The evolution to cloud computing and virtual desktop infrastructure (VDI) has transformed the way data is stored, managed and accessed, accelerating the transition from legacy desktop PCs to thin clients across a wide range of use cases spanning healthcare, finance, government, retail, education and beyond. With increasing amounts of data and applications now residing in the cloud, thin clients enable secure “anytime, anywhere” access flexibility, with management and cost efficiencies that are hard to achieve with individually administered desktop PCs.

Thin clients powered by AMD Embedded G-Series and R-Series Processors deliver high performance compute and graphics processing, multi-display configurability, enhanced power efficiency, and R-Series processors include 4K HD video support. Delivering PC-caliber user experiences with an attractive total cost of ownership (TCO), AMD powered thin clients can increase workforce productivity for end users and IT administrators alike.

**THIN CLIENT BENEFITS**

**Fast, Flexible Access** – Thin clients provide users with secure, credential-verified access to data and applications in the cloud, regardless of the system they’re using – ideal for environments where users share multiple systems.

**Ease of Management** – Centralized, cloud-based data storage and administration precludes the need to configure, manage and backup individual PCs – cumbersome processes that consume valuable IT resources.

**Energy Efficiency** – Thin clients can be more energy efficient than desktops due to lower system power footprints, conserving energy at the device level which then ripples throughout the thin client network.

**Security and Protection** – With thin clients, all data is stored and protected in the cloud, helping minimize the risk of data loss and/or malicious data tampering and theft at the device level.
**Regulatory Compliance** – Thin clients are inherently easier than PCs to configure and update as regulatory mandates evolve – patches and updates are applied directly to the cloud infrastructure, and automatically propagated to virtual desktops.

**Reliability** – Thin clients can eliminate the need for onboard fans and hard disk drives, thereby minimizing moving parts that can fail and cause additional maintenance costs – industry reports state that on average, thin clients can last 2-3X longer than conventional desktop PCs.*

**Ease of Deployment** – Simplified, remotely-administered configuration and set up makes thin client deployment virtually effortless, and their compact form factors enable a wide range of configurations in space-constrained environments.

**AMD ADVANTAGES**

AMD Embedded G-Series and R-Series Processors set new benchmarks for performance and energy efficiency for thin clients targeting healthcare, finance, government, retail, and education applications. Organizations of all sizes can take advantage of AMD-powered thin clients to help optimize workflow efficiency, improve data security and lower their operational costs.

AMD Embedded processors are available in a wide range of performance, power and security profiles, and are renowned for their graphics processing capabilities. Supporting multi-display configurability, with 4K HD video support on the R-Series processors, AMD-based thin clients equip users with rich multimedia capabilities that rival conventional desktop PCs.

- Full 4K HD support for unparalleled video and graphics quality, with hardware accelerated video decode for H.264, VC-1, MPEG-2, MPEG-4 Part 2, and DivX, with support for multiple video streams
- Low power consumption with thermals as low as 4.5W for a single CPU core and 6.4W for dual CPU cores
- Multi-display configurability, supporting up to four independent displays in formats including DisplayPort 1.2, HDMI™, DVI and LVDS
- Single-chip CPU, GPU and I/O controller integration, enabling compact system designs
- x86 ecosystem compatibility, with broad software support spanning VMware, Citrix, Windows®, Linux® and others
- Pin and software stack compatibility among select AMD Embedded processors enable portfolio scalability from entry-level to high-end thin client offerings

**AMD.com/Embedded**


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