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Supermicro SuperBlade(TM) Shipping in Volume Now

SAN JOSE, California, Aug 01, 2007 (PR Newswire Europe via COMTEX News Network) --

Less than 2,700 watts for 10 Xeon DP Quad-core Blades

Super Micro Computer, Inc. (Nasdaq: SMCI), a worldwide leader in application optimized, high performance server solutions, today announced volume shipping of its new SuperBlade(TM) product line. With industry-leading power efficiency, the SuperBlade architecture supports current and next generation processors at all speeds. For instance, a fully loaded 10 DP blade system using quad-core Xeon L5310 or L5320 processors consumes less than 2,700 watts at maximum performance and still maintains the flexibility to support 4P blades at maximum frequency. SuperBlade supports the latest dual-processor (2P) quad-core and dual-core Intel Xeon(TM) processors as well as quad-processor (4P) AMD Opteron(TM) CPUs. Supermicro Server Building Block Solutions(R) provide versatile hot-swappable configuration flexibility for the enterprise, datacenter, high performance computing (HPC), and office computing environments.

(Photo: http://www.newscom.com/cgi-bin/prnh/20070731/AQTU110)

"Our earth-friendly power supplies deliver up to 93% efficiency," asserts Charles Liang, CEO and president of Supermicro. "Combining that with our super-efficient cooling design makes our SuperBlade the most earth-friendly server available. The unprecedented efficiency helps customers significantly lower their total cost of ownership (TCO) and save energy to help protect the earth."

1400-watt, 2800-watt or up to 7500-watt redundant power configurations provide high availability and the flexibility for customers to optimize the system power budget for specific applications. This helps customers achieve optimal power efficiency.

In addition to outstanding CPU performance-per-watt benefits, the SuperBlade features multiple integrated switch fabrics to optimize I/O performance and connectivity. High-speed, low-latency infiniband switching (20Gb/s per port) is ideal for clustering applications while two 10-external-port Gigabit Ethernet switches provide optimum network connectivity. A 10-Gigabit Ethernet switch will be in production soon.

For industry-leading density, the SuperBlade 7U enclosure holds ten 2P or 4P compute blades in any combination and the architecture supports both quad-core and dual-core CPUs across all speed grades. Six SuperBlade enclosures fit into a 42U rack. This allows incredible scaling to 160 processor cores per 7U enclosure or 960 processor cores per rack.

Other important advantages include up to 90% cable reduction and 65% rack-space savings to greatly simplify installation and save on cost while increasing reliability. The integrated chassis management module (CMM) with IPMI 2.0, KVM-over-IP, and Virtual-Media-over-LAN provides remote access to all compute blades, switches, power supplies, and cooling fans.

For detailed information on Supermicro's complete range of application-optimized Server Building Block Solutions(R), please visit http://www.supermicro.com.

About Super Micro Computer, Inc.

Established in 1993, Supermicro emphasizes superior product design and uncompromising quality control to produce industry-leading serverboards, chassis and server systems. These mission-critical 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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