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Supermicro Expands Double-Sided Storage™ Total Solutions

World's Highest Density & Power Efficiency with up to 90TB Hot-Swap Storage

SAN JOSE, Calif., Dec. 22, 2010 /PRNewswire/ -- **Super Micro Computer, Inc.** (Nasdaq: SMCI), the global leader in server technology innovation and green computing, today announced two new additions to its Double-Sided Storage™ family.

First, the SC417 supports an industry-leading 88 hot-swap 2.5-inch enterprise-class hard drives in a 4U JBOD configuration. Second, the SC837 supports an industry-leading 28 hot-swap 3.5-inch enterprise drives in a 3U JBOD configuration. Both of these configurations provide the highest hot-swap storage density in their class, with the SC417 supporting up to 40 hot-swap drives in the rear and delivering nearly double the storage capacity while saving valuable rack space and reducing costs.

(Photo: <http://photos.prnewswire.com/prnh/20101222/AQ21192>)

"By optimizing these systems with Supermicro SAS controllers, validated memory and hard disks that have passed our stringent validation process, customers will benefit from an extremely reliable, high-quality storage solution," said Charles Liang, CEO and president of Supermicro. "Since first introducing our innovative Double-Sided Storage™ solution in 2009, the demand for this product line has ramped up very successfully. To address this strong demand for our high-capacity solutions, we're continuing to develop new designs and expand this product family."

Loading these Double-Sided Storage systems into Supermicro's SuperRack™ facilitates exceptionally clean cable routing for maximum airflow and easy access to the rear side hot-swappable hard drives and power supplies for unmatched ease of maintenance.

To meet the needs for higher power efficiency and storage capacity, these latest Supermicro storage solutions double the drive density while significantly reducing system power consumption. When combined with Supermicro high-efficiency Platinum (94%+) Level power supplies and industry leading cooling subsystems, these systems deliver maximum performance-per-watt and performance-per-dollar. The high-performance SC417 Double-Sided Storage™ solution currently supports over 52TB of hot-swap 2.5" enterprise SAS or SATA storage in 4U, while the new SC837 supports up to 56TB of 3.5" hot-swap storage in 3U and the SC847 supports up to 90TB in 4U.

Supermicro's full suite of 2U, 3U, 4U and Double-Sided Storage™ SAS2 expander chassis incorporate additional advanced features such as fully redundant cooling designs that protect system operation and performance even if a fan fails. Other features include SES-2 enclosure management and iPass cables that minimize the number of internal cables, thus improving system airflow, cooling, performance and reliability.

Supermicro high-performance storage solutions incorporate LSI™ 6Gb/s SAS silicon and MegaRAID technology, including the latest LSI 6Gb/s SAS expander and RAID-on-Chip (ROC) ICs. The E16 version single Edge-expander chassis can cascade up to 240 physical devices, while the E26 models with dual Edge-expanders support redundant data path failover protection for mission-critical applications. These versatile storage chassis all support a wide range of UP and DP serverboards up to 13.68" x 13", including those optimized for eight-core Xeon 5600 or the latest twelve-core Opteron processors, and up to 288GB of memory. Additionally, these chassis support up to seven full-height, full-length expansion cards, providing numerous options for enhanced storage performance.

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

Supermicro, the global 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® 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.

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