



Supermicro Optimizes Full Line of AMD-based Server, Blade, and Workstations for New Six-Core Processors

--New 2U Twin2 ("Twin Squared") with 48 Cores, 1U Twin and Quad Servers with 24 Cores Optimized for Six-Core AMD Opteron(TM) Processors

SAN JOSE, Calif., June 1, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, today announced that its full range of A+ Server, SuperBlade(R) and workstation platforms have been fully optimized to support the new Six-Core AMD Opteron(TM) processors (code-named Istanbul). This comprehensive line of solutions includes the new 2U Twin2 with four hot-swappable dual-processor computing nodes which supports up to 48 processing cores, as well as 1U Twin(TM) and quad-processor 1U servers which support up to 24 processing cores in a 1U form factor.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20090601/AQ24915>)

"Our six-core A+ solutions deliver great value to customers in all segments of the server, blade and workstation marketplace," said Charles Liang, president and CEO of Supermicro. "With a comprehensive selection of high-quality Server Building Block Solutions(R) to choose from, Supermicro offers truly application-optimized platforms. The leading system-level power efficiency of our cutting-edge server designs enables us to offer earth-friendly solutions with exceptional performance-per-watt capabilities that empower customers to grow, adapt and scale as their business demands evolve."

"With their continued support of AMD64 technology, Supermicro is supplying the channel with innovative, high-end solutions that deliver the cost and power efficiencies customers need most," said Patrick Patla, Vice President and General Manager, Server and Workstation division, AMD (NYSE: AMD). "AMD's industry-defining multi-core technology and Direct Connect Architecture enable superior overall system performance and efficiency, addressing the compute-intensive demands of the high-performance market."

In addition to the many performance enhancements in Six-Core AMD Opteron processors, Supermicro offers Six-Core A+ solutions with the following high-performance design features:

- 2U Twin2 designs: Provide four hot-plug DP nodes, up to 256GB memory, 12 hot-swap 3.5" drives, optional 20Gb/s InfiniBand and redundant power
- 1U Twin designs: Provide two DP nodes, up to 128GB memory and optional InfiniBand
- Universal I/O designs: Provide flexible I/O customization and investment protection
- High memory capacity: 16 DIMM and 32 DIMM models with high capacity memory support to dramatically improve memory and virtualization performance
- Dual Hyper-Transport(TM) technology link designs: Superior system bandwidth and performance
- Hyper-Transport Extension connector design: Helps to enlarge product support scope with Hyper-Transport connection devices
- High-efficiency VRMs: Save energy and reduce electricity costs
- High-efficiency power supplies: Further increases overall system power savings

- Up to 10 quad-processor (MP) or dual-processor (DP) Blades in a 7U enclosure: Industry-leading density and power efficiency with up to 240 processor cores and 640GB memory per 7U enclosure

The full range of Six-Core Supermicro A+ solutions includes both DP and MP servers and workstations in 1U, 2U, 4U, tower, and blade form factors. For more detailed information on Supermicro's Istanbul solutions, please visit www.supermicro.com/Istanbul/.

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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