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

TopSolid

AMD FIREPRO

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,[1] 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™ 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.

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.

Missler Software is a leading global developer and supplier of CAD, CAM and ERP solutions. Missler provides an integrated software solution for product design, manufacturing and data management. TopSolid is a uniquely integrated solution for the mechanical engineering market including general mechanical design, heavy machinery, tooling, sheet metal and wood industries.

MODEL	Maximum resolution per display output	DVI-I	DisplayPort	No. of display outputs	Single Precision (GFLOPS)	Double Precision (GFLOPS)	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	GeometryBoost	AMD PowerTune	AMD ZeroCore Power	3D Stereoscopic	Framelock/Genlock	FreeSync****	Warranty
AMD FirePro W9100	4096x2160	N/A**	6 Mini	6	5240	2620	N/A	2816	16GB GDDR5	Yes	320	275w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	3 yr.
AMD FirePro W8100	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.
AMD FirePro W7100	4096x2160	N/A**	4	4	TBA	TBA	N/A	1792	8GB GDDR5	No	TBA	<150w	3.0		•	2.0	4.4	12	5	•	•	•	•	•	•	3 yr.
AMD FirePro W5100	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.
AMD FirePro W4100	4096x2160	N/A**	4 Mini	4	645	40	N/A	512	2GB GDDR5	No	72	50w	3.0		•	1.2	4.4	12	5		•	•	•			3 yr.
AMD FirePro W2100	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.
AMD FirePro W9000	4096x2160	N/A**	6 Mini	6	3990	1000	N/A	2048	6GB GDDR5	Yes	264	274w	3.0	Windows 8.1 Windows 7 Linux	•	1.2	4.4	12	5	•	•	•	•	•		3 yr.
AMD FirePro W8000	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.
AMD FirePro W7000	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.
AMD FirePro W5000	4096x2160	1***	2	3	1270	80	N/A	768	2GB GDDR5	No	103	<75w	3.0		•	1.2	4.4	12	5	•	•	•	•			3 yr.
AMD FirePro V7900	2560x1600	N/A**	4	4	1860	464	1280	N/A	2GB GDDR5	No	160	143w	2.0		•	1.2	4.4	11	5	•	•		•	•		3 yr.
AMD FirePro V5900	2560x1600	1	2	3	610	154	512	N/A	2GB GDDR5	No	64	75w	2.0		•	1.2	4.4	11	5	•	•		•			3 yr.
AMD FirePro V4900	2560x1600	1	2	3	768	n/a	480	N/A	1GB GDDR5	No	64	75w	2.0				4.4	11	5				•			3 yr.
AMD FirePro V3900	2560x1600	1	1	2	624	n/a	400	N/A	1GB GDDR3	No	28.8	50w	2.0				4.4	11	5				•			3 yr.

NEW

* AMD plans to release OpenCL 2.0 drivers for enabled cards in Q4 2014; conformance testing is planned at that time. Previous generation products may not support OpenCL 2.0.
** 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.

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