August 12, 2014

Supermicro® New Ultra Series SuperServer®, FatTwin, SuperBlade® and SuperWorkstation Solutions Highlight Performance, Efficiency and Scalability at Siggraph 2014

High Performance Green Computing Solutions for 3D, CG, VFX and Interactive Media Provide Massive Processing Capacity in Cluster-Based Data Center & Cloud Environments

VANCOUVER, British Columbia, Aug. 12, 2014 /CNW/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing exhibits its latest solutions for the 3D, CG, VFX and Interactive Media Industry this week at Siggraph 2014 in Vancouver, British Columbia. The convergence of art, science and physics in blockbuster cinema and digital interactive entertainment is driving demand for greater levels of realism at higher resolution and within tighter production schedules. At the show Supermicro will exhibit its new 1U Ultra Series Green SuperServer®, FatTwin™, and SuperBlade® platforms featuring dual/quad processor support, high memory capacity and up to 12x GPUs in 4U or 30x GPUs in 7U. These high density compute solutions combined with energy efficient architecture innovations and new Titanium Level high efficiency (96%) digital power supplies maximize performance per watt, per dollar, per square foot for any scale production facility facing extreme projects and rigid deadlines.

"Supermicro server building block solutions are perfectly optimized for the compute intensive workloads generated by the explosion of digital media," said Charles Liang, President and CEO of Supermicro. "Our high performance green server solutions ranging from new Ultra Series 1U/2U SuperServers, 2U TwinPro² to 4U GPU and 4-Way, 4U FatTwin and 7U SuperBlade offer the widest range of computing platforms optimized for cluster-based computing in Data Center and Cloud environments. Combining our high performance, enterprise class computing solutions with our innovative Green Computing architecture and new Titanium Level high-efficiency digital power supplies we are providing next generation 3D, CG, VFX studios the most cost-effective, energy efficient and scalable supercomputing platforms for large scale digital content creation services."

Exhibits at Siggraph 2014 include:

- 1U Ultra Series SuperServer® - 10x 2.5" hot-swap HDD/SSD Bays (SYS-1028U-TR(4/4T/T/TP)+) 4x 3.5" hot-swap HDD Bays (SYS-6018U-TR(4/4T/T/TP)+), dual Intel® Xeon® next generation E5-2600 family processors, 24x DIMMS up to 1.5 TB, flexible networking options 4x 1GbE (-TR4+) or 4x 10GBase-T (-TR4T+) or 2x 10GBase-T (TRT+) or 2x 10G SFP+ (TRTP+), dual SuperDOM, optional TPM Platform Security Support, redundant Titanium Level high-efficiency (96%) Digital Power Supplies
- 2U TwinPro²™ SuperServer® (SYS-2028TP-HC1FR) - 4x nodes each supporting, dual Intel® Xeon® next generation E5-2600 family processors, up to 1TB in 16x DIMMs, onboard Infiniband 40GbE FDR or dual 10GBase-T, mSATA and SATA-DOM with SuperCap support, 1x PCI-E 3.0 (x16) LP slot, 2.5" LSI3108 SAS3 12Gb/s or 3.5" SAS/SATA hot-swap HDD/SSD bay configurations and redundant Titanium Level high-efficiency (96%) Digital Power Supplies
- 2U TwinPro²™ SuperServer® (SYS-2028TP-HC1FR) - 4x nodes each supporting, dual Intel® Xeon® next generation E5-2600 family processors, up to 1TB in 16x DIMMs, onboard Infiniband 40GbE FDR or dual 10GBase-T and SATA-

DOM with SuperCap support, 1x PCI-E 3.0 (x16) LP slot, 2.5" LSI3108 SAS3 12Gb/s or 3.5" SAS/SATA hot-swap HDD/SSD bay configurations and redundant Platinum Level (95%+) or Titanium Level (available on NVMe or OEM SKUs) high-efficiency (96%) Digital Power Supplies

- 2U Dual-Node EX DP 32x/48x DIMM SuperServer® (SYS-2028UT-BTNRT) - dual Intel® Xeon® processor E7-8800 v2 / E7-4800 v2 / E7-2800 v2 family (15-Core), w/ QPI up to 8.0 GT/s, 2x 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 (95%+) Digital Power Supplies
- 4U 4-Way 96x DIMM SuperServer® (SYS-4048B-TRFT) - Quad Intel® Xeon® processor E7-8800 v2 / 4800 v2 family (up to 15 Cores and 155W), up to 6TB DDR3 1600MHz ECC RDIMMs and LRDIMMs in 96x DIMM sockets, 24x 2.5" hot-swap SAS3/SATA3 HDD or SSD (selected RAID/HBA cards) 48x 2.5" hot-swap HDD/SSD optional, Redundant 1620W Platinum Level (94%+) Digital Power Supplies
- 4U DP 8x GPU SuperServer® (SYS-4027GR-TRT) - dual Intel® Xeon® processor E5-2600 v2 family (up to 150W TDP), up to 1.5TB ECC DDR3, up to 1866MHz; 24x DIMM sockets, 8x GPU/Xeon Phi™, up to 48x 2.5" hot-swap SAS2/SATA3 HDD bays, 2x 10GbE LAN, 1x Dedicated LAN for IPMI Remote Management, Redundant 1600W Platinum Level (94%+) Digital Power Supplies
- 4U FatTwin™ 8x 3.5" Hot-Swap HDDs per U (SYS-F627R3-RTB+) - 4x nodes each featuring dual Intel® Xeon® processor E5-2600 v2 family, up to 1TB ECC DDR3, up to 1866MHz; 16x DIMM sockets, 8x 3.5" hot-swap SATA HDD Bays, 1x PCI-E 3.0 x16 (LP) + 1 Micro LP, 2x GbE LAN ports, IPMI 2.0 remote server management via dedicated LAN port, Redundant 1280W Platinum Level (95%) Digital Power Supplies
- 4U FatTwin™ Dual-Node 12x GPUs (SYS-F647G2-FT+) - 2x hot-plug nodes each supporting dual Intel® Xeon® E5-2600 v2 series processors (up to 130W TDP), 12x GPUs (6x per node) up to 1TB ECC DDR3, up tov1866MHz; 16x DIMM sockets, 6x 2.5" hot-swap SATA HDDs, front I/O with dual GbE LAN and IPMI 2.0 remote server management via dedicated LAN port, and Redundant 2000W Platinum Level (94%+) power supplies
- 4U/Tower 5x GPU SuperServer® (SYS-7047GR-TRF) - 5x GPUs (NVIDIA Maximus™ certified), dual Intel® Xeon® E5-2600 v2 series processors (up to 150W TDP), up to 1TB memory and 8x hot-swap 3.5" drive bays
- 7U SuperBlade®
  - 4-Way Processor Blade (SBI-7147R-S4F FDR 56G / SBI-7147R-S4X 10GbE) supporting quad Intel® Xeon® processor E5-4600 v2
  - 3x GPU SuperBlade® (SBI-7127RG3) - Supports 3x NVIDIA Tesla K20X GPUs in the SXM form factor, dual Intel® Xeon® E5-2600 v2 series processors, up to 256GB memory and onboard BMC for IPMI 2.0 support. 10x blades in 7U SuperBlade® enclosure scales to best density (180x GPUs and 120x CPUs) and performance (256 TFLOPS theoretical) per 42U rack
  - 2x GPU SuperBlade® (SBI-7127RG-E) - Supports 2x GPUs, dual Intel® Xeon® E5-2600 v2 series processors, up to 256GB memory, 1x SSD or 1x SATA-DOM, and onboard BMC for IPMI 2.0 support. 10x blades in 7U SuperBlade® enclosure offers high density (120x GPUs and 120x CPUs) and performance (178 TFLOPS theoretical) per 42U rack

Visit Supermicro at Siggraph 2014 in Vancouver, British Columbia, Canada August 12th through the 14th at the Vancouver Convention Centre, Booth #713. For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit www.supermicro.com.

Follow Supermicro on Facebook and Twitter to receive their latest news and announcements.

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.

SMCI-F

Photo - http://photos.prnewswire.com/prnh/20140812/135312

SOURCE Super Micro Computer, Inc.