November 3, 2010

Supermicro Launches 4U Embedded/IPC Server

20"-Depth SuperServer 6046T-TUF Combines Excellent Expansion Capabilities and Feature Set with 7-Year Lifecycle

SAN JOSE, Calif., Nov. 3, 2010 /PRNewswire/ -- **Super Micro Computer, Inc.** (Nasdaq: SMCI), the global leader in server technology innovation and green computing, today announced the latest addition to its embedded/industrial PC (IPC) product portfolio, the SuperServer 6046T-TUF based on the new SC842 short-depth (20") 4U chassis.

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"The newest addition to Supermicro's Embedded and Industrial PC product portfolio – a highly optimized and compact 4U platform with a variety of motherboard, add-on card, redundant power, secure front bezel and other options – addresses the unique needs of this market by offering up to seven years product lifecycle support," said Charles Liang, president and CEO of Supermicro. "The innovative and robust short-depth architecture makes this platform ideal for embedded and IPC market segments, such as medical imaging, industrial automation, transportation, simulation, and telecommunication applications."

This optimized server offers high I/O bandwidth and exceptional reliability with six PCI-E expansion slots (11-slot model coming soon), five hot-swap SATA drive trays for RAID storage, three 5.25" expansion bays for additional hard drives, onboard smart server management tools, and UEFI (Unified Extensible Firmware Interface) BIOS support. The 8MB UEFI BIOS offers several advantages including no shadow ROM size limitation which delivers more robust add-on card features plus faster operating system (OS) boot times. It also eliminates hard drive size limits for the OS and provides further UEFI BIOS shell benefits.

The SuperServer 6046T-TUF ranks among the most optimized platforms supporting the Embedded / IPC user base available today. The solution incorporates convenient front-side serial and USB ports and two onboard Type-A USB connectors for simple and secure loading the embedded OS and for diskless system boots. The 6046T-TUF also offers an onboard Baseboard Management Controller (BMC) with advanced IPMI 2.0 to enable both media-over-LAN and KVM-over-LAN access via a dedicated LAN port for convenient remote system management anytime from anywhere. Powered by Supermicro's X8DTE-UF serverboard, the product supports up to two Intel Xeon 5600 processors, 192GB of DDR3 1333MHz memory.

The solution's CSE-842TQ-865B chassis is a newly designed 20"-depth product specifically engineered to meet the usage needs of embedded and IPC customers. It is highly versatile and supports a wide range of UP and DP serverboards up to 12" x 13" including those optimized for Intel Xeon 5600 or the latest twelve-core AMD Opteron processors. An 865-watt high-efficiency power supply with PMbus provides critical node management support for embedded monitoring. The chassis features seven full-height, full-length tool-less expansion slots, providing numerous options for enhanced I/O scalability. In addition to five hot-swap 3.5" hard drives or eight 2.5" HDDs, the SC842 also offers three 5.25" drive bays and one slim 5.25" drive bay. Optional components include a quick release rail set, fan upgrade kits, and an add-on card bracket holder to stabilize large add-on cards.

In addition to the SC842 series, Supermicro offers an impressive selection of other short-depth chassis product lines optimized for embedded/IPC applications including:

  ⌐ SC825M series – 17.7" 2U supports 3 SAS/SATA, 7 add-on cards, and redundant power
  ⌐ SC523L series – 14.5" 2U supports ATX boards, front I/O and 7 low-profile add-on cards
  ⌐ SC113M series – 20" 1U supports eight 2.5" SAS/SATA and a full-height add-on card
  ⌐ SC813M series – 19.85" 1U supports four 3.5" SAS/SATA and a full-height add-on card
  ⌐ SC512/513 series – 14" 1U supports ATX boards and a full-height add-on card
  ⌐ SC510/511 series – 11.3" 1U supports micro-ATX boards, quiet (under 30dB) operation
  ⌐ SC502/503 series – 9.8" 1U supports micro-ATX boards, quiet (under 30dB) operation

Seven years of lifecycle support and optional LCD front panels are available with all of these products. High-efficiency and/or redundant power supplies are also optional.

About Super Micro Computer, Inc. (NASDAQ: SMCI)

Supermicro, the global leader in server technology innovation and green computing, provides customers around the world with application-optimized server, workstation, blade, storage and GPU systems. Based on its advanced Server Building Block Solutions, Supermicro offers the most optimized selection for IT, datacenter and HPC deployments. The company's system architecture innovations include the Twin server, Double-Sided Storage™ and SuperBlade® product families. Offering the most comprehensive product lines in the industry, Supermicro provides businesses of all sizes with energy-efficient, earth-friendly solutions that deliver unmatched performance and value. Founded in 1993, Supermicro is headquartered in Silicon Valley with worldwide operations and manufacturing centers in Europe and Asia. For more information, visit www.supermicro.com.

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