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## Supermicro Showcases Latest Innovations in Server Technology at CeBIT

### New Double-Density TwinBlade(TM) Features 20 (28) DP Servers in 7U for 75% Space Savings with 94% Power Efficiency

HANNOVER, Germany, March 2, 2010 /PRNewswire via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a global leader in application-optimized, high-performance server solutions, is showcasing the very latest innovations in server technology, including its breakthrough [TwinBlade](#) solution, at CeBIT 2010 in Hannover, Germany (Hall 17, Stand D70, booth B1). The innovative TwinBlade(TM) system doubles the number of dual-processor (DP) compute nodes per 7U enclosure to 20 (28), for an incredibly dense and cost-effective 0.35U (0.25U) per node.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20100302/AQ61573>)

"Our 20 (28)-node server system based on the [SBI-7226T-T2 blade](#) delivers unprecedented performance-per-dollar and performance-per-square-foot," said Charles Liang, CEO and president of Supermicro. "Available with 40Gb/s QDR InfiniBand switches, this optimized blade solution combines industry-leading 94%\* power supply efficiency with our innovative and highly efficient thermal and cooling system designs to deliver exceptional system performance-per-watt, making it the greenest, most power-efficient blade solution in the world today."

For maximum density and computational performance, the TwinBlade(TM) supports up to 20 dual-socket server blades per 7U enclosure, enabling up to 2,880 processing cores per 42U rack. Combined with dual 40Gb/s InfiniBand, FCoE or 10GbE switches and dual 1/10GbE switches in one 7U enclosure, TwinBlade(TM) provides the highest performing I/O throughput and scalability in the industry and is a superb solution for high-performance computing (HPC), datacenter, enterprise and cloud computing environments. With successful deployments at CERN, PRACE, and other Fortune 100 organizations, SuperBlade(R) has already become the preferred solution for a wide range of mission-critical applications.

Another breakthrough product being displayed at CeBIT is Supermicro's [Double-Sided Storage](#)(TM) system. With redundant Platinum Level (94%+ efficiency) power supplies, the SC847 series server chassis feature 36 hot-swap 3.5" hard drive trays (24 in the front and 12 in the rear). For JBOD configurations, the SC847 can support 21 drives in the rear for a total of 45 drives.

These high-capacity storage chassis provide direct hot-swap access to all of the storage drives while saving valuable rack space. Featuring the world's first fully redundant Platinum Level power supplies with PMBus(TM) functionality for superior power management, these reliable storage workhorses support seven low-profile (LP models) or four full size and three low-profile expansion cards (UIO models). The SC847 chassis support both 6Gb/s and 3Gb/s SAS interfaces for high-bandwidth storage applications. Deploying these chassis into a new 42U Supermicro rack with flexible cable management eliminates cable obstructions for a truly optimized total solution.

Also being officially unveiled at CeBIT is the new SuperServer 4146B-3R. This server supports four Intel(R) Itanium 9300 Series processors. Offering the ultimate in reliability, availability and serviceability (RAS), the 4146B-3R features hot-plug CPU and memory modules, hard drives, power supplies, and expansion cards, making it an excellent solution for high-performance datacenter and mission-critical applications.

In addition, Supermicro is showcasing an extensive selection of new platforms optimized for Intel's upcoming Xeon processors codenamed Westmere (DP) and Nehalem EX (MP), as well as platforms optimized for AMD's upcoming Opteron processors (codenamed Magny-Cours).

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and features. See the very latest innovations in server technology in Hall 17, Stand D70, booth B1.

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

Supermicro, the leader in server technology innovation and green computing, provides customers around the world with application-optimized server, workstation, blade, storage and GPU systems. Based on its advanced Server Building Block Solutions, Supermicro offers the most optimized selection for IT, datacenter and HPC deployments. The company's system

architecture innovations include the Twin server, double-sided storage and SuperBlade(R) product families. Offering the most comprehensive product lines in the industry, Supermicro provides businesses of all sizes with energy-efficient, earth-friendly solutions that deliver unmatched performance and value. Founded in 1993, Supermicro is headquartered in Silicon Valley with worldwide operations and manufacturing centers in Europe and Asia. For more information, visit [www.supermicro.com](http://www.supermicro.com).

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\* Peak power efficiency figures based on internal test results.

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