September 30, 2009

# GPU/CPU Server Leadership from Supermicro

## Presents 1U Server with Dual Tesla GPUs, 4U with Four Tesla GPUs, and New 2U Twin with Two Hot-Plug GPU Nodes and Redundant Power at GTC 2009

SAN JOSE, Calif., Sept 30, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high-performance server solutions, is presenting its industry-leading lineup of GPU servers this week at the NVIDIA GPU Technology Conference (GTC) being held at The Fairmont Hotel in San Jose. Supermicro is demonstrating the world's fastest 1U SuperServer 6016GT-TF-TM2 (2 TeraFLOPs) along with the SuperWorkstation 7046GT-TRF-TC4, which supports four NVIDIA Tesla C1060 GPUs and three additional PCI-e add-on cards for high-bandwidth I/O. The company is also unveiling a brand new 2U Twin server that supports two hot-pluggable GPU nodes with redundant power on Friday at 11am in the Cupertino Room during its presentation on advanced GPU server technology.

(Photo: http://www.newscom.com/cgi-bin/prnh/20090930/AQ84612)

"To further extend our leadership position in GPU computing system architectures, the new 2U Twin GPU server features two hot-plug GPU computing nodes with multiple x16 non-blocking native Gen2 PCI-Express connectivity and redundant 1400-watt Gold Level (93%+ efficiency) power supplies for maximum availability," said Charles Liang, CEO and president of Supermicro. "Equipped with Supermicro's patented thermal design, these highly parallel, multi-GPU systems are optimized for a wide range of graphics and computationally intensive applications in fields like medical imaging, oil and gas exploration, quantum chemistry, financial simulation, genomics and astrophysics."

Considered the fastest 1U server in the world, Supermicro's 6016GT-TF-TM2 Tesla-based server provides the industry's highest compute density and serves as a uniform building block for large-scale deployments. Optimized for performance and reliability, the 6016GT-TF-TM2 supports dual Intel(R) Xeon(R) 5500 series processors and features two NVIDIA Tesla M1060 GPUs via two Gen2 PCI-Express x16 connections.

Suitable for both cluster configurations and personal supercomputing, the 7046GT-TRF-TC4 is a 4U system housed in Supermicro's new 4U rackmount convertible tower chassis, the SC747TQ-R1400. This chassis supports up to 11 full-height, full-length expansion cards, eight hot-swap 3.5" SAS/SATA drives, and special design features that bolster graphics and computationally intensive applications.

The latest addition to Supermicro's family of GPU-based systems, the 2U Twin GPU server introduces an innovative architecture where the devices are hot-swappable to facilitate easy maintenance and eliminate down time, while also saving power and space by sharing the same chassis and power supplies. Each computing node features onboard QDR InfiniBand for 40 Gb/second high-bandwidth connectivity and supports six hot-swap 3.5" SAS/SATA drives to deliver unprecedented I/O performance.

To support educational research projects, Supermicro and NVIDIA are offering special discounted pricing to accredited two- and four-year educational institutions on all Supermicro systems equipped with NVIDIA Tesla GPUs. Please contact Supermicro for further information or visit *www.supermicro.com/gpu/*.

For more information on Supermicro's complete line of server, workstation and blade solutions go to *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 *www.supermicro.com*, email *marketing@supermicro.com* or call the San Jose, CA headquarters at +1 408-503-8000.

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