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Double-Sided Storage Solutions from Supermicro

Up to 45 Hot-Swap 3.5" Hard Drives in 4U with Platinum Level Redundant Power

SAN JOSE, Calif., Dec 01, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server and storage solutions, today launched the world's first line of double-sided storage chassis, which enable extra high-density storage. With Platinum Level (94%+ efficiency) redundant power supply support, Supermicro's new 847 series server chassis feature 36 hot-swap 3.5" hard drive trays with 24 in the front and 12 in the rear. For JBOD configurations, the chassis can support 21 HDDs in the rear for a total of 45 hot-swap 3.5" HDDs.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20091201/AQ17646>)

"These double-sided, high-capacity storage chassis provide customers with direct hot-swap access to all of the storage drives while saving valuable rack space," said Charles Liang, CEO and president, Supermicro. "In addition, these chassis feature Supermicro's advanced redundant cooling subsystem design to deliver optimal system efficiency, which saves customers hundreds of dollars per system on their yearly energy bills and helps preserve the environment."

Supermicro's new SC847A series of storage chassis support 36 hot-swap SAS/SATA drives in 4U. These reliable and maintenance-free storage workhorses also support up to seven low-profile add-on cards (LP models) or four full-height, full-length plus three low-profile add-on cards (UIO models). With iPass connectivity mapping four drives per cable for hassle-free maintenance, these new chassis are optimized for direct-attach storage solutions. They support both 3Gb/s and 6Gb/s SAS interfaces for high-bandwidth storage applications. When combined with Supermicro's wide selection of networking and storage controller cards, these systems are ideal for SAN or NAS applications as well as Cloud storage, SaaS, disaster recovery, and iSCSI solutions. Deploying these storage chassis into a new 42U Supermicro rack, which virtually eliminates cable obstructions, produces a truly optimized total solution.

All SC847 chassis flexibly support both uni-processor (UP) and dual-processor (DP) serverboards and feature optimized hard drive signal trace routing and improved hard drive tray designs to dampen vibration and maximize drive performance. Another unique Supermicro advantage is 100% cooling redundancy -- even if an internal cooling fan fails, these systems will continue operating without any performance loss. In addition, heavy-duty palletized packaging is standard to ensure secure system reliability during shipping, and tool-less, roller rail designs for easy installation and maintenance also come standard.

These new storage chassis feature the world's first fully redundant Platinum Level power supplies with PMBus(TM) functionality for superior power management, SES-2 features and enhanced hard drive trays, as well as 100% recyclable, palletized packaging. Consistent with Supermicro's application-optimized building blocks business model, the company offers a wide range of models including the SC847E16 series with a single SAS2 (6 Gb/s) expander capable of cascading up to 240 drives and the SC847E26 series with dual SAS2 (6 Gb/s) expanders for redundant data path failover protection for mission-critical applications.

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.

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, email Marketing@Supermicro.com or call the San Jose, CA headquarters at +1 408-503-8000.

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