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Supermicro Announces 4 Teraflop GPU Computing System

New SuperWorkstation Supports 4 Double-Width GPUs

SAN JOSE, Calif., Aug 10, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server and workstation solutions, today announced availability of its dual Intel(R) Xeon(R) 5500 Series (Nehalem) processor-based 7046GT-TRF SuperWorkstations. These powerful SuperWorkstations are the first to support four NVIDIA Tesla C1060 GPUs as well as three additional PCI-e add-on cards for high-bandwidth I/O. These new systems also feature redundant Gold Level (93%+ efficiency) 1400-watt power supplies and quiet operation making them ideal for both enterprise and office supercomputing applications.

(Photo: http://www.newscom.com/cgi-bin/prnh/20090810/AQ59009)

"Extending our leadership in GPU computing system architectures, the new 7046GT-TRF features multiple x16 non-blocking native Gen2 PCI-Express connectivity, Supermicro's first system to support four double-width GPUs," said Charles Liang, CEO and President of Supermicro. "Equipped with Supermicro's patented thermal design, and industry-leading power efficiency, 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."

"Scientists and engineers rely on Tesla GPUs for the unrivalled levels of performance delivered for the dollar," said Andy Walsh, director of product marketing, Tesla business at NVIDIA. "Supermicro's innovative Tesla-based 4U Personal Supercomputer brings cluster level performance to the desktop, dramatically increasing the pace of computational research."

Supermicro and NVIDIA recently unveiled the world's fastest 1U server, the SuperServer 6016GT-TF-TM2, at Computex. This latest addition to Supermicro's family of GPU-based systems, the 4U SuperServer 7046GT-TRF, is suitable not only for cluster configurations like the 1U systems, but also for personal supercomputing.

The 7046GT-TRF is 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 are intended for graphics and computationally intensive applications.

To support educational research projects, Supermicro and NVIDIA offer special discounted pricing to accredited two- and four-year educational institutions on Supermicro 1U or 4 GPU systems equipped with NVIDIA Tesla GPUs. Please contact your sales representative for further information or visit 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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