Supermicro TwinBlade Offers 2,880 CPU Cores per Rack

New TwinBlade™ Modules Support up to 120 24-Core DP Nodes per 42U Rack, 94% Power Supply Efficiency, Lowest TCO and 40Gb/s InfiniBand

SAN JOSE, Calif., Nov. 12, 2010 /PRNewswire/ -- **Super Micro Computer, Inc.** (Nasdaq: SMCI), the global leader in server technology innovation and green computing, today announced the launch of two new AMD Opteron™ 6100 Series processor-based SuperBlade® modules, which the company will demonstrate at SuperComputing 2010, November 15-18 in New Orleans, Louisiana at the Ernest N. Morial Convention Center, booth 3829. Supermicro is introducing a new TwinBlade™ and a new 4-way blade, and both modules are optimized to support the latest 12-core AMD Opteron™ 6100 Series (Socket G34) processors for up 2,880 CPU cores in a standard 42U rack.

"Supermicro's Twin architecture that not only doubles the number of nodes in a single blade enclosure but also improves the performance-per-watt, providing an excellent solution for datacenter, cloud computing and HPC applications," said Charles Liang, CEO and president of Supermicro. "Because our SuperBlade® is easy to deploy, easy to use, and offers the best price-to-performance and profit potential available to our customers, it won the *Best Blade Solution* award at this year's BladeSystems Insight and was ranked number one by *CRN* in its cover story entitled *Blades of Glory*, which was a head-to-head competition among the major brands."

"AMD has a long history of working closely with Supermicro to deliver HPC solutions designed to address customers' demands, specifically the balance of performance and power efficiency," said David Kenyon, Corporate VP of Worldwide Channel Marketing, AMD (NYSE: AMD). "By delivering more cores and more memory, for less money, AMD is driving the HPC community forward and delivering improved value to businesses of all sizes through key partners like Supermicro."

As the latest addition to Supermicro's SuperBlade® family, the innovative TwinBlade™ doubles the number of dual-processor (DP) compute nodes per 7U enclosure to 20. Based on the SBA-7222G-T2 blade supporting the latest AMD Opteron™ 6100 Series processors this system delivers incredible performance-per-dollar and performance-per-square-foot. Available with dual 40Gb/s QDR InfiniBand switches, this optimized blade solution combines industry-leading 94% power supply efficiency with Supermicro's innovative and highly efficient thermal and cooling system designs to deliver exceptional system performance-per-watt, making it an exceptionally green, and power-efficient server solution for customers.

When powered by new 12-core AMD Opteron 6100 Series (Socket G34) processors, the TwinBlade™ enables up to 2,880 processing cores, 240 SATA drives and 15TB of DDR3 memory per 42U rack. Featuring dual 40Gb/s InfiniBand, FCoE or 10GbE switches and dual 1/10GbE switches in one 7U enclosure, TwinBlade™ provides the highest performing I/O throughput and scalability in the industry and is a superb solution for high-performance computing (HPC), datacenter, enterprise and cloud computing deployments. With successful installations at CERN, PRACE, and other Fortune 100 organizations, the SuperBlade® has already become the preferred solution for a wide range of mission-critical applications.

Supermicro's enterprise-class SuperBlade® features quad-processor blades for maximum density, performance, scalability and flexibility. With up to 10 four-socket server blades within a single 7U enclosure, this new 4-way SuperBlade® SBA-7142G-T4 also supports up to 2,880 AMD Opteron™ processor cores, 240 SATA drives and 15TB of DDR3 memory per 42U rack.

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

Supermicro, the global 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® 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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