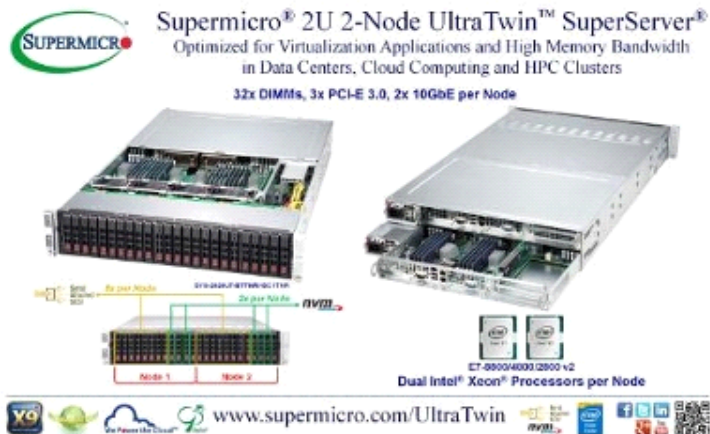March 27, 2014

Supermicro® Debuts New 2U 2-Node UltraTwin™ Supporting Dual Intel® Xeon® Processor E7-2880 v2 and 32x DIMMs per Node

New Platform also Supports NVMe, 12Gb/s SAS 3.0, FH/HL PCI-E 3.0 and Onboard 10GBase-T for Maximum Performance and Expandability

SAN JOSE, Calif., March 27, 2014 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing debuts the first server of its new Ultra Architecture SuperServer® series, the 2U 2-Node UltraTwin™. This new 2U SuperServer features two hot-swappable 1U nodes each supporting dual Intel® Xeon® E7-2880 v2 processors, up to 1TB in 32x DIMM slots, 2x 2.5" NMVe SSDs, 8x 12Gb/s SAS 3.0 2.5" HDD/SSDs, PCI-E 3.0 expansion in 2x full height, half length and 1x MicroLP cards and onboard support for 2x 10GBase-T ports. UltraTwin supports redundant 1280W (1+1) Platinum Level High-Efficiency (95%) Digital Switching power supplies powering new proprietary serverboards designed to maximize compute/memory density and eliminate CPU pre-heat. High core counts, memory capacity and accelerated storage technologies combined with wide I/O bandwidth make this new system perfectly suited for virtualization applications and high memory bandwidth in Data Centers, Cloud Computing and HPC clusters.

"Supermicro's new 2U UltraTwin features two DP nodes each supporting up to 1TB in 32 DIMMs for data intensive in-memory applications and dual Intel Xeon E7-2880 v2 15 core processors for maximum performance per node," said Charles Liang, President and CEO of Supermicro. "This new server is part of our innovative Ultra Architecture featuring high-density, performance and cooling optimized serverboards supporting Intel's highest core-count processors, massive memory footprints and the latest high-performance storage, expansion and network technologies. UltraTwin is the first in a line of upcoming servers to take full advantage of this groundbreaking architecture and expands our MP solution range with support for Intel Xeon E7 v2 series processors and peripheral technologies."

"The Intel Xeon processor E7 v2 family offers up to double the performance, triple the memory capacity, and quadruple the I/O bandwidth over preceding generation processors," said Shannon Poulin, vice president of Enterprise IT for Intel's Data Center Group, "By using our top-of-the-line server processors, Supermicro is able to build highly-optimized, enterprise-class computing solutions with their new 2U 2-node UltraTwin and future MP server platforms. Together, we are delivering the performance, scalability and reliability necessary for businesses to handle increasingly complex data intensive workloads in mission critical, highly virtualized environments."

2U 2-Node UltraTwin™ (SYS-2028UT-BTTNR / -BC1TNR)

Chassis Features

- 2x hot-swappable 1U nodes
- 20x hot-swappable HDD/SSD bays
- Redundant 1280W (1+1) Platinum Level High-Efficiency (95%) Digital Switching power supplies

- 4x 8cm Energy-Efficiency PWM fans

Each Node Features

- Dual Intel® Xeon® Processor E7-8800/4800/2800 v2
- Up to 1TB of DDR3 RDIMM/LRDIMM memory in 32 DIMM slots
- Dual set of 2x PCI-E 3.0 x16 FH/HL slots (SYS-2028UT-BTTNR); 1x PCI-E 3.0 x8 for MicroLP card
- Dual set of Intel C602 controller for 8x SATA3 (6Gbps) ports; RAID 0, 1, 5, 10 (-BTTNR)
- Dual set of LSI® 3108 SAS3 (12Gbps); RAID 0,1,5,6,10,50 (-BC1TNR)
- Dual 10GBase-T ports with Intel® X540 controller
- 2x NVMe 2.5" SSD bays and 8x 2.5" SAS3/SATA3 HDD/SSD bays

For more information on Supermicro's new UltraTwin™ SuperServer® visit www.supermicro.com/UltraTwin.

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About Super Micro Computer, Inc.

Supermicro® (NASDAQ: SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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