



Supermicro Showcases Six-Core AMD Opteron(TM) Server and Blade Solutions at SuperComputing 2009 (SC '09)

PCI Express 2.0, 40Gb/s QDR InfiniBand, 6Gb/s SAS, Gold Level Power Efficiency

PORTLAND, Ore., Nov 16, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server solutions, is demonstrating its latest high-performance computing (HPC) server and blade solutions this week at SuperComputing 2009 in the Oregon Convention Center, booth 2355. These solutions, based on the new AMD SR56xx/SP5100 chipset and optimized for Six-Core AMD Opteron(TM) processors, boost performance with PCI Express 2.0 to double I/O throughput and support 40Gb/s QDR InfiniBand for high-bandwidth connectivity.

"Supermicro's new quad-processor (MP) and dual-processor (DP) A+ server and blade solutions deliver superior performance, density and efficiency to the HPC and datacenter markets," said Charles Liang, president and CEO of Supermicro. "In addition to PCI Express 2.0 and QDR InfiniBand interfaces, our high-quality Server Building Block Solutions feature extremely high efficiency (93%+) Gold Level power supplies and deliver advanced features like 6Gb/s SAS 2.0 storage, onboard IPMI 2.0 remote management, redundant power and cooling subsystems, as well as optimization for GPU computing."

"We selected Supermicro because of their cutting-edge blade technology in the supercomputing space," said Lennart Johnsson, Professor, School of Computer Science and Communications and Director of PDC at KTH and a Hugh Roy and Lillie Cranz Cullen Distinguished Professor of Computer Science, Mathematics and Electrical and Computer Engineering and Director of the Texas Learning and Computation Center, University of Houston. "Supermicro's leading power efficiency, high density, design along with AMD's latest six-core CPU and PCIe Gen 2 chipset and the power management features offered at various levels were key deciding factors due to our environmental and cost concerns; concerns that are shared by PRACE partners. This new AMD technology-based 4-way SuperBlade(R) helps us control our power and cooling costs compared to traditional server technology, providing a benefit for the research communities of PRACE and others."

"With their continued innovation around AMD server platform technology, Supermicro is supplying the HPC and datacenter market with innovative, high-end solutions that deliver the cost and power efficiencies these customers need today," said Patrick Patla, Vice President and General Manager, Server/Workstation and Embedded division, AMD (NYSE: AMD). "AMD's industry-defining multi-core processor technology, now combined with an advanced chipset, provides customers with an optimized platform to help lower energy consumption, while still addressing the compute-intensive demands of the high-performance market."

Supermicro's extensive range of A+ building block solutions includes both DP and MP servers and workstations in 1U, 2U, 4U, tower, and blade form factors. For more detailed information on these new solutions, please visit www.supermicro.com/SR5690_SP5100/.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and feature advantages. For more information on Supermicro's complete line of server, workstation and blade solutions go to www.supermicro.com.

About Super Micro Computer, Inc. (NASDAQ: SMCI)

Supermicro emphasizes superior product design and uncompromising quality control to produce industry-leading serverboards, chassis and server systems. These Server Building Block Solutions provide benefits across many environments, including data center deployment, high-performance computing, high-end workstations, storage networks and standalone server installations. For more information on Supermicro's complete line of advanced motherboards, servers, and optimized chassis, visit www.supermicro.com, email Marketing@supermicro.com or call the San Jose, CA headquarters at +1 408-503-8000.

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