June 22, 2009

Supermicro and NVIDIA Smash 1U Server Performance Records at International SuperComputing (ISC) 2009

HAMBURG, Germany, Jun 22, 2009 (PR Newswire Europe via COMTEX News Network) -- 2-Teraflop SuperServer 6016GT-TF-TM2 with Two Tesla GPUs plus a new 4U System that supports Four Tesla GPUs

Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server solutions, is showcasing the fastest 1U server on the planet, its new, 2-Teraflop SuperServer 6016GT-TF-TM2, this week at ISC '09 in Hamburg, Germany (booth 310). This massively parallel processing dual-GPU server is the first 1U multi-GPU (graphics processing unit) system with a fully non-blocking architecture. Optimized for performance and reliability, the 6016GT-TF-TM2 supports dual Nehalem CPUs and features two NVIDIA Tesla M1060 GPUs via two Gen2 PCI-Express x16 connections.

(Photo: http://www.newscom.com/cgi-bin/prnh/20090622/AQ35708)

"Supermicro's new 6016GT-TF supercomputing servers, by far the fastest 1U servers in the world, feature multiple x16 non-blocking native Gen2 PCI-Express connectivity to the GPU, highly reliable thermal optimization, and industry-leading power efficiency, making them the first ever truly optimized GPU servers," said Charles Liang, CEO and President of Supermicro. "These highly parallel, multi-core, multi-GPU systems represent today's cutting-edge solutions 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."

"The importance of GPU Computing in both research and enterprise is growing rapidly," said Andy Keane, general manager, GPU Computing, NVIDIA. "Supermicro's innovative Tesla-based 1U server is tightly integrated to provide the highest possible compute density and a uniform building block for large-scale GPU Computing deployments."

The SuperServer 6016GT-TF Series is the first of an entire family of GPU-based systems created to meet the requirements of the emerging high-performance, highly-parallel computing segment. Supermicro is also unveiling its SuperWorkstation 7046GT-TRF, a 4U/tower system that supports four double-width GPUs and an additional three PCI-e slots for high-bandwidth I/O, at ISC. These platforms feature Supermicro's new Gold level (93% efficiency) power subsystems and deliver breakthrough performance-per-watt. More information on Supermicro's new GPU-optimized product line is available at www.supermicro.com/gpu/.

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and feature advantages. 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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