AMD Digital Signage Solutions
Enabling today. Inspiring tomorrow.
AMD is a leading designer and integrator of innovative, tailored technology solutions that empower people to push the boundaries of what is possible. We design and integrate technology that powers millions of smart devices including PCs, game consoles, media players and cloud servers.

From a single system with one GPU.

Multidisplay technology enabling up to six displays to be driven for signage and display wall graphics solutions. It is a unique AMD Eyefinity Multidisplay Technology trusted by businesses worldwide. AMD processors are high-quality products certificated by industry-leading hardware and software partners and that combine eye-catching graphics performance with a high-value feature set. AMD CPU, GPU and APU products are as efficient as possible.

Ultimate Power and Performance Efficiency

AMD discrete graphics solutions for display walls employ intelligent power saving and monitoring technologies enabling higher and more efficient performance, including AMD PowerTune and AMD ZeroCore Power technologies. AMD PowerTune technology is a breakthrough technology that allows the GPU to boost engine clock speeds on a broad set of applications that have thermal headroom, while also improving how GPUs manage outlier applications by managing them down to power levels within the TDP limits with minimal performance impact. AMD ZeroCore Power technology allows our GPUs to power down when your monitors are off. This ensures that unused or idle GPUs are as efficient as possible.

Understanding What You Want

Digital signage includes an ever-increasing wide-range of applications such as retail, entertainment and events, hospitality, advertising, informational displays, transportation, and operation and process control centers. Whatever the application, most digital signage customers are looking for a system that:

- Delivers high-definition multimedia content to generate customer attention and interest.
- Supports multiple displays with flexible configuration options.
- Offers the right balance of performance-per-watt and performance-per-dollar.

AMD offers a full range of leading-edge multidisplay graphics products for configuring multimonitor display walls, delivering high display density and scalability. Solutions can start with cost-effective single small form-factor systems capable of driving up to six displays, ideal for Point-of-Sale and smaller kiosk applications. More powerful systems coupled with high-performance AMD Radeon™ and AMD FirePro™ cards with AMD Eyefinity technology push the boundaries of traditional solutions, allowing the creation of massive display walls or ultrahigh-resolution displays, including 4K.

Which AMD Product Family Is Right for You?

AMD embedded solutions are based on a long line of discrete AMD Radeon™ consumer-grade graphics cards, Systems-on-Chips (SoCs) and APUs. AMD Embedded APUs and SoCs provide high-definition graphics and parallel processing performance combined into a one-chip solution. We support our products with a planned availability of supply of five to 10 years.

- AMD Embedded G-Series APUs provide low-power solutions that meet most graphical and parallel processing demands, but support a low-cost, low-maintenance system.
- Discrete AMD Embedded Radeon™ graphics can be used in combination with AMD Embedded APUs, AMD Embedded CPUs, and with other processor solutions.
- AMD FirePro™ professional-grade graphics are optimized for leading display wall applications, are compatible with a wide range of hardware and offer unique designers to enhance performance with unique CPU capabilities.
- AMD FirePro™ professional graphics offer additional optimizations, continually working with partners to create display wall and signage-specific features and are included in our drivers.
- Technical support is offered to all AMD FirePro™ customers to help resolve any issues they may have.
- With AMD FirePro™ graphics, you get the latest technologies and feature sets that can help you to push the limits of what’s possible and bring cutting-edge, competitive solutions to market.

No matter what your business or customer needs may be, AMD has the right solution for you. With a wide range of solutions that address all performance levels and price points, AMD allows you to explore new possibilities that were never imaginable before. Please visit www.amd.com for more information on our display wall and digital signage solutions.

Digital Signage – Technology With a Human Touch

Digital signage and display wall solutions are rapidly evolving from single screen set-ups displaying static images or pre-recorded videos to completely custom setups geared toward the specific needs of the customer. System integrators and hardware and software vendors are seeking to push technological boundaries and employ more compelling solutions using dynamic media with interactive user interfaces and multiple high-resolution displays. They also demand higher reliability and long-term availability from systems being deployed. AMD understands these challenges and offers a wide range of solutions that combine eye-catching graphics performance with a high-value feature set. AMD CPU, GPU and APU processors are high-quality products certificated by industry-leading hardware and software partners and trusted by businesses worldwide.

AMD Eyefinity Multidisplay Technology

AMD Eyefinity technology is available on many of our digital signage and display wall graphics solutions. It is a unique multidisplay technology enabling up to six displays to be driven from a single system with one GPU. It is possible to create scalable video-walls with 12 or more screens from just a single system outfitted with multiple AMD Radeon™ or AMD FirePro™ graphics cards, giving you the ability to showcase a mix of images, videos or other content simultaneously. To achieve the same result, other vendors require the use of complex and expensive multi-GPU configurations or clusters of systems.
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 for full details.

2. AMD PowerTune and AMD ZeroCore Power are technologies offered by certain AMD FirePro™ products, which are designed to intelligently manage GPU power consumption in response to certain GPU load conditions. Not all products feature all technologies – check with your component or system manufacturer for specific model capabilities.

3. Five-year, seven-year and 10-year support offered, depending upon the AMD product. Please contact your AMD representative for more details.

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