



# AMD FirePro™ Professional Graphics for CAD & Engineering and Media & Entertainment

Performance at every price point.

**AMD FirePro™ professional graphics offer breakthrough capabilities that can help maximize productivity and help lower cost and complexity – giving you the edge you need in your business.** Outstanding graphics performance, compute power and ultrahigh-resolution multidisplay capabilities allows broadcast, design and engineering professionals to work at a whole new level of detail, speed, responsiveness and creativity.

## AMD FirePro™ W9100



With 16GB GDDR5 memory and the ability to support up to six 4K displays via six Mini DisplayPort outputs,<sup>1</sup> the AMD FirePro™ W9100 graphics card is the ideal single-GPU solution for the next generation of ultrahigh-resolution visualization environments.

## AMD FirePro™ W8100



The new AMD FirePro™ W8100 workstation graphics card is based on the AMD Graphics Core Next (GCN) GPU architecture and packs up to 4.2 TFLOPS of compute power to accelerate your projects beyond just graphics.

## AMD FirePro™ W7100



The new AMD FirePro™ W7100 graphics card delivers 8GB of memory, application performance and special features that media and entertainment and design and engineering professionals need to take their projects to the next level.

## AMD FirePro™ W5100



The new AMD FirePro™ W5100 graphics card delivers optimized application and multidisplay performance for midrange users. With 4GB of ultra-fast GDDR5 memory, users can tackle moderately complex models, assemblies, data sets or advanced visual effects with ease.

## AMD FirePro™ W4300



The AMD FirePro™ W4300 is AMD's most powerful workstation graphics card for small form factor, energy efficient workstations with a power consumption of under 50W.

## AMD FirePro™ W4100



In a class of its own, the AMD FirePro™ W4100 graphics card is the best choice for entry-level users who need a boost in graphics performance to better address their evolving workflows.

## AMD FirePro™ W2100



Professional graphics starts with AMD FirePro™ W2100 graphics, delivering optimized and certified professional application performance that similarly-priced consumer graphics lack.





# AMD FirePro™ Professional Graphics for CAD & Engineering and Media & Entertainment

**Innovation and reliability from a technology leader.** AMD FirePro professional graphics are optimized and certified on more than 100 applications including the most popular design and engineering, and media and entertainment applications. 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.

AMD FirePro professional graphics drivers are released several times each year and include performance and feature improvements. Our drivers undergo a minimum of 16 consecutive

weeks of testing conducted by three dedicated quality groups. AMD quality groups perform both manual and automated testing using the most stressful scenarios our engineers are able to create, plus many challenging ones from our ISV partners and OEM customers.

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

MODEL	DISPLAY				PERFORMANCE									FEATURES																
	Maximum resolution per display output	DVI-I	DisplayPort	No. of display outputs	Compute Performance		Stream Processors	GCN Stream Processors	Memory	ECC	Memory Bandwidth (GB/s)	Maximum Power	PCIe®	OS - 32-bit & 64-bit Support	AMD CrossFire™ Pro	OpenCL™ (Conformance Expected*)	OpenGL	DirectX®	Shader Model	Geometry Boost	AMD PowerTune	AMD ZeroCore Power	3D Stereoscopic	FrameLock/Genlock	FreeSync****	Warranty				
					Single Precision (GFLOPS)	Double Precision (GFLOPS)																								
<b>AMD FirePro W9100</b>	4096x2160	N/A**	6 Mini	6	5240	2620	N/A	2816	16GB GDDR5	Yes	320	275w	3.0	Windows 10 Windows 8.1 Windows 7 Linux	•	2.0	4.4	12	5	•	•	•	•	•	•	•	•	•	3 yr.	
<b>AMD FirePro W8100</b>	4096x2160	N/A**	4	4	4200	2100	N/A	2560	8GB GDDR5	Yes	320	220w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W7100</b>	4096x2160	N/A**	4	4	3300	206	N/A	1792	8GB GDDR5	No	160	<150w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W5100</b>	4096x2160	N/A**	4	4	1430	89.2	N/A	768	4GB GDDR5	No	96	<75w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W4300</b>	4096x2160	N/A**	4 Mini	4	1430	89.2	N/A	768	4GB GDDR5	No	96	<50w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3yr
<b>AMD FirePro W4100</b>	4096x2160	N/A**	4 Mini	4	645	40	N/A	512	2GB GDDR5	No	64	50w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W2100</b>	4096x2160	N/A**	2	2	403	25	N/A	320	2GB GDDR3	No	28.8	26w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W9000</b>	4096x2160	N/A**	6 Mini	6	3990	1000	N/A	2048	6GB GDDR5	Yes	264	274w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W8000</b>	4096x2160	N/A**	4	4	3230	806	N/A	1792	4GB GDDR5	Yes	176	225w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W7000</b>	4096x2160	N/A**	4	4	2400	152	N/A	1280	4GB GDDR5	No	154	<150w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro W5000</b>	4096x2160	1***	2	3	1270	79.2	N/A	768	2GB GDDR5	No	103	<75w	3.0		•	1.2	4.4	12	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro V7900</b>	2560x1600	N/A**	4	4	1860	464	1280	N/A	2GB GDDR5	No	160	143w	2.1		•	1.2	4.4	11	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro V5900</b>	2560x1600	1	2	3	610	154	512	N/A	2GB GDDR5	No	64	75w	2.1		•	1.2	4.4	11	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro V4900</b>	2560x1600	1	2	3	768	n/a	480	N/A	1GB GDDR5	No	64	75w	2.1		•	1.2	4.4	11	5	•	•	•	•	•	•	•	•	•	•	3 yr.
<b>AMD FirePro V3900</b>	2560x1600	1	1	2	624	n/a	480	N/A	1GB GDDR3	No	28.8	50w	2.1		•	1.2	4.4	11	5	•	•	•	•	•	•	•	•	•	•	3 yr.

\* OpenCL™ 2.0 drivers are now available for download at [www.amd.com](http://www.amd.com). Visit [www.amd.com/firepro/openssl](http://www.amd.com/firepro/openssl) for a complete list of supported products

\*\* DVI-D via Adapter

\*\*\* W5000 DVI option available, with 2x dual-link DVI outputs

\*\*\*\* FreeSync is an AMD technology designed to reduce or eliminate screen tears in games and videos by allowing the monitor's refresh rate to be controlled by and synchronized to the graphics card. Requires DisplayPort 1.2a compliant monitors that support DisplayPort Adaptive-Sync and an AMD FirePro W5100, W7100, W8100 or W9100 graphics card with forthcoming FreeSync-enabled driver. Support for use with multiple monitors planned. Confirm supported technologies with system manufacturer before purchase.



# AMD FirePro™ Professional Graphics for Finance and Display Wall Applications

Reliable and cost-effective multidisplay solutions.

**For every need there is an AMD solution.** Featuring a space-efficient, low-profile design, AMD FirePro™ professional graphics can be easily deployed in a variety of form factors, from small form factor desktops to tower workstations to mobile docking stations.

AMD FirePro™ professional graphics enable setups with multiple monitors for industries that demand high display density. AMD Eyefinity technology increases desktop productivity and simplifies visualization solutions by expanding your visual real estate up to six displays<sup>1</sup> with a single graphics card – an industry first.

- Supports PCI Express (PCI-E) standards (x1 and x16)
- Dedicated dual-, quad- and six-output channels for crystal-clear displays
- Supports various display connectors such as DisplayPort, DVI and VGA
- Ultimate reliability with estimated lifecycles (MTBF) of up to 500,000 hours for passively cooled cards
- Combine multiple AMD FirePro™ graphics cards in the same system to create large video walls

## AMD FirePro™ 2270 (Dual Output)

The first low-profile, passively cooled dual-output AMD graphics card supporting all three industry-standard display technologies – DisplayPort, DVI and VGA.



DMS-59 to Dual DVI (x1)

DVI to VGA adapter (x2)

## AMD FirePro™ 2460 (Quad Output)

Designed for financial and corporate multidisplay users. The first low-profile, quad Mini DisplayPort-capable solution available.



Mini DisplayPort to DVI (x4)

## AMD FirePro™ W600 (Six Output)

Optimized for display density.



Mini DisplayPort to DVI (optional)



# AMD FirePro™ Professional Graphics for Finance and Display Wall Applications

**Designed to help IT more easily configure and deploy multidisplay setups for employees.** Offering ultrahigh-resolution graphics with exceptional image quality through a range of industry-standard display connectors such as VGA, DVI and DisplayPort, AMD FirePro™ professional graphics make it easy for IT to configure multidisplay setups using any supported monitors they happen to have on hand.

**AMD FirePro™ professional graphics are ideal for enabling a variety of multidisplay solutions across multiple industries, including:**

Financial Services  
Healthcare  
Transportation  
Public Safety

Digital Signage  
Government and Education  
Control Rooms

**AMD FirePro™ professional graphics provides certification for many leading applications, backed up by technical support to provide you with the reliability you deserve.**

- The rigorous certification processes of many leading ISVs and OEMs put AMD FirePro™ technology through a battery of simulations and real-world scenarios to help ensure their readiness for demanding professional use.
- AMD Catalyst™ Pro unified drivers deliver not only the stability and reliability that is demanded by professional users, but also the convenience and ease of maintenance that is crucial for the IT team.
- AMD FirePro™ professional graphics are backed by a no-hassle warranty and global technical support services.<sup>2</sup>

MODEL	MAXIMUM RESOLUTION			CONNECTIONS			PERFORMANCE			INTERFACE			FEATURES		
	VGA	Dual-Link DVI	DisplayPort	No. of display outputs	Outputs (adapters included)	Optional Adapters (not included)	Memory	Cooling	Maximum Power	OS Support (32- & 64-bit)	PCI-E(x16)	PCI-E(x1)	Form Factor	OpenCL	DirectX®
<b>AMD FirePro 2270</b>	1920 x 1200	2560 x 1600	2560 x 1600*	2	DMS-59 to DVI / DVI to VGA	DMS-59 to DisplayPort	512MB DDR3	Passive	15w	Win10/Win8.1/Win7/Linux	•	•	HH/HL 1 Slot	4.4	11
<b>ATI FirePro 2460</b>	1920 x 1200*	2560 x 1600	2560 x 1600	4	Mini DisplayPort to DVI	Mini DisplayPort to VGA	512MB GDDR5	Passive	< 20w	Win10/Win8.1/Win7/Linux	•		HH/HL 1 Slot	4.4	11
<b>AMD FirePro W600</b>	1920 x 1200	2560 x 1600	4096 x 2160	6	N/A	Mini DisplayPort to DVI	2GB GDDR5	Active (fan)	75w	Win10/Win8.1/Win7/Linux	•		FH/HL 1 Slot	4.4	12

[in.amdfireprohub.com/products/wseries/](http://in.amdfireprohub.com/products/wseries/)

1. AMD Eyefinity technology supports up to six DisplayPort monitors on an enabled graphics card. Supported display quantity, type and resolution vary by model and board design; confirm specifications with manufacturer before purchase. To enable more than two displays, or multiple displays from a single output, additional hardware such as DisplayPort-ready monitors or DisplayPort 1.2 MST-enabled hubs may be required. A maximum of two active adapters is recommended for consumer systems. See [www.amd.com/eyefinityfaq](http://www.amd.com/eyefinityfaq) for full details.  
2. Toll free hotline available in United States, Canada.  
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