and may require a specialized power supply. Specific power, chassis space, connector, and resource requirements may apply. Check with system manufacturer to see if dual cards are supported.

[5]Requires ATI FirePro™ S400 synchronization module.

[6]Linux drivers can be downloaded from amd.com.

[7]Each ATI FirePro™ V3800 graphics card supports up to two independent displays using one DisplayPort connector and one dual-link DVI connector.

[8]DisplayPort adapter sold separately.

[9]PCoIP portal required, sold separately. Click here for a list of OEM solutions.

[10]ATI FirePro™ V9800, V8800, V7900 or V7800 Professional Graphics required

[11]Performance scaling of up to 80% for UGS NX 3 (ugnx-01) based on SPECviewperf® 10 testing (ATI FirePro™ V7750 vs. 2x ATI FirePro V7750). Configuration: HPxw4600, Core 2 Duo E6850@3.0GHz, 4MB L2.

[12]AMD FirePro™ V3900 can support 5 HD (1920x1080) displays using AMD Eyefinity and DisplayPort 1.2 multi-streaming technologies (4 x 1920x1080p DisplayPort displays + 1 x DVI) and requires DisplayPort 1.2 multi-streaming-enabled monitors and/or hubs.

[13] See www.amd.com/api for specific version support