

Supermicro® Exhibits New X10 6U 28x DP E5-2600 v3 MicroBlade and 1U 3x GPU SuperServer® for Exploration Geophysics at SEG 2014

High Density Compute Platforms Deliver Extreme Performance, Efficiency and Scalability

DENVER, Oct. 26, 2014 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing exhibits its latest X10 high performance computing (HPC) solutions at the Society of Exploration Geophysicists (SEG 2014) International Conference this week in Denver, Colorado. Supermicro's new 6U 28x dual-processor (DP) node MicroBlade supporting 56x 120W Intel® Xeon® E5-2600 v3 processors will make its debut at the show highlighting a high-density compute solution (up to 196 DP servers and 28 10Gb/s/40Gb/s switches in 42U) that simplifies management and lowers overall deployment cost without compromise in performance. Also highlighted at the show will be Supermicro's range of NVIDIA® Tesla® GPU and Intel® Xeon Phi™ coprocessor based platforms in 1U, 2U SuperServer®, 4U/Tower and 7U SuperBlade® platforms, including a live demo of the world record breaking 2U Hyper-Speed Ultra SuperServer supporting dual Intel Xeon E5-2600 v3 processors (up to 160W), 4x double-width GPU or Xeon Phi coprocessors and 8x 3.5" hot-swap SAS3 12Gb/s plus 4x 2.5" hot-swap NVMe SSDs.

"Supermicro's new MicroBlade supporting 28 dual processor nodes is the latest evolution of our extreme density microserver architecture," said Charles Liang, President and CEO of Supermicro. "Combining the best advantages of our DP server expertise with our advanced Blade architecture, we now offer a high performance computing solution that maximizes performance per watt, per square foot with cost saving advantages and a 99% cable reduction in a single 6U chassis. This new server extends our growing line of green supercomputing platforms for scientific research and offers solutions that deliver exactly the best technologies and performance with unrivaled energy efficiency."



Exhibit Highlights

- 6U X10 [MicroBlade](#)
 - New DP Module ([MBI-6128R-T2](#))
Dual Intel Xeon E5-2600 v3 (up to 120W), 8x VLP DDR4 RDIMMs (up to 2133 MT/s), 2x 2.5" 6Gb/s SATA3 HDDs/SSDs, Onboard quad-port 1GbE NIC, 1x SATA-DOM
 - New UP Module ([MBI-6118D-T2/-T4](#))
Intel Xeon E3-1200 V3 (up to 82W) , Up to 32GB ECC DDR3 1600/1333 MHz VLP UDIMM in 4x DIMMs , 2x 3.5 SATA3 HDD (-T2 SKU) , 4 x 2.5 STAT3 HDD/SSD (-T4 SKU), Onboard 2x GbE Network Communication
 - ([MBI-6418A-T7H/T5H](#))
1x Intel® Atom™ C2750 (Core, 2.4GHz) (-T7H SKU) or 1x Intel® Atom™ C2550 (Core, 2.4GHz) (-T5H SKU), 2x 2.5Gb/s network connectivity per node, up to 32GB ECC DDR3 1600/1333MHz SO-DIMM in 2x DIMM sockets per node, 1x 2.5" 6Gb/s SATA3 HDD/SSD and 1x SATA3 DOM per node
- 2U Ultra (Hyper-Speed) SuperServer® (SYS-6028UX-TR4)
Dual Intel Xeon E5-2600 v3 (up to 160W), up to 1.5TB ECC, up to DDR4 2133MHz in 24x DIMMs, 12x hot-swap 3.5" drive bays (10x SATA3 ports by default, optional 8x SAS3 12Gb/s and 4x NVMe ports), 3x NVIDIA Tesla K40 and 1x NVIDIA® Quadro® K5200 GPUs, 4x GbE LAN, Redundant 1000W Titanium Level High-Efficiency (96%+) Digital Power Supplies
- New 1U X10 UP SuperServer® (SYS-5018GR-T)

Single Intel Xeon E5-2600 v3, 8x DIMMs up to 512GB ECC LRDIMM, 256GB ECC RDIMM, DDR4, up to 2133MHz, 3x hot-swap 3.5" drives bays, 2x Intel Xeon Phi 7120P Coprocessors, 1400W Platinum Level High-Efficiency (94%+) Power Supply

- 1U 3x GPU/Xeon Phi Coprocessor SuperServer® ([1028GR-TR](#))
Dual Intel® Xeon® E5-2600 v3 (up to 145W), up to 1TB ECC, up to DDR4 2133MHz in 16x DIMMs, 4x hot-swap 2.5" SATA3 drive bays, 3x NVIDIA Tesla K40 GPUs, dual port GbE LAN, Redundant 1600W Platinum Level High-Efficiency (94%) Digital Power Supplies
- 4U/Tower 4x GPU/Xeon Phi Coprocessor SuperServer® ([SYS-7048GR-TR](#))
Dual Intel Xeon E5-2600 v3 (up to 160W), up to 1TB ECC DDR4 2133MHz in 16x DIMMs, 8x 3.5" hot-swap, 3x fixed 5.25" and 1x fixed 3.5" drive bays, 4x Intel Xeon Phi 7120P Coprocessors, optional Thunderbolt 2.0 AOC, 1x PCI-E 2.0 x4 (in x8) slot, 4x heavy duty fans, 2x exhaust fans, Redundant 2000W Platinum Level High-Efficiency (94%) Digital Power Supplies
- 2U EX DP 32 DIMM ([SYS-2028UT-BTNRT](#))
Dual Intel® Xeon® processor E7-8800 v2 / E7-4800 v2 / E7-2800 v2 family (15-Core), 2x 2.5" NVMe HDD bays and 8x hot-swap 2.5" SATA3 HDD bays, up to 2TB ECC DDR3, up to 1600MHz in 32x DIMMs, 2x PCI-E 3.0 x16 FH/HL slots, 1x PCI-E 3.0 x8 MicroLP card, dual 10GBase-T ports, Redundant 1280W Platinum Level High-Efficiency (95%+) Digital Power Supplies
- 7U [SuperBlade®](#)
 - 3x NVIDIA Tesla GPU Blade ([SBI-7127RG3](#))
Dual Intel Xeon processor E5-2600 v2, up to 512GB RDIMM or 64GB UDIMM in 8x DIMMs, 3x NVIDIA Tesla Kepler K20X/K40x SXM GPUs, 1x SSD or 1x SATA-DOM, dual port GbE LAN, FDR/QDR InfiniBand, 10GbE
 - 2x NVIDIA Tesla GPU/Intel Xeon Phi Coprocessor Blade ([SBI-7127RG-E](#))
Dual Intel Xeon processor E5-2600 v2, up to 256GB RDIMM or 64GB UDIMM in 8x DIMMs, 1x SSD or 1x SATA-DOM, dual port GbE LAN, FDR/QDR InfiniBand, 10GbE/FCoE
 - TwinBlade® ([SBI-7228R-T2F/T2X](#))
Two nodes in a Processor Blade. Each node supporting dual Intel Xeon E5-2600 v3 (up to 145W), up to 512GB reg. ECC LRDIMM, dual port GbE LAN, 2x 2.5" hot-swap SATA3 drive bays, FDR InfiniBand onboard (-T2F SKU) or 10GbE onboard (-T2X SKU)
 - Processor Blade ([SBI-7147R-S4X/S4F](#))
Quad Intel® Xeon® E5-4600 v2 processors, up to 1TB LRDIMM, 512GB RDIMM or 128GB UDIMM in 16x DIMMs, 4x 2.5" hot-swap SAS HDD bays, SAS2 RAID 0, 1, 10, dual-port GbE LAN, Mellanox ConnectX-3 Pro EN dual-port IC 10GbE (-S4X SKU) or Mellanox ConnectX-3 single-port FDR 56Gbps InfiniBand, 40/10 GbE support (-S4F SKU)
 - Processor Blade ([SBI-7128R-C6](#))
Dual Intel Xeon processor E5-2600 v2, up to 1TB LRDIMM, 512GB RDIMM or 128GB UDIMM in 16x DIMMs, 6x 2.5" hot-swap HDD/SSD bays, up to 3x NVMe (option), HW RAID 0, 1, 5, 2G Cache, dual port GbE LAN, FDR/QDR InfiniBand or 10GbE mezzanine HCA

Visit Supermicro at Society of Exploration Geophysicists (SEG 2014) in Denver, Colorado, October 26th through the 31st at the Colorado Convention Center, Booth #1697. For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit www.supermicro.com.

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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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