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Supermicro Delivers 8-Core Xeon MP SuperServers

93%+ Energy-efficient 4-Way 1U, 2U & 4U SuperServers, Breakthrough Performance, new 8-Core Intel (R) Xeon(R) Processor 7500 Series

SAN JOSE, Calif., March 30, 2010 /PRNewswire via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server solutions, today announced availability of the industry's first line of 8-core, 4-way Xeon servers. Supermicro's 8016B-6F, 8016B-TF, 8026B-6RF, 8026B-TRF, 8046B-6RF and 8046B-TRF SuperServers optimized for the 8-Core Intel(R) Xeon(R) processor 7500 series feature up to 256GB memory, incredible 93%+ energy efficiency, and robust enterprise virtualization performance.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20100330/AQ78499>)

"With Supermicro's industry-leading, 93%+ high-efficiency Server Building Block Solutions(R), we are able to deliver exceptional value to customers looking for consolidation and virtualization," asserts Charles Liang, president and CEO of Supermicro. "Our 1U, 2U and 4U SuperServers optimized for the new Intel Xeon 7500 (Nehalem EX) processors provide compelling solutions for the dense rack segment. These servers can significantly boost both virtualization and overall performance compared to the previous generations having the same power envelope."

"The Intel(R) Xeon(R) Processor 7500 series is delivering unprecedented new levels of performance and platform scalability," said Kirk Skaugen, Vice President and General Manager of Intel's Data Center Group. "Supermicro's SuperServer line takes advantage of these new capabilities and offers customers 4-way server solutions well-suited for a variety of demanding enterprise and high performance computing applications."

Based on Supermicro's X8QB6-F and X8QBE-F serverboards, the 8016B-6F/TF, 8026B-6RF/TRF, 8046B-6RF and 8046B-TRF SuperServers all support up to 256GB of registered ECC DDR3 memory via 32 DIMM slots. Great for virtualization, this large memory capacity boosts performance for a wide range of applications. Leveraging Supermicro's superior engineering and server design technology, the SuperServer 8016B-6F is an extremely high-density solution particularly optimized for high performance computing cluster (HPCC) applications.

With 93%+ Gold-level power supply efficiency and optimal cooling designs, these energy-efficient servers deliver breakthrough performance-per-watt. The performance boosting features of Supermicro's new 4-way systems also include up to four PCI-E Gen 2.0 slots, 90%+ power efficient VRMs, and onboard 6Gb/s SAS (SAS 2.0) controller with hardware RAID 0, 1, 5, 6, 10 and 60 support comes standard on the 8016B-6F, 8026B-6RF and 8046B-6RF servers. These new platforms also offer onboard IPMI 2.0 with media and KVM-over-LAN support for optimal remote management.

Supermicro offers 4-way SuperServers that support the full range of Xeon 7500 processor SKUs. From performance optimized 130-watt to high-density rack-optimized 95-watt SKUs, customers now have many choices to select the server that is best for their requirements.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and feature advantages. For more information on these new Supermicro 4-way server solutions, please go to www.supermicro.com/xeon_7500/. In addition to these servers, a Supermicro 8-way 5U solution with 128 DIMMs is coming in Q2 for database customers and other back-end applications.

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

Supermicro, the leader in server technology innovation and green computing, provides customers around the world with application-optimized server, workstation, blade, storage and GPU systems. Based on its advanced Server Building Block Solutions, Supermicro offers the most optimized selection for IT, datacenter and HPC deployments. The company's system architecture innovations include the Twin server, double-sided storage and SuperBlade(R) product families. Offering the most comprehensive product lines in the industry, Supermicro provides businesses of all sizes with energy-efficient, earth-friendly solutions that deliver unmatched performance and value. Founded in 1993, Supermicro is headquartered in Silicon Valley with worldwide operations and manufacturing centers in Europe and Asia. For more information, visit www.supermicro.com.

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