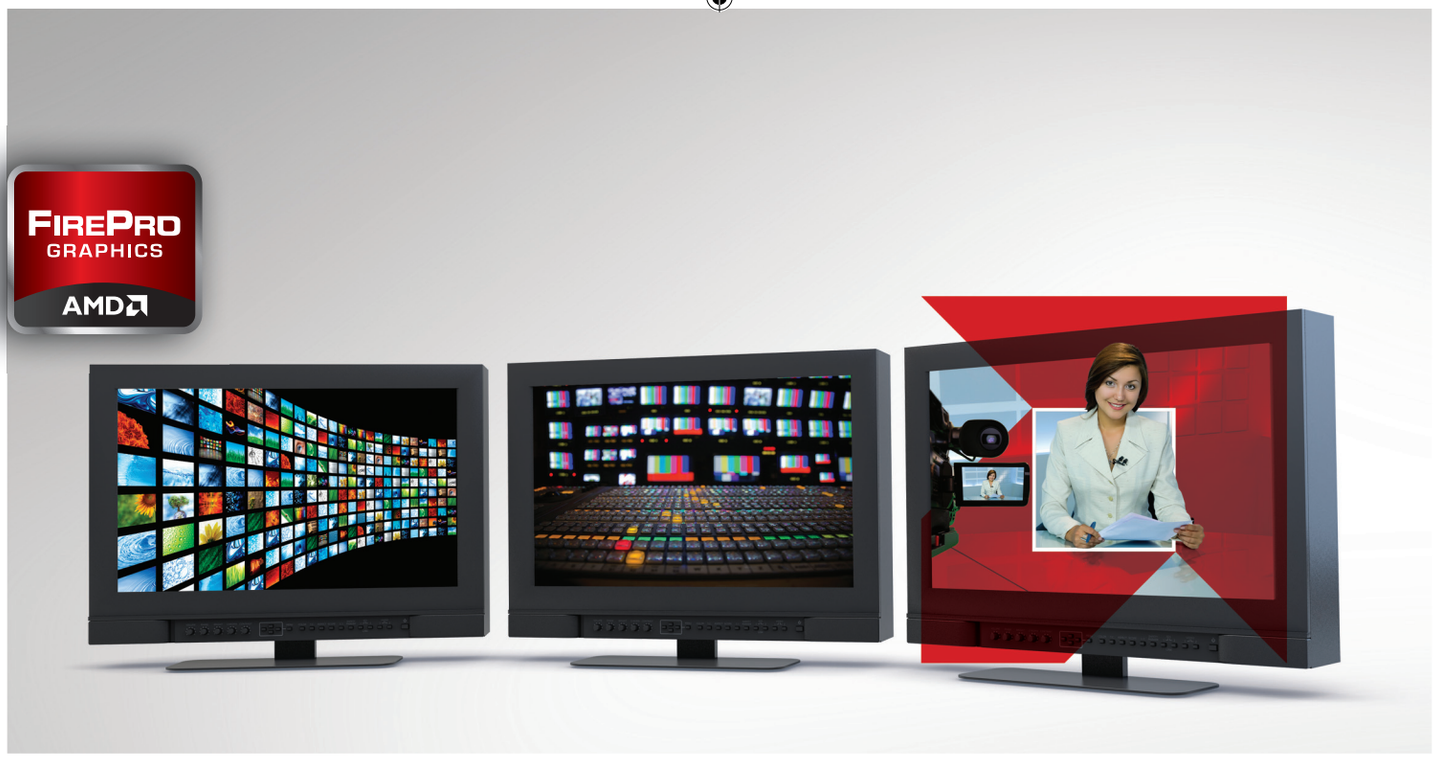

AMD FirePro™ SDI-Link

THE INDUSTRY'S CHOICE FOR GPU-ACCELERATED PROFESSIONAL VIDEO PIPELINES

Key Features:

- **> Fully supports the new AMD FirePro™ V7900 SDI professional graphics card**
- **> Enables ultra-low-latency, high-throughput system performance via AMD DirectGMA (Graphics Memory Addressing) technology**
- **> Robust support for 3G SDI and other advanced signaling standards via third-party SDI I/O hardware compatibility and certification[1]**
- **> Extensive support for advanced APIs such as OpenCL™ 1.1, OpenGL 4.2 and DirectX® 11**
- **> Highly scalable for advanced, synchronized multi-stream applications**
- **> Superior price/performance and value for OEMs, integrators and end-users**

Introducing AMD FirePro™ SDI-Link – the next platform for GPU acceleration powering live/on-air broadcast graphics and real-time video production/post-production pipelines.

AMD FirePro™ SDI-Link offers the required functionality and compatibility for today's integrated solutions powering 3D virtual sets, live sports and news graphics, video encoding and transcoding, on-set 3D VFX previz and professional video pipelines making use of the serial digital interface (SDI) video signal standard.

Built around an open-computing philosophy and close technology partnerships with leading SDI I/O PCIe card vendors, AMD FirePro™ SDI-Link equips OEMs and system integrators with powerful new options for flexibility and functionality when designing cost-effective, integrated technology solutions for their customers in broadcast, digital media production and post-production.

Leading video technology vendors are working closely with AMD to ensure compatibility with the AMD FirePro™ SDI-Link ecosystem for a broad range of applications requiring low-latency GPU acceleration and comprehensive SDI video I/O functionality.

AMD FirePro™ SDI-Link includes broad and comprehensive support for the latest SDI signal formats including 3G SDI, as well as HDMI, AES-EBU digital audio, advanced SDI metadata, integrated RS-422 and GPIO transport control, and flexible support for 3D-stereographic 2K and 4K configurations.[2]

AMD FirePro™ SDI-Link is the evolution of GPU technology for broadcast graphics and real-time video pipelines.

AJA® VIDEO SYSTEMS

"One of the most important ways we can support our customers is by providing them with accelerated workflows to boost their productivity. AMD FirePro™ SDI-Link platforms do just that, allowing AJA customers to benefit from both GPU-based and SDI solutions using AMD's graphics cards and AJA's video I/O products."

– Nick Rashby,
President, AJA Video Systems

AMD FIREPRO™ SDI-LINK

FEATURES	BENEFITS
Support for the AMD FirePro™ V7900 SDI professional graphics card with AMD DirectGMA technology	Low-latency, high throughput GPU acceleration for real-time professional video and broadcast graphics pipelines
Support for industry-standard APIs such as OpenCL™ 1.1, OpenGL 4.2 and DirectX® 11	Maximum portability, flexibility and performance for software design
Easy to implement AMD FirePro™ SDI-Link SDK (software development kit) and related AMD global technical support	Short development time for integrated solutions built on the AMD FirePro™ SDI-Link platform
Integrated support for advanced SDI signal functionality including: 3G, multistream/3Dstereo, Dual-link, AES-EBU audio (embedded and discrete), and RS-422 and GPIO control[1]	Maximum compatibility with existing advanced SDI-centric pipelines and environments

1 Third-party SDI I/O board certification program is in development. Please refer to AMD FirePro™ SDI-Link web page for the up-to-date list of certifications.

2 Features of third-party SDI I/O board vary; please confirm specifications with manufacturer before purchase.