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Supermicro® Leads Industry with Broadest Line of GPU Server and Workstation Solutions Delivering up to 256 TFLOPS in 42U Rack

High-Performance, High-Density Systems Support NVIDIA Kepler Architecture-Based Tesla K10 and K20/K20X Accelerators and NVIDIA GRID K1 and K2 GPUs

SAN JOSE, Calif., July 29, 2013 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing, will exhibit its range of high-performance enterprise-class supercomputing solutions at the NVIDIA GPU Technology Conference Japan 2013 (GTC Japan 2013) this week. This wide range of GPU-accelerated computing solutions includes the 12x GPU 4U, 4-node FatTwin™, rackmount SuperServers including the new 1U 3x GPU SYS-1027GR-TRT2+ featuring 512GB of memory in 16x DIMM slots, ultra high-density GPU SuperBlade® solutions delivering up to 256 TFLOPS in 42U and entry-level to high-end SuperWorkstations supporting up to 5x GPUs. This expanding line of high-performance GPU platforms covers the widest range applications from supercomputing clusters for compute-intensive scientific and engineering based modeling and simulation to scalable solutions for enterprise virtualization and 3D CG production.

(Photo: http://photos.prnewswire.com/prnh/20130729/AQ55278)

"Supermicro's expanding line of GPU blade, server and workstation solutions is unrivaled in the marketplace and focus is placed on maximizing performance per watt, per dollar, per square foot for any application," said Charles Liang, President and CEO of Supermicro. "We cover the widest range of performance requirements with single or multi GPU workstations and servers, twelve GPU FatTwin, and now support for up to thirty NVIDIA Tesla K20X GPU accelerators and twenty CPUs in our new 7U GPU SuperBlade. Close engineering collaboration with NVIDIA ensures our customers are enabled with the latest technologies and most optimized platforms for enterprise-class GPU computing."

"These systems will provide customers with increased levels of performance and compute density to drive a new class of compute-intensive enterprise data center and HPC workloads," said Sumit Gupta, general manager of the Tesla Accelerated Computing Business Unit at NVIDIA. "Delivering ever higher levels of efficient performance will be critical to meeting the demand for the growing universe of GPU-accelerated engineering, scientific and HPC applications."

Supermicro has the industry's broadest line of high-performance, application-optimized GPU server solutions that support the NVIDIA® Kepler™ architecture-based Tesla® K10, K20 and K20X GPU accelerators, and NVIDIA GRID™ K1, K2 GPUs, as well as SuperWorkstations supporting NVIDIA Quadro® graphics processors, including the new K6000.

SuperServers

- SYS-F627G3-FT+ / G2-FT+ 4U FatTwin™ with 4x hot-plug nodes supporting 12x GPUs (3x per node) and dual Intel® Xeon® E5-2600 series processors (up to 130W TDP) per node. Available with front I/O and 2x 3.5" or 6x 2.5" hot-swap HDD bays. Features redundant 1620W Platinum Level high-efficiency (94%+) power supplies.
- SYS-6037R-72RFT+ 3U SuperServer® supporting 3x GPUs (passive cooling), dual Intel® Xeon® E5-2600 series processors (up to 135W TDP), up to 768GB memory and 8x hot-swap 3.5" SAS2 HDD bays. Features redundant 1280W Platinum Level high-efficiency (94%) digital switching power supplies.
- SYS-2027GR-TRFH 2U SuperServer® supporting 6x GPUs, dual Intel® Xeon® E5-2600 series processors (up to 130W TDP), up to 256GB memory and 10x hot-swap 2.5" SATA HDD bays. Features redundant 1800W Platinum Level high-efficiency (94%+) power supply and smart server management tools.
- SYS-1027GR-TRT2+ 1U SuperServer® supporting 3x GPUs, dual Intel® Xeon® E5-2600 series processors (up to 130W TDP), up to 512GB memory in 16x DIMM slots and 4x hot-swap 2.5" SATA3 HDD bays. Features 1600W redundant Platinum Level high-efficiency (94%+) power supplies and smart server management tools.
- SYS-1027GR-TQFT 1U SuperServer® supporting 4x GPUs, dual Intel® Xeon® E5-2600 series processors (up to 115W TDP), up to 256GB memory and 4x hot-swap 2.5" SATA3 HDD bays. Features 1800W Platinum Level high-efficiency (94%+) power supplies and smart server management tools.

SuperBlade®

- SuperBlade® Solution — The all-in-one SuperBlade features redundant Platinum Level high-efficiency (94%+) power

supplies, high speed connectivity through network switch modules, including 56Gb/s FDR IB (SBM-IBS-F3616M), FC/FCoE (SBM-XEM-F8X4SM), 10GbE (SBM-XEM-X10SM) and 1/10GbE (SBM-GEM-X3S+) and centralized remote management software.
- NEW SBI-7127RG3 Blade supports 3x NVIDIA Tesla K20X SXM form factor GPUs, dual Intel® Xeon® E5-2600 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.
- NEW SBI-7127RG-E Blade supports 2x GPUs, dual Intel® Xeon® E5-2600 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.

SuperWorkstations (NVIDIA® Maximus™ Technology Certified)

- SYS-7047GR-TRF / -TPRF Ultimate performance and expandability with support for up to 5x GPUs, dual Intel® Xeon® E5-2600 series processors, up to 512GB memory and 8x hot-swap 3.5" HDD bays. Features redundant 1620W Platinum Level high-efficiency (94%) power supplies.
- SYS-7047A-T High-end 4U/Tower workstation supports dual Intel® Xeon® E5-2600 series processors, up to 512GB memory, PCI-E 3.0 3x (x16), 2x (x8), 1x (x4) expansion slots, 8x 3.5" hot-swap HDD bays and dual-port Gigabit Ethernet. Features 1200W Platinum Level high-efficiency (94%) power supply.
- SYS-7037A-i High-end, whisper-quiet (24db) workstation supports dual Intel® Xeon® E5-2600 series processors, up to 512GB memory, PCI-E 3.0 3x (x16), 2x (x8), 1x (x4) expansion slots, 4x 3.5" hot-swap HDD bays and optional 4x 2.5" internal HDD/SDD bays and dual-port Gigabit Ethernet. Features 900W high efficiency power supply.
- SYS-5037A-i Entry-level, single processor workstation supporting Intel® Xeon® E5-1600/2600 series processors, up to 256GB memory, PCI-E 3.0 2x (x16), 1x (x4 in x8), PCI-E 2.0 1x (x4 in x8), 1x PCI-32 expansion slots, 4x 3.5" hot-swap HDD bays and optional 4x 2.5" internal HDD/SDD bays. Features 900W high efficiency power supply.

Supermicro will exhibit its latest high-performance GPU solutions at the NVIDIA GPU Technology Conference Japan 2013 this week. For more information on Supermicro's complete line of high performance GPU server solutions, visit www.supermicro.com/GPU.

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.

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