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Supermicro Ships World's First 1U Server Solutions Achieving New Power Efficiency Standard

New 1U Chassis and SuperServers with up to 8 Hot-Swap 2.5" Hard Drives Demonstrated at LinuxWorld 2008

SAN JOSE, Calif., Aug 05, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, today announced volume shipments of the industry's first and only 1U chassis and servers with up to 90%+ power efficiency. Continuing its technology and design leadership, the company has launched three new 1U chassis and SuperServers featuring the first 80 Plus Silver-certified power supply for 1U systems, which will be on display at LinuxWorld 2008 in San Francisco, August 5-7, booth #1125.

(Photo: http://www.newscom.com/cgi-bin/prnh/20080805/AQTU077)

Optimized for 2.5" hard disk drives, the high-density SC113MTQ-560CB, the cost-effective SC111T-560 series and the high-performance SC113TQ-560 series chassis all feature a new 560-watt multi-output power supply that delivers 85%+ power efficiency when the system operates at or above 20% loading, making them the greenest standard 1U rack server solutions available. It is important to note that multiple-output power supplies deliver much more optimized system efficiency compared to single-output power supplies.

"With the cost of many 2.5" SAS drives having reached that of equivalent 3.5" drives, now is the time for customers to deploy the power-saving and performance advantages of these compact drives, and Supermicro offers the industry's most efficient server solutions optimized for 2.5" drives," said Charles Liang, CEO and president of Supermicro. "By combining the benefits of our silver-level up to 90% efficiency power supply and our efficient motherboard and thermal design technology with the energy-saving advantages of 2.5" disk drives, customers can realize significant energy cost savings and reduce their carbon footprint. In addition to lower latency, 2.5" drives enable a higher aggregate I/O bandwidth, empowering these servers to deliver up to 50 percent greater system performance in the same footprint."

Both the high-density, short-depth (20") SC113MTQ-560CB and the SC113TQ-560 chassis series support eight hot-swappable 2.5" hard disk drives. The versatile and cost-effective SC111T-560 series supports four hot-swappable 2.5" hard drives and, like the SC113TQ-560, features Supermicro's flexible Universal I/O (UIO) architecture as an option to support up to three add-on cards in a standard 1U form factor.

Featuring Supermicro's X7DCL-3 serverboard, the short-depth SuperServer 1025C-M3B and the cost-optimized SuperServer 1025C-3B combine onboard SAS with support for 8 and 4 hot-swap 2.5" drive bays, respectively. Based on the low-power Intel 5100 (San Clemente) chipset, these servers maximize energy and cost savings with native DDR2 memory support and offer the benefit of a very long product lifecycle (up to seven years).

For maximum performance in a standard 1U form factor, the SuperServer 1025W-UB, based on the Intel 5400 (Seaburg) chipset, supports a 1600MHz CPU bus and 800MHz FB-DIMM memory (including support for low-power 1.5V) as well as two PCI-Express 2.0 expansion slots with double the I/O bandwidth of PCI-Express 1.0 slots. Supermicro's flexible Universal I/O (UIO) architecture comes standard to support up to three add-on cards in this 1U server that supports eight hot-swap 2.5" drive bays and Supermicro's new 85%+ high-efficiency 560-watt power supply.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and superior feature advantages. For more information on Supermicro's complete line of server and workstation solutions go to http://www.Supermicro.com.

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

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

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* The 80 Plus power specification is based on established criteria from Energy Star(R) and the Climate Savers Computing Initiative (CSCI). It requires power supplies in computers and servers to deliver 80% or greater energy efficiency at 20%, 50% and 100% of the rated load with a true power factor of 0.9 or greater. At a step higher, the silver level requires 85% or more energy efficiency at or above 20% loading.

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