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Supermicro Sets New Performance-Per-Watt and Per-Dollar Standard for x86 Server Market

--The Broadest Lines of New Xeon(R) Processor 5500/3500 series (Nehalem) Server, Workstation and Blade Solutions

SAN JOSE, Calif., March 30, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server solutions, today launched a comprehensive new line of server and workstation solutions specially designed to support the Intel(R) Xeon(R) Processor 5500 series (formerly codenamed Nehalem). Supermicro has started shipping its new 2U Twin2 ("Twin Squared" with four hot-pluggable DP nodes), newly invented Twin GPU 1U server/workstation, the award-winning 1U Twin(TM), SuperBlade(R), flexible Universal I/O (UIO) server, SAS2 storage systems, as well as its strong line of traditional application-optimized server solutions. Featuring the highest efficiency in the industry power supplies (93%+*), cooling subsystems and motherboard designs, Supermicro solutions set a new record for the best performance-per-watt (375 GFLOPS/kW*) and also deliver the best performance-per-dollar and performance-per-square-foot.

(Photo: http://www.newscom.com/cgi-bin/prnh/20090330/AQ90589)

Based on the company's latest application-optimized Server Building Block architectures, Supermicro maximizes the new Nehalem technology, which includes QPI (Intel(R) QuickPath Interconnect) for up to 6.4GT/s, Integrated DDR3 Memory Controller, multiple power envelops, and Intel(R) Turbo Boost Technology, to provide the industry's highest performing and most optimized new generation server solutions.

"The 2U Twin2, Twin GPU 1U server, and 93%+ technologies offer extra performance, TCO savings and computing density, especially when powered by new Nehalem processors," said Charles Liang, CEO and president of Supermicro. "Our solutions deliver the highest system-level efficiency in the industry. This increases the maximum computing power per rack and lowers the total cost of ownership, while also reducing energy consumption and preserving the environment."

"The new Intel(R) Xeon(R) Processor 5500 series provides a foundation for Supermicro to deliver its customers new levels of system intelligence, with the processor's ability to dynamically optimize itself to meet the performance and energy efficiency requirements of a given workload and customer environment," said Kirk Skaugen, vice president and general manager of Intel's Server Platforms Group. "Intel is thrilled with the collaboration and innovation we've seen from Supermicro around this new breakthrough in intelligent processing."

Based on the company's successful Server Building Block Solutions(R) business model, Supermicro offers customers the industry's most complete selection of products based on the new Intel Tylersburg chipset including the following:

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SuperServers:
1026TT Series - 1U Twin with 2 DP nodes, 8 drive bays, up to 192GB DDR3
6026TT Series - 2U Twin2 with 4 DP nodes, 12 drive bays, up to 384GB DDR3
1016T Series - 1U UP with 8 drive bays, up to 24GB DDR3 and a PCI-E 2.0
x16 slot
5016T Series - 1U UP with up to 24GB DDR3 and a PCI-E 2.0 x16 slot
1026T Series - 1U DP with up to 8 drive bays, 96GB DDR3 and a PCI-E 2.0
x16 slot
6016T Series - 1U DP with up to 4 drive bays, 96GB DDR3 and a PCI-E 2.0
x16 slot
5026T Series - 2U UP with 6 drive bays, up to 24GB DDR3, 6 expansion slots
6026T Series - 2U DP with 8 drive bays, up to 144GB DDR3 and 7 expansion
slots
6036T Series - 3U DP with 8 drive bays, up to 96GB DDR3, 100% cooling
redundancy
7046T Series - 4U/Tower DP with 8 drive bays, up to 144GB DDR3 and 7
expansion slots
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SuperWorkstations:
7046A Series - 4U/Tower DP with 8 drive bays, up to 144GB DDR3, two PCI-E
2.0 x16 slots
7036A Series - Mid-tower DP with 4 drive bays, 25dB sound level, up to
48GB DDR3

SuperBlade(R) Servers:
SBI-7126T-S6 - DP blade with onboard SAS-2, 6 hot-plug drive bays, up to
96GB DDR3
SBI-7426T-S3 - DP blade with onboard SAS-2, 3 hot-plug drive bays, up to
96GB DDR3
SBI-7426T-T3 - DP blade with 3 hot-plug drive bays, up to 96GB DDR3
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80 PLUS(R) Gold power supplies with PM-Bus come standard with nearly all of these new Nehalem systems to deliver 93%+* power efficiency. Supermicro provides the ultimate in storage and networking flexibility with its Universal I/O (UIO) interface that allows customers to choose from a host of I/O cards including SAS 2.0, 10Gb Ethernet, Fiber Channel or InfiniBand subsystems. For optimum performance-per-dollar and best remote management, Supermicro also offers onboard IPMI 2.0 with media and KVM-over-LAN support on many of these new platforms, as well as 10Gb Ethernet, cost-effective DDR and high-performance QDR onboard InfiniBand versions for its 1U Twin(TM)/2U Twin2 serverboards.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and feature advantages. To see Supermicro's complete line of Nehalem server, workstation and blade solutions, please go to Xeon 5500.

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, SuperServers, 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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* Peak performance-per-watt and power efficiency figures based on internal test results.

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