August 19, 2008

Supermicro Exhibits Energy-Efficiency Leadership with Live Blade and Rack Server Demos at IDF Fall 2008

New QPI Server Solutions, SuperBlade(R), 1U Twin (TM), and 2.5" HDD Servers and Storage

SAN FRANCISCO, Aug 19, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- INTEL DEVELOPER FORUM -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, is exhibiting its energy efficiency leadership with live SuperBlade(R) and QPI (Quick Path Interconnect) SuperServer demos at the Intel Developer Forum (IDF) 2008, Moscone Center West, San Francisco, August 19-21 in Gold Sponsor booth #301. In addition, Supermicro CEO and president, Charles Liang, will give a 50-minute presentation entitled "Green Design Innovations that Maximize Server Efficiency" in Room 2000 beginning at 5:00pm today.

"Supermicro's application-optimized server solutions empower our customers with the best green technology advantages available, such as 93%* peak power supply efficiency, more efficient thermal and cooling subsystems, more efficient board-level designs, and superior performance-per-watt (290+ GFLOPS/kW*)," said Charles Liang, president and CEO of Supermicro. "We also offer customers the widest selection of optimized server solutions to choose from, including the industry's most efficient 1U SuperServers featuring our new 560-watt power supply, our award-winning 1U Twin(TM) SuperServers with two nodes in a 1U, and our innovative Universal I/O (UIO) servers that support up to three high-performance add-on cards in a standard 1U platform. Our 1U SuperServers based on the Intel 5100 (San Clemente) chipset typically save customers $200-$500* in electricity costs over 3 years with excellent performance."

For the ultimate in power savings and performance-per-watt (290+ GLOPS/kW), nothing beats Supermicro's DatacenterBlade(TM) with up to 14 dual-processor (DP) blade modules based on the Intel(R) 5100 chipset in a 7U enclosure. Supermicro is providing a live demonstration of this data center-optimized solution at IDF.

Also 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 Supermicro's new 560-watt multi-output power supply that delivers 85%+ power efficiency when the system operates at or above 20% loading and peak efficiency 90%+ at 50% loading, making them the greenest standard 1U rack server solutions available. 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 chipset, these servers maximize energy and cost savings with native DDR2 memory support and offer the benefit of a long (7-year) product lifecycle.

Optimized for HPC environments, the quad-processor (4P) SuperServer 8015C-TB packs up to 24 processing cores into a 1U form factor when loaded with the upcoming 6-Core Dunnington processors, which Intel plans to launch in mid-September. Supermicro will be showing QPI implemented serverboards and platforms in booth #301, too.

Another live SuperBlade(R), which is a certified Intel(R) Cluster Ready (ICR) platform, is being demonstrated in booth #217 of the Intel SPG Zone. With ten DP blade modules based on the Intel 5400 chipset, this high-performance 7U blade solution supports up to 60 hot-swap 2.5" hard drives with an onboard LSI 1078 SAS controller and RAID 0, 1, 5, 6, 10, 50, 60 support.

"Supermicro's participation in the Intel(R) Cluster Ready program enables resellers worldwide to quickly deploy optimized turnkey high performance computing solutions," said Mark Spargo, Intel Corporation's director of Global High Performance Computing Sales. "Certified Intel Cluster Ready, Supermicro's OfficeBlade(TM) takes advantage of a full range of Intel(R) Xeon(R) processors to help it provide a low-power, low-noise cluster ideally suited for office environments, while its DatacenterBlade(TM) uses Intel(R) processors to help provide a high-density cluster solution to meet enterprises' high-performance computing needs."

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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* Peak performance, power efficiency and savings figures are based on internal testing results.

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