Supermicro Demonstrates 290GFLOPS/kW HPC Solutions With Best Density at International SuperComputing (ISC) '08

Supermicro 1U Twin(TM) and SuperBlade(TM) Servers with 20Gb InfiniBand, Superior Computational Power, Performance-per-Watt and Energy Efficiency

DRESDEN, Germany, June 17, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application-optimized, high performance server and workstation solutions, is showcasing its industry-leading HPC server solutions at ISC '08 in Dresden, Germany (booths B25-B28). With superior computing density and energy efficiency, Supermicro 1U Twin(TM) and SuperBlade(TM) servers deliver exceptional performance and energy savings.

(Photo: http://www.newscom.com/cgi-bin/prnh/20080617/AQTU011)

"CRN recently ranked our SuperBlade(TM) number one in its latest blade product review, recognizing that SuperBlade(TM) is easy to deploy, easy to use, and offers the best price-to-performance and profit potential available," said Charles Liang, CEO and president of Supermicro. "This excellent endorsement came right after SuperBlade won the Best Green Data Center Solution award at BladeSystems Insight 2008. Leading power efficiency (up to 93%*), compute density (up to 960 processing cores per 42U rack), performance-per-watt (290GFLOPS/kW*), and 20Gb InfiniBand switch & HCA, make our SuperBlade(TM) the perfect choice for HPC applications."

As the industry's most optimized 1U HPC solutions, Supermicro 1U Twin(TM) servers support up to 4 processor sockets via two DP nodes in 1U of rack space. This 0.5U density (84 server nodes in a standard 42U rack) combined with optional onboard InfiniBand or 10GbE makes these platforms an excellent choice for high-performance computing (HPC) clusters where space, cost, energy-efficiency and density are high priorities. Supermicro now offers a wide selection of 1U Twin(TM) solutions that includes the following server models:

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1U Twin(TM) SuperServers:
6015TW-INF:  DP Intel 5400 chipset-based, four 3.5" HD, 980W and onboard
              IB
6015TW-T:    DP Intel 5400 chipset-based, four 3.5" HD, 980W
1025TC-10G:  DP Intel 5100 chipset-based, eight 2.5" HD, 780W and onboard
              10GbE
6015TC-10G:  DP Intel 5100 chipset-based, four 3.5" HD, 780W and onboard
              10GbE
1025TC-T:    DP Intel 5100 chipset-based, eight 2.5" HD, 780W
6015TC-T:    DP Intel 5100 chipset-based, four 3.5" HD, 780W
6015T-INF:   DP Intel 5000 chipset-based, four 3.5" HD, 980W and onboard
              IB
6015T-T:     DP Intel 5000 chipset-based, four 3.5" HD, 980W
5015TB-10G:  UP Intel X48 chipset-based, four 3.5" HD, 780W and onboard
              10GbE
5015TB-T:    UP Intel X48 chipset-based, four 3.5" HD, 780W

1U Twin(TM) A+ Servers:
1021TM-T+:   DP nVidia MCP55V-Pro chipset-based, four 3.5" HD, 980W
1021TM-INF+: DP nVidia MCP55V-Pro chipset-based, four 3.5" HD, 980W and
              onboard IB
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Supermicro also offers an extensive selection of application-optimized SuperBlade(TM) configurations. Supermicro's enterprise-class SuperBlade(TM) features both dual and quad-processor blades for performance, scalability and flexibility. For maximum computational performance and density, SuperBlade(TM) supports up to 10 four-socket server blades (160

CPU cores) in one 7U enclosure. With 960 processing cores per 42U rack and Mellanox 4X DDR InfiniBand, SuperBlade is one of the densest and fastest blade server solutions in the industry. Additional cost savings associated with less IT space required as well as easier maintenance and management make these solutions a very attractive option for enterprise and high performance computing applications.

"We are working with Supermicro to deliver a large breadth of optimized multi-core computing and storage servers," said Thad Omura, vice president of product marketing at Mellanox Technologies. "With outstanding InfiniBand and 10 Gigabit Ethernet performance, I/O flexibility, and power efficiency, Mellanox ConnectX Virtual Protocol Interconnect accelerated, Supermicro servers and blade servers are ideal for high-performance computing and enterprise applications."

Supermicro Server Building Block Solutions(R) offer exceptional flexibility and features. Come see Supermicro's latest HPC server solutions at booths B25-B28.

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.

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* Peak performance and power efficiency figures based on internal testing

results.

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