Quad-Core AMD Opteron Processor Family Expands with New Low-Power Options

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AMD today introduced the industry's first energy-efficient x86 server processors with four processing cores and an integrated memory controller all in a low 55-watt ACP thermal envelope. Blade and rack systems based on five new low-power Quad-Core AMD Opteron HE (Highly Efficient) processors are now widely available from global OEMs and solution providers.

"Our new Quad-Core AMD Opteron HE processors were designed to help datacenter managers who see power consumption and virtualization as the keys to solving their overall performance equation," said Randy Allen, corporate vice president and general manager, Server and Workstation Division, AMD.

"These new processors which feature AMD's advanced power management and virtualization innovations offer a compelling platform for power-conscious datacenter managers who are changing the way they think about performance."

Quad-Core AMD Opteron HE processors are available in both the 2300 and 8300 Series for two-, four- and eight-way rack servers and blades. The new processors have set new performance records among comparable x86 energy-efficient processors, such as top scores for SPECfp_rate2006 in both two- and four-processor configurations, offering businesses of all sizes the exceptional scalability and efficiency benefits of AMD's unrivaled Direct Connect Architecture.

Source: AMD

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