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Supermicro 1600 FSB 1U Twin™ Servers With 1.5-Volt Memory

Energy-Saving 89% Power Efficiency, 16 CPU Cores in 1U

SAN JOSE, Calif., Dec 20, 2007 /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 high-volume availability of its latest 1U Twin™ 6015TW SuperServers. These new Intel® 5400 (Seaburg) chipset-based 1U Twin™ servers deliver increased performance and energy savings with a 1600MHz CPU bus and support for 1.5-volt FB-DIMM (FBD) memory. As with previous 1U Twin™ platforms, two serverboards fit into a single 1U chassis to provide two nodes per 1U of rack space or up to 84 nodes per 42U rack. This 0.5U density makes these platforms an excellent choice for high-performance computing (HPC) clusters, server farms and other datacenters where space, cost, energy-efficiency and density are high priorities.

"These new 1600MHz front-side bus 1U Twin SuperServers not only boost performance by more than 30%*, but also support 800MHz 1.5-volt FB-DIMM (FBD) memory to maximize energy savings by reducing memory power consumption by 20 watts* per node," said Charles Liang, CEO and president of Supermicro. "Strategically designed to meet the demands of high-density clusters, our 1U Twin™ servers feature a 980-watt high-efficiency (89%*) power supply that is shared by both nodes to optimize the utilization level, which further increases energy savings and helps protect the environment."

6015TW SuperServers support the latest 45nm (Penryn) 1600MHz FSB quad-core Xeon® 5400 or dual-core 5200 series processors, four hot-swap SATA drives (two for each node), and 16 FBDIMM for 128GB memory (64GB per node). Furthermore, each node of these servers features a full-bandwidth PCI-Express 2.0 x16 slot for high-performance expansion card support. PCI-Express 2.0 doubles the I/O bandwidth to 5 Gb/s per lane from 2.5 Gb/s and is fully compatible with PCI-E 1.1 expansion cards. While the SuperServer 6015TW-T comes standard with twin sets of dual Gigabit Ethernet ports, the high-end SuperServer 6015TW-INF also includes twin Mellanox 20 Gb/s InfiniBand ports for high-bandwidth connectivity.

Supermicro's 1U Twin™ family of products now includes the following SuperServers:

6015TW-T: Twin Intel 5400 chipset-based nodes w/ 2 hot-swap SATA & a PCI-e 2.0 x16 slot

6015TW-INF: Twin Intel 5400 nodes with 2 SATA, a PCI-e 2.0 x16 slot & onboard InfiniBand

6015T-T: Twin Intel 5000P chipset-based nodes with 2 hot-swap SATA & a PCI-e x8 slot

6015T-INF: Twin Intel 5000P nodes with 2 SATA, a PCI-e x8 slot & onboard InfiniBand

Supermicro Server Building Block Solutions® offer exceptional flexibility and 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)

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, please visit http://www.Supermicro.com, email Marketing@Supermicro.com or call the San Jose, CA headquarters at +1 408-503-8000.

* Performance, power consumption and peak power efficiency figures based

on internal testing results.

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