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AMD Unleashes Ultra-Fast ATI Radeon E4690 Mobile PCI Express Module

Designed specifically for embedded systems

The ATI Radeon E4690 MXM
AMD

The truth of the matter is that we're using computing solutions in pretty much every aspect of our daily lives nowadays, whether we're talking about work, fun or everything else in between. And we're not talking just about notebooks, netbooks, smartphones, smartbooks or whatever here, but also about embedded systems, which are becoming more and more popular since they're very useful in streamlining some of our daily activities (like, for example, purchasing a ticket at the bus station).

Anyway, some of those embedded applications are pretty graphics-intensive, and, for this reason, they also require some pretty OK graphics components. And that's exactly the subject we'll tackle as follows, since AMD has just released a powerful graphics solution designed specifically for systems of this type, namely the ATI Radeon E4690 Mobile PCI Express module (MXM).

The ATI Radeon E4690 MXM features 512MB of on-board GDDR3 memory, 320 shader processors, a comprehensive set of display output options and adjustable system clocks for exacting power and performance requirements. It also delivers support for both Microsoft DirectX 10.1 and AMD's Unified Video Decoder 2 (UVD 2) and incorporates ATI PowerPlay intelligent power management technology, which helps it power consumption.

Additionally, system designers are also provided with a high level of flexibility with a comprehensive selection of outputs including dual independent display controllers, integrated DisplayPort, integrated single & dual-link LVDS, integrated single & dual-link DVI/TMDS/HDMI and analogue outputs.

"As the graphics requirements for embedded systems continue to increase, AMD has armed the ATI Radeon E4690 MXM with features that are important to our customers and done so within an industry-standard specification that helps simplify design, development and market delivery," said Richard Jaenicke, director of Embedded Discrete Graphics for AMD. "Based on the successful ATI Radeon E4690 GPU, the ready-made ATI Radeon E4690 MXM solution provides the graphics performance, energy efficiency and reliability customers need. This, coupled with the module's five year product life cycle, makes the ATI Radeon E4690 the easy answer for system designers looking to gain competitive advantage in the marketplace."

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