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Supermicro's Revolutionary FatTwin and Broadest Line of Energy Efficient Server Solutions on Exhibit at CeBIT

FatTwin Leads Industry with $500 per Node Savings and 33% Increase in Data Bandwidth and Storage Capacity

HANNOVER, Germany, March 5, 2013 /PRNewswire/ -- *Super Micro Computer, Inc.* , a global leader in high-performance, high-efficiency server, storage technology and green computing is exhibiting its latest innovations in server and storage technologies at CeBIT 2013 in Hannover, Germany this week. At the center of focus is Supermicro's innovative, versatile 4U FatTwin(TM) [http://www.supermicro.com/FatTwin/] compute and storage platform which is rapidly evolving to meet customer demands across wide variety of applications. The 4U 8-node SYS-F617R3-FT [http://www.supermicro.com/products/system/4U/F617/SYS-F617R3-FT.cfm] provides $500 per node savings over 4 years from its energy efficient design while the 4-node 8x 3.5" hot-swap HDD per node SYS-F627R3-RTB+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627R3-RTB_.cfm]/R72B+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627R3-R72B_.cfm] provides 33% increased data bandwidth and storage capacity. Extreme storage capacity is also featured in the new 4U Double-Sided Storage® server SSG-6047R-E1R72L [http://www.supermicro.com/products/system/4U/6047/SSG-6047R-E1R72L.cfm] which supports 72x hot-swappable 3.5" SAS/SATA HDDs in 36x drive bays plus 2x internal fixed 2.5" HDD bays for OS and applications.

(Photo: http://photos.prnewswire.com/prnh/20130305/AQ69864 [http://photos.prnewswire.com/prnh/20130305/AQ69864])

For Hadoop/Big Data, Supermicro's new 4x dual processor (DP) node front I/O SYS-F617H6-FT+ [http://www.supermicro.com/products/system/4U/F617/SYS-F617H6-FT_.cfm]/FTL+ features up to 12x 3.5" SAS/SATA HDDs per U with hardware/software RAID support. Optimized for Data Center and Cloud Computing, the SYS-F627R3-F73 [http://www.supermicro.com/products/system/4U/F627/SYS-F627R3-F73.cfm]/-FT [http://www.supermicro.com/products/system/4U/F627/SYS-F627R3-FT.cfm] features 4x hot-plug DP nodes with 4x hot-swap 3.5" SAS/SATA HDD bays per node or 8x hot-swap 2.5" SAS HDD bays per node in the SYS-F627R2-F73 [http://www.supermicro.com/products/system/4U/F627/SYS-F627R2-F73.cfm] with front I/O for ease of maintenance in hot /cold aisle environments. For HPC applications in engineering and scientific research, the 4x node GPU FatTwin SYS-F627G3-FT+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G3-FT_.cfm]/F73+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G3-F73_.cfm]/F73PT+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G3-F73PT_.cfm] supports up to 12x NVIDIA® (Kepler) K10, K20M, K20X GPUs or Intel® Xeon Phi(TM) Coprocessors and 2x 3.5" hot-swap HDD bays per node with 10GBase-T. 6x 2.5" hot-swap HDD bay models are also available (SYS-F627G2-FT+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G2-FT_.cfm]/F73+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G2-F73_.cfm]/F73PT+ [http://www.supermicro.com/products/system/4U/F627/SYS-F627G2-F73PT_.cfm]). Supermicro's optimized air channel FatTwin architecture incorporates highly power efficient motherboard designs and heavy duty 8cm fans for optimal cooling. Combined with Platinum level, high efficiency (95%) digital switching power supplies and reduced cabling these platforms enable operation at higher ambient temperatures (up to 47°C) lowering overall power consumption by up to 16% and dramatically improving overall energy efficiency.

"This year at CeBIT our FatTwin shows its power savings and performance improvement capability with the greatest cost savings of $500 per node and 33% data bandwidth and storage capacity increase over competitive solutions on the market," said Charles Liang, President and CEO of Supermicro. "We can all grow our business while embracing the earth with the industry's highest density and energy efficient computing solutions featuring eight 3.5" hot-swap hard disc drives per U. Our extensive FatTwin platform alongside our full range of motherboards, servers, storage and networking solutions exemplifies Supermicro's leadership position as the world's premiere server building block solutions company."

Supermicro also has a vast array of standard and proprietary form factor motherboards [http://www.supermicro.com/products/motherboard/] at the show providing the foundation of its server Building Block Solutions®. Available in multi (MP), dual (DP) and single, uni (UP) processor configurations for both Intel® and AMD CPUs, these boards cover the spectrum from low-power, compact embedded applications to workstations and mission critical enterprise-class rack mount server and high-capacity storage systems. Highlights include the UP X9SBAA-F [http://www.supermicro.com/products/motherboard/Atom/X9/X9SBAA-F.cfm] Mini-ITX embedded motherboard featuring a low-power Intel® Atom(TM) processor, 8GB of DDR3 ECC memory and remote management via IPMI ideal for use in

Supermicro's new ultra-compact CSE-101i [http://www.supermicro.com/products/chassis/Mini-ITX/101/SC101i.cfm] Box PC. The UP X9SRA [http://www.supermicro.com/products/motherboard/xeon/c600/x9sra.cfm] ATX motherboard supports an Intel® Xeon® E5-2600/1600 processor, up to 256GB DDR3 memory and 4x PCI-E expansion slots, ideal for a cost effective entry level workstation (SYS-5037A-i [http://www.supermicro.com/products/system/tower/5037/sys-5037a-i.cfm]). The DP X9DRX+-F [http://www.supermicro.com/products/motherboard/xeon/c600/x9drx_-f.cfm] is Supermicro's proprietary 15.2" x 13.2" motherboard supporting dual Intel® Xeon® E5-2600 processors, up to 135W TDP and the world's only 11x PCI-E expansion slot solution. For maximum performance per dollar, Supermicro's MP H8QG7-LN4F [http://www.supermicro.com/aplus/motherboard/opteron6000/sr56x0/h8qg7-ln4f.cfm] supports up to 4x 16-core AMD Opteron(TM) 6000 series processors, 1TB DDR3 1600 MHz ECC memory, full hardware RAID and 4x PCI-E 2.0 expansion slots. These are just a brief sampling of the more than 65 motherboards Supermicro will have on display at CeBIT.

Additional exhibits include SuperBlade® solutions, available in dual-node DP TwinBlade® (SBI-7227R-T2 [http://www.supermicro.com/servers/blade/module/SBI-7227R-T2.cfm] and SBA-7222G-T2 [http://www.supermicro.com/Aplus/superblade/module/SBA-7222G-T2.cfm]), 64-core AMD G34 4-way MP Blade (SBA-7142G-T4 [http://www.supermicro.com/Aplus/superblade/module/SBA-7142G-T4.cfm]), 3 TFlops GPU Blade (SBI-7127RG [http://www.supermicro.com/products/superblade/module/SBI-7127RG.cfm]), 9.6TB Storage Blade with HW RAID & BBU (SBI-7127R-S6 [http://www.supermicro.com/products/superblade/module/sbi-7127r-s6.cfm]) and PCI-E 3.0 x16 Expansion Workstation Blade (SBI-7127R-SH [http://www.supermicro.com/products/superblade/module/SBI-7127R-SH.cfm]). The all-in-one SuperBlade features 94%+ power efficiency and high bandwidth connectivity through optional network switch modules [http://www.supermicro.com/products/SuperBlade/networking/], including 56Gb/s FDR IB (SBM-IBS-F3616M), FCoE (SBM-XEM-F8X4SM), 10GbE (SBM-XEM-X10SM) and 1/10GbE (SBM-GEM-X3S+). A high-availability 1U mainstream SuperServer® SYS-5017R-MTRF [http://www.supermicro.com/products/system/1U/5017/SYS-5017R-MTRF.cfm] featuring Supermicro's patent pending BBP(TM) [http://www.supermicro.com/products/nfo/BBP.cfm] battery backup power module technology provides mission critical server and storage operation and eliminates the need for costly UPS infrastructure. The 3U MicroCloud (SYS-5037MC-H12TRF [http://www.supermicro.com/products/system/3U/5037/SYS-5037MC-H12TRF.cfm]) features 12 independent nodes each supporting an Intel® Xeon® E3-1200 v2 processor, up to 32 GB DDR3 VLP ECC memory, 2x 3.5" or 4x 2.5" SATA HDD bays for high density web hosting services. The 4U/Tower SYS-7047GR-TRF [http://www.supermicro.com/products/system/4u/7047/sys-7047gr-trf.cfm] features support for dual Intel® Xeon® E5-2600 series processors (up to 150W TDP) and is NVIDIA® Maximus(TM) certified for maximum acceleration and productivity for simultaneous design, visualization and compute-intensive simulation and rendering on a single workstation. Ultimate performance with lowest latency for High Frequency Trading (HFT) is solved by the Hyper-Speed 2U SYS-6027AX-TRF [http://www.supermicro.com/products/system/2U/6027/SYS-6027AX-TRF.cfm] supporting the highest performance Intel® Xeon® E5-2600 processors (up to 150W TDP) and hardware/BIOS enhancements delivering application performance improvements up to 30%. Rounding out total server building block solutions, Supermicro will demo systems in SuperRack® [http://www.supermicro.com/products/rack/] enclosures with high bandwidth 10-Gigabit Ethernet top-of-rack switches, 24-port SSE-X24S [http://www.supermicro.com/products/accessories/Networking/SSE-X24S.cfm] and new 48-port SSE-X3348T 10GBASE-T switch for RJ45 connections over copper CAT6 cable. Complete system monitoring and management is provided by Supermicro's Data Center Management software, NMView [http://www.supermicro.com/NMView/].

Visit Supermicro at CeBIT 2013 in Hannover, Germany March 5th through 9th at Hannover Messe, Hall 2, Stand E57, (E50) or browse Supermicro's total line of high performance, high-efficiency server and storage solutions at www.supermicro.com [http://www.supermicro.com/].

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About Super Micro Computer, Inc.

Supermicro® , 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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