



April 22, 2009

## Supermicro Shows Advanced Twin Technology with Four Nehalem DP Servers in 2U at ISS EMEA

PRAGUE, Apr 22, 2009 (PR Newswire Europe via COMTEX News Network) -- New Nehalem 2U Twin2 ("Twin Squared") SuperServers Deliver Industry's Best Performance-per-Watt and Performance-per-Dollar

Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server solutions, is showcasing a 2U Twin2 SuperServer with four hot-pluggable computing nodes in a 2U chassis and several other new Nehalem-based solutions today at the Intel Solution Summit (ISS) EMEA 2009, April 22-24 at the Hilton Prague. These new systems are optimized to fully leverage the benefits of the Intel(R) Xeon(R) Processor 5500 (Nehalem) Series to deliver the best performance-per-watt and performance-per-dollar in the industry. Compared to previous generation Xeon platforms, Nehalem features more than double the CPU, triple the memory and triple the I/O bandwidth to deliver the largest increase in performance in the history of Intel's Xeon product line.

"Building on our innovative 1U Twin(TM) server technology, Supermicro's high-density 2U Twin2 architecture achieves breakthrough x86 server performance-per-watt (375 GFLOPS/kW\*) and performance-per-dollar while facilitating easy maintenance," said Charles Liang, CEO and president of Supermicro. "With optimized 93%+\* high-efficiency power supplies, newly designed CPU cooling components and air channels, and the most updated motherboard voltage regulator module (VRM) designs, Supermicro 2U Twin2 servers deliver the best performance-per-watt of any server solution available in today's x86 server market."

"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 Intel(R) 5520 (Tylersburg) chipset, Supermicro Nehalem platforms support up to 144GB DDR3 memory in 18 DIMM slots. Several new high-performance Supermicro platforms feature dual IOH-36D controller chips to support up to 72 PCI-Express 2.0 links for unprecedented I/O capacity and performance (such as 4 x16 PCI-E Gen2 slots for high-end nVidia/ATI GPU applications) with optional SAS 2.0 for a 6 Gb/s per port transfer rate.

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

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

Established in 1993, 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](http://www.Supermicro.com), email [Marketing@Supermicro.com](mailto:Marketing@Supermicro.com) or call the San Jose, CA headquarters at +1-408-503-8000.

SMCI-F

Supermicro and Server Building Block Solutions are registered trademarks and 1U Twin and 2U Twin2 are trademarks of Super Micro Computer, Inc. Other names, brands and trademarks are the property of their respective owners.

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

Contact: Michael Kalodrich  
[michaelk@supermicro.com](mailto:michaelk@supermicro.com)

Super Micro Computer, Inc., +1-408-503-8000, [Marketing@Supermicro.com](mailto:Marketing@Supermicro.com); or

Michael Kalodrich, [michaelk@supermicro.com](mailto:michaelk@supermicro.com)

---

Copyright (C) 2009 PR Newswire Europe

News Provided by COMTEX