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Supermicro Launches Blade and HPC Solutions With 20Gb/s, Low-Latency InfiniBand Connectivity

SAN JOSE, Calif., March 20, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, today announced the availability of high-bandwidth, low-latency InfiniBand (IB) connectivity solutions for its SuperBlade(TM) and high-performance computing (HPC) product lines. Both the Supermicro AOC-UINF-M2 Universal I/O (UIO) network adapters and SuperBlade integrated switch and Mezzanine IB solutions are based on Mellanox(R) Technologies, Ltd. (Nasdaq: MLNX; TASE: MLNX) controllers for industry-leading 20Gb/s InfiniBand I/O performance.

(Photo: http://www.newscom.com/cgi-bin/prnh/20080320/AQTH019)

"These new IB switch and HCA solutions empower our HPC and enterprise customers not only with high-bandwidth (20Gb/s) connectivity, but also with hardware-based I/O virtualization and latency as low as 1.2 microseconds*," said Charles Liang, president and CEO of Supermicro. "Our SuperBlade IB switch supports up to fourteen internal ports and ten external ports for a total switch bandwidth of 960 Gb/s."

Supermicro has been shipping 4X DDR InfiniBand blade switches and HCAs, the industry's fastest (20Gb/s in each direction) blade server interconnect, since Q3, 2007. With 960 processing cores per 42U rack and 4X DDR InfiniBand, SuperBlade is the densest and fastest blade server solution 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.

"We are working with Supermicro to deliver a large breadth of optimized multi-core computing and storage servers," said Eyal Waldman, chairman, president and CEO at Mellanox Technologies. "With outstanding performance and power efficiency, Mellanox InfiniBand-accelerated, Supermicro servers and blade servers are ideal for enterprise data center environments and high-performance computing applications."

As the industry's most optimized 1U HPC solutions, Supermicro 1U Twin(TM) servers support up to 16 processor cores via two DP nodes, each with an onboard Mellanox 20Gb/s ConnectX(TM) InfiniBand controller, in 1U of rack space. Beside the HPC-optimized 6015TW-INF and 6015T-INF 1U Twin SuperServers, existing Supermicro UIO server customers can upgrade right away to dual-port InfiniBand with the new AOC-UINF-M2 adapter featuring dual CX4 connectors.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and 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.

* Figure based on internal MPI ping latency testing.

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