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Supermicro Announces Additional Lawrence Livermore National Laboratory (LLNL) Project Win

1U Twin(TM) Serverboards Enable Hyperion HPC Cluster Project with Superior Compute Density, Memory Capacity, and Performance Optimization

SAN JOSE, Calif., Nov 19, 2008 /PRNewswire-FirstCall via COMTEX News Network/ --

Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, today announced that its 1U Twin(TM) serverboards (X7DWT-INF+) were recently selected for the prestigious Hyperion Project at Lawrence Livermore National Laboratory (LLNL). Key 1U Twin(TM) platform design advantages enabling Supermicro's continued technology leadership include compute density, high memory capacity, and performance optimization.

"Our previous successful deployments at other large-scale LLNL projects were key factors in helping Supermicro win this project," said Charles Liang, CEO and president of Supermicro. "Our X7DWT-INF+ 1U Twin(TM) server platforms support up to four high-performance Xeon processors via two DP nodes per 1U of rack space. This 0.5U density combined with onboard InfiniBand makes these platforms an excellent choice for high-performance computing (HPC) clusters where space, cost, energy-efficiency and density are high priorities."

For the Hyperion Project, LLNL has teamed with Supermicro and nine other computing industry leaders to accelerate the development of powerful next-generation Linux clusters by developing an advanced technology cluster testbed. The goal of the project is to provide a development, testing and scaling environment for new cluster technologies and infrastructure critical to the mission requirements of the National Nuclear Security Administration (NNSA)'s Advanced Simulation and Computing program.

"Hyperion represents a new way of doing business. Collectively we are building a system none of us could have built individually," said Mark Seager, LLNL project leader. "The project will advance the state-of-the-art in a cost-effective manner, benefiting both end users, such as the national labs, and the computing industry, which can expand the market with proven, easy to deploy large and small-scale Linux clusters."

Hyperion is critical to the industry's ability to make petaFLOP/s (quadrillion floating operation per second) computing and storage more accessible for commerce, industry and Research and Development. In addition, Hyperion will help lay the foundation for future petascale ASC computing platforms by facilitating the development of processors, memory, networks, storage and visualization.

The first half of Hyperion is now on-line and being used by the collaboration. When completed in March 2009 the Hyperion cluster, located at Livermore lab, will have at least 1,152 nodes with 9,216 cores; with about 100 teraFLOP/s peak; over 9 TB of memory; InfiniBand(TM) 4x DDR interconnect and access to over 47 GB/s of RAID disk bandwidth. This system is the largest testbed of its kind in the world and will provide the Hyperion collaborators with an unmatched opportunity to develop and test hardware and software technologies at unprecedented scale.

Hyperion helps fulfill U.S. Department of Energy/NNSA goals to: provide state-of-the-art computing capabilities for national security; advance high performance scientific computing for meeting energy, climate and other national challenges; enabling scientific discovery in basic science; and enhancing U.S. competitiveness in high performance computing.

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

Established in 1993, 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.

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