



November 18, 2008

## **Supermicro Demonstrates 300+ GFLOPS/kW HPC Solutions With Best Density at SuperComputing 2008 (SC '08)**

### **Personal Supercomputer, 1U Twin(TM), 4-way/2-way Blade and Rack Servers with Superior Computational Power, Performance-per-Watt and Energy Efficiency**

SAN JOSE, Calif., Nov 18, 2008 /PRNewswire-FirstCall via COMTEX News Network/ --

Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server and workstation solutions, is showcasing its industry-leading HPC server solutions at SC '08 in Austin, Texas (booth 1033). With superior computing density and energy efficiency, Supermicro's new breakthrough personal supercomputer, 1U Twin(TM) and 4-way/2-way blade and rack servers deliver exceptional performance while saving energy and operating costs.

"Our 10-blade server system based on the SBI-7125C-T3 blade is an extremely cost-effective supercomputer. This solution now provides the scientific community the opportunity to enable a personal supercomputer next to their desks with the same computing power previously only available via large server installations in a dedicated IT room," said Charles Liang, CEO and president of Supermicro. "This optimized blade solution features 93%\* power supply efficiency, innovative and highly efficient thermal and cooling system designs, and industry-leading system performance-per-watt (300+ GFLOPS/kW\*), making it the greenest, most power-saving blade solution."

As the industry's most optimized 1U HPC solutions, Supermicro 1U Twin(TM) servers support up to 4 processor sockets via two DP nodes in 1U of rack space. This 0.5U density (84 server nodes in a standard 42U rack) combined with optional onboard InfiniBand or 10GbE makes these platforms an excellent choice for high-performance computing (HPC) clusters where space, cost, energy-efficiency and density are high priorities. Upcoming Supermicro systems optimized for Intel's next-generation Xeon(R) (Nehalem) processors and the recently announced AMD Shanghai processors will be demonstrated at SC '08, too.

With its SuperBlade(R) family, Supermicro offers the industry's most extensive selection of application-optimized blade configurations. Supermicro's enterprise-class SuperBlade(R) features both dual and quad-processor blades for performance, scalability and flexibility. For maximum computational performance and density, SuperBlade(R) supports up to 10 four-socket server blades (160 CPU cores) in one 7U enclosure. With 960 processing cores per 42U rack and Mellanox 4X DDR InfiniBand, SuperBlade is one of the densest and fastest blade server solutions in the industry. Additional cost savings associated with less IT space required as well as easier maintenance and management make these solutions a very attractive option for enterprise and high performance computing applications.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and features. Come see Supermicro's latest HPC server solutions at booth 1033.

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, please visit <http://www.Supermicro.com>, email [Marketing@Supermicro.com](mailto:Marketing@Supermicro.com) or call the San Jose, CA headquarters at +1 408-503-8000.

SMCI-F

\* Peak performance and power efficiency figures based on internal testing results.

Supermicro and Server Building Block Solutions are registered trademarks and 1U Twin and SuperBlade are trademarks of Super Micro Computer, Inc. All other trademarks are the property of their respective owners.

SOURCE Super Micro Computer, Inc.

<http://www.Supermicro.com>

Copyright (C) 2008 PR Newswire. All rights reserved

News Provided by COMTEX