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Supermicro Unleashes Dual-port 10 Gigabit Ethernet Solutions

Energy-efficient Standard PCI-Express and Universal I/O Adapters

SAN JOSE, Calif., Oct 29, 2007 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application optimized high performance server solutions, today announced its first 10 Gigabit Ethernet (10GbE) solutions. The energy-efficient Supermicro AOC-UTG-i2 Universal I/O (UIO) and AOC-STG-i2 standard PCI-Express network adapters, based on the Intel(R) 82598 10 Gigabit Ethernet Controller, enable the mainstream server market with dual-port PCI-Express-based 10GbE connectivity for optimal I/O performance.

"These new Supermicro 10GbE adapters empower our existing customers to upgrade right away to dual-port 10 Gigabit Ethernet," said Charles Liang, CEO and president of Supermicro. "The flexibility of our UIO architecture enables the AOC-UTG-i2 card for installation in 1U, 2U, 3U and 4U systems equipped with UIO motherboards, while the low-profile AOC-STG-i2 can be installed in any standard PCI-Express x8 slot. With outstanding performance and power efficiency, these products are ideal for a wide range of enterprise server environments like those running virtualization, demanding storage and high performance computing applications."

"We are pleased that Supermicro has selected the energy-efficient Intel(R) 82598 10 Gigabit Ethernet Controller for the new AOC-UTG-i2 Universal I/O card and the AOC-STG-i2 card," said Tom Swinford, general manager of Intel's LAN Access Division. "The Intel(R) 82598 is designed for today's multi-core processor-based servers and has optimizations to address the I/O bottlenecks associated with server consolidation and virtualization. Its low power and outstanding performance make it ideally suited for multi-port adapter and LAN On Motherboard (LOM) designs."

Providing dual-port 10GbE at an average of just 6.5 watts, these network adapters address the need created by the extensive growth in dense computing environments for efficient, high-bandwidth designs. Both the AOC-UTG-i2 and AOC-STG-i2 feature the reliability necessary for storage applications such as iSCSI, the dual-port redundancy needed for networking applications, as well as the throughput and low memory latency required for high-performance computing applications.

For even greater flexibility, Supermicro offers a CX4-to-Optical cable option, which increases the viable cable length from 15 meters over CX4 copper cable to up to 100 meters over optical cable. These controller cards also support Intel(R) Virtualization Technology for Connectivity including Virtual Machine Device Queues (VMDq) and Intel(R) I/O Acceleration Technology (I/OAT). These new technologies improve overall system performance, lower CPU utilization, reduce system latency and, improve networking and I/O throughput in a virtualized environment.

Supermicro Server Building Block Solutions(R) 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, 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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