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## Supermicro Launches 8-Way Enterprise Server and GPU SuperBlade(R) Systems at CeBIT

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- 8-Way 5U Server and 20-GPU SuperBlade(R) with Two QDR IB Switches in 7U

Super Micro Computer, Inc. (Nasdaq: SMCI), a global leader in application-optimized, high-performance server solutions, is releasing its 8-Way Enterprise Server solution with up to sixty-four Xeon processor cores in 5U (80 cores coming soon), and its SuperBlade(R) system that supports 20 GPUs in a single 7U blade enclosure, at CeBIT 2011 in Hannover, Germany (Hall 2, Stand F38). Other offerings showcased by Supermicro include the 2U Twin (2U Twin Cubed) with eight low-power nodes in 2U, a 10 Gigabit Ethernet Switch for top-of-rack or standalone use, the SuperServer 6046T-TUF 4U Embedded / IPC Server, new SC732 and redundant power SC813MTQ chassis, next generation UP servers, and software and services partnerships.

(Photo: <http://photos.prnewswire.com/prnh/20110301/AQ54281-a>)

(Photo: <http://photos.prnewswire.com/prnh/20110301/AQ54281-b>)

"Compared to other GPU-enabled blade solutions Supermicro's GPU SuperBlade(R) provides more than double the number of GPUs per 1U of rack space, and our 8-Way SuperServer(R) is unique in the industry with support for eight next-generation ten-core Intel(R) Xeon(R) MP processors in a 5U form factor, up to 2TB of memory and 10 PCI-E 2.0 slots for high availability and virtualization support. Taken together with Supermicro's broad line of 1U, 2U and 4U GPU supercomputing servers, we have established undisputed leadership in the new and rapidly evolving GPU computing business space," said Charles Liang, CEO and president of Supermicro. "These new products play well into our strategy to deliver the end-to-end IT hardware needs of data center, HPC and server farm customers. Our new Green Expansion in Asia-Pacific with Operations Center in Taiwan encompassing 1.6 million ft(2), and systems integration logistics center in Europe, represent our strong commitment to growth and will increasingly support a growing ecosystem of services partners. Our aim is to expand in this manner both vertically and horizontally to enable new customer opportunities and relationships for Supermicro."

The Supermicro SuperServer(R) 5086B-TRF next-generation 8-Way SuperServer(R) provides up to 2TB of DDR3 memory in 64 DIMMs, 10 PCI-E 2.0 expansion slots, Gold / Platinum Level power supplies, and up to 24 2.5" hard drives into 5U to deliver exceptional density. In addition users can integrate up to 4 GPUs to take advantage of the exceptionally large memory footprint to address heretofore unmanageable large scale computing projects.

The unprecedented high-density GPU SuperBlade SBI-7126TG supports two NVIDIA Tesla M2050/M2070 GPU cards with non-blocking native Gen2 PCI-Express x16 connections per node. Supermicro's SuperBlade system equipped with SBI-7126TG modules enables up to 120 of the highest performing Fermi GPUs plus 120 of the latest Xeon 5600 series processors to be deployed in a standard 42U rack. Equipped with dual IOH chips and dual 40Gb/s QDR IB HCA per blade, this GPU SuperBlade solution delivers maximum performance with the best CPU to GPU balance and optimized I/O.

In addition at CeBIT Supermicro extends its lead in Twin server technology with the 2U Twin(3) SuperServer(R) 2015TA-HTRF system that includes eight Intel hot-pluggable Atom(TM) dual-core processor nodes in a 2U form factor (two nodes per single hot-swap unit). Each node also supports 4 GB of non-ECC DDR3-800 MHz SO-DIMM, dual Gigabit Ethernet LAN, 2 USB ports, IPMI 2.0 with virtual media over LAN support, and 3x 2.5" SATA hot-swap HDDs. The system also includes (1+1) redundant 720W Gold Level power supplies with PMBus, and four high quality fans with optimized fan speed controls.

The addition of Supermicro's new 24-port 10GbE switch, the SSE-X24S, broadens Supermicro's portfolio of GbE and InfiniBand switches to enable powerful networking with the most cost-effective switches available. Available in a 1U form factor for either stand-alone or top-of-rack deployments, this layer 3 switch allows connectivity to 10GbE routers, servers, backbones, and data centers. A comprehensive routing and protocol software suite ensures exceptional performance in even the most demanding enterprise-class networking environments.

The SuperServer(R) 6046T-TUF ranks among the most optimized platforms supporting the Embedded / IPC user base

available today. The 4U short-depth SYS-6046T-TUF includes enhanced cooling and also offers an onboard Baseboard Management Controller (BMC) with advanced IPMI 2.0 to enable both media-over-LAN and KVM-over-LAN access via a dedicated LAN port for convenient remote system management anytime from anywhere. Powered by Supermicro's X8DTE-F serverboard with 7-year component lifecycle, the product supports up to two Intel Xeon 5600 processors, and 192GB of DDR3 1333MHz memory.

The new SC732 enterprise mid-tower desktop chassis includes 500W / 865W high-efficiency PS2 power supplies, four internal 3.5" bays and four optional 2.5" internal bays, with two standard 5.25" plus one 3.5" external peripheral bays. The SC732D boasts four front USB 3.0 ports, two front IEEE 1394a Firewire ports, and two front DH/AC97 audio ports, while the SC732i offers two front USB 2.0 ports. The SC732 includes a host of unique, user-friendly design features for easy installation including a toolless side panel and drive bays, 90-degree pivoting hard disk drive cage, easy cable management system, and folded edges for safety. In addition Supermicro's popular SC813MTQ high-performance compact (less than 20-inch depth) chassis is the only one on the market now available with redundant power supplies (400W / 600W Gold Level).

Supermicro's partnerships expand its vertical scale by providing additional functionality, services, and software for customers using Supermicro servers and equipment. Supermicro's partnerships and directions at CeBIT include:

- Microtronica: Supermicro virtualization cluster with storage
  - Happyware: cluster solution with Supermicro Twin products
  - Boston Ltd.: high availability NAS with SuperRack(R) and SuperBlade(R) solutions
- Reldata: Supermicro SBB (Storage Bridge Bay) Storage Solutions with RelVOS
- Fusion IO: I/O Drive Octal with Supermicro 1U, 2U and 4U servers
- University of Frankfurt: Supermicro AMD GPU HPC solution
- ESL (Hall 23): Supermicro Gaming Server and Supermicro Desktops

In addition, Supermicro is showcasing an extensive collection of new server and serverboard platforms optimized for Intel's upcoming UP Xeon processors codenamed Sandy Bridge-DT. See the very latest technology innovations in Server Building Block Solutions(R), with exceptional flexibility and features from Supermicro, in Hall 2, Stand F38.

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 <http://www.supermicro.com>.

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

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Contact: Angela Rosario [angelar@sspr.com](mailto:angelar@sspr.com)

Angela Rosario of Super Micro Computer, Inc., [angelar@sspr.com](mailto:angelar@sspr.com)

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