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Supermicro® Exhibits its Latest X9 Server and Storage Innovations at Computex, Taiwan

New SuperServer® and SuperStorage Solutions are the Building Blocks for Large Scale Energy Efficient Data Centers, Cloud and High-Performance Computing

TAIPEI, Taiwan, June 4, 2012 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server technology and green computing, displays its full range of computing solutions optimized for large scale IT deployments at Computex, Taiwan June 5-9. Exhibits will include a vast selection of [X9 Server Solutions](#), Serverboards, SuperBlade®, SuperWorkstations and SuperStorage systems with the latest Intel® Xeon® E5-2600/4600/2400 and E3-1200 v2 series processors optimized for a wide range of applications across Data Center, Cloud Computing, HPC and Embedded environments. Rounding out their exhibit, Supermicro will demo complete integrated solutions in a SuperRack® with their 10GbE top-of-rack network switch and their Server Management Software optimizing the power and performance of the interconnected systems.

(Photo: <http://photos.prnewswire.com/prnh/20120604/AQ17773-a>)

"At Computex, we highlight our X9 generation solutions, the largest development endeavor in Supermicro's history," said Charles Liang, President and CEO of Supermicro. "Our latest products deliver highly scalable computing and storage solutions to our customers with 30-40% performance and efficiency gains across the board when compared to prior generation products. Our innovations in free-air cooling system designs that withstand extreme 47 degrees C operating conditions, high-efficiency (95%+) digital switching power supplies and battery backup power modules, data center server management software and integration of the industry's latest processor technologies combine to drive energy costs down and provide the fastest ROI without compromise in performance."

As the company enters into the second half of 2012, Supermicro is bringing even more innovative technologies to market that will further offset costs of future computing demands. For example, the company's next generation Twin architecture, called FatTwin™ is scheduled to be shown in Computex to partners, while the general public can expect to have access to the platform within the next few weeks.

At the show Supermicro will demo its latest energy efficient green server solutions designed to reduce air conditioning costs by operating at extended temperature ranges of 0 degrees C to 47 degrees C. The 1U [SYS-6017R-TDAF](#) supports 4x hot-swap 3.5" SATA HDDs and the 2U [SYS-6027R-TDARE](#) supports 8x hot-swap 3.5" SATA HDDs. Both servers, based on Supermicro's [MBD-X9DRD-iF](#) serverboard, are designed specifically for free-air cooled operation to help Data Centers achieve the lowest possible power usage effectiveness (PUE < 1.1). These servers will be interconnected through Supermicro's new 52-port [SSE-G2252P](#) 1G, Layer 2 Top-of-Rack Ethernet switch which operates at up to 50 degrees C and features Energy Efficient Ethernet along with Power over Ethernet (PoE) support. This integrated demo will be housed in Supermicro's 42U [SuperRack®](#) and managed via Supermicro Data Center Management software which provides configuration and monitoring for efficient energy management down to individual nodes within a large scale deployment. Supermicro will also showcase battery backup power (BBP™) modules that can potentially reduce data center electricity expenses up to 10% and can eliminate/reduce the footprint of UPS in data centers.

On the Data Center, HPC and Cloud computing front Supermicro will showcase its MicroCloud™ ([SYS-5037MR-H8TRF](#)) supporting 8x modular hot-swap UP (uni-processor) nodes in 3U, a high-density 2U Twin(2)([SYS-6027TR-H70FRF](#)) with 4x hot-swap DP (dual-processor) nodes in 2U. Supermicro's flexible WIO (wide I/O) SuperServers in 1U UP ([SYS-5017R-WRF](#)) and 2U DP ([SYS-6027R-N3RFT+](#)) configurations offering maximum I/O and networking expandability. Storage solutions will also be exhibited including the 2U SuperStorage server ([SSG-6027R-E1R12N](#)) supporting 768GB of memory and 12x hot-swap 3.5" SAS2/SATA3 HDDs as well as an early look at Super SBB High Availability Storage server [SSG-2027R-DE2R24L](#) featuring 24x 2.5" HDD bays shared between both server nodes.

For HPC applications Supermicro will display its high-compute density [SuperBlade®](#) featuring the TwinBlade® ([SBI-7227R-T2](#)) with two processors per node for up to 40 CPUs (320 cores) in 7U and X9 GPU Blade ([SBI-7127RG](#)) offering two CPUs and two GPUs per blade, a whopping 20 GPUs and 20 CPUs in 7U enclosure. X9 GPU supercomputing is further promoted with the 1U 4 GPU Server ([SYS-027GR-TQFT](#)) and 2U 6/4 GPU server ([SYS-2027GR-TRF](#)). In addition, Supermicro will show its 5U 8-Way ([SYS-5086B-TRF](#)), 1U/4U/Tower 4-way ([SYS-8017R-TF+](#)/[SYS-8047R-7RFT+](#)) configurations.

Additional exhibits include the recently announced [SYS-7047GR-TRF](#) SuperWorkstation with NVIDIA® Maximus™ Certification offering engineers, researchers and designers unrivaled supercomputing performance to simultaneously design, render and simulate on a single machine with Supermicro's industry leading 5x GPU (4x Tesla®, 1x Quadro®) configuration. A high-end X9 SuperWorkstation ([SYS-5037A-i](#)) with up to 256GB of memory, ideal for a variety of business and professional applications will be on display along with the new Tower SuperServer [SYS-7047R-TXRF](#) offering 11x PCI-E slots for ultimate expandability.

Supermicro will also have a variety of AMD Opteron™ 6000 series processor based systems in Tower DP ([AS-4022G-6F](#)) and MP 4-Way ([AS-4042G-TRF](#)), 2U Twin(2) DP ([AS-2122TG-HIBQRF](#)) and 2U DP UIO ([AS-2022G-URF4+](#)) systems on display at the show.

Visit Supermicro at Computex, Taipei 2012 in booth #M0633a or browse Supermicro's total line of high performance, high-efficiency server and storage solutions at www.supermicro.com.

About Super Micro Computer, Inc.

Supermicro® (NASDAQ: SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, HPC, Enterprise IT and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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