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Supermicro® Shipping 96 DIMM 4U 4-Way SuperServer® Featuring New Intel® Xeon® Processor E7-8800/4800 v2

-- New Quad Socket Solution Supports 60 Cores, 6TB Memory, 12Gb/s SAS3 and Up to 48 Hot-swap HDD/SSD Bays for Extreme Data Processing in Enterprise Environments

SAN JOSE, California, Feb. 18, 2014 /PRNewswire/ -- *Super Micro Computer, Inc.* , a global leader in high-performance, high-efficiency server, storage technology and green computing announces it is shipping a new multi-processor (MP) 4-Way X10 SuperServer (SYS-4048B-TRFT [http://www.supermicro.com/products/system/4U/4048/SYS-4048B-TRFT.cfm]) optimized for extreme data intensive applications in the Enterprise. This high-performance, high-capacity server takes full advantage of the latest Intel® Xeon® processor E7-8800/4800 v2 advances and provides architecture innovations such as dual-zone cooling to support the highest performance (155 watt TDP) processors. This system features 96x DIMM slots supporting up to 6TB DDR3 1600MHz Reg. ECC R/LRDIMMs, up to 48x 2.5" hot-swap HDD/SSDs, 12Gb/s SAS3 backplane, 11x PCI-E 3.0 slots, dual 10GBase-T ports plus 1x dedicated LAN port for IPMI 2.0 remote monitoring and redundant (2+2) 1620W hot-swappable Platinum Level high-efficiency power supplies. With high memory capacity and flexible I/O expansion, this platform is ideal for deployment in Data Center, virtualization and mission critical Enterprise applications. To ensure customers the fastest deployment time, these servers will be sold as complete solutions with testing and validation of CPUs, memory and additional components prior to ship.

(Photo: http://photos.prnewswire.com/prnh/20140218/AQ66090 [http://photos.prnewswire.com/prnh/20140218/AQ66090])

"Supermicro's new 4U 4-Way X10 SuperServers feature a radically new split-level design which provides dual-zone cooling, ensuring Intel's 155 watt CPUs have maximum airflow to operate at peak performance," said Charles Liang, President and CEO of Supermicro. "In addition, the architectural layout of components within the system maximizes density while providing optimal thermal management and ease of maintenance. With 60 cores, 6TB of memory, 12Gb/s SAS3 and massive storage capacity, Enterprise customers in need of highest performance, density and reliability for extreme business analytics have immediate access to the most advanced server solution available from Supermicro."

"With the launch of new Intel Xeon processor E7-8800/4800/2800 v2 product families, high end, multi-socket server solutions from Supermicro can deliver significantly greater performance and expansion options for enterprise IT's extreme data processing and advanced analytics needs," said Shannon Poulin, vice president and general manager of Data Center Marketing at Intel. "Featuring up to 15 cores per processor and Intel Integrated I/O with PCI-E 3.0 for greater flexibility, these next generation processors are also ideally suited for large scale virtualization deployments, scale-up high performance computing, and expanding cloud services for business critical workloads. The innovative architecture found in Supermicro's new 4-Way SuperServer takes maximum advantage of Intel's latest processor technologies and together we are pushing the boundaries of performance, density, and scalability for mission critical business segments in the marketplace."

4U 4-Way X10 SuperServer® (SYS-4048B-TRFT [http://www.supermicro.com/products/system/4U/4048/SYS-4048B-TRFT.cfm]*)*

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--  Applications: Mission Critical Enterprise, Data Center, Cloud Computing,
    Virtualization, Database, Financial Analysis
--  4x Intel® Xeon® processor E7-8800/4800 v2 family (15-Core, 155W TDP)
    w/QPI up to 8.0GT/s
--  96x DIMMs across 8x memory modules supporting up to 6TB of DDR3 1600MHz
    Reg. ECC RDIMM and LRDIMM memory
--  Up to 48x 2.5" hot-swap HDD/SSD devices (24x default)
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--  12Gb/s SAS3 backplane supports up to 24x HDD/SSDs

--  Up to 11x PCI-E 3.0 slots, 4x (x16), 7x (x8)

--  2x RJ45 10GBase-T ports,1x dedicated LAN port for IPMI 2.0 remote
    management via Add-on Card

--  BMC supports IPMI 2.0 + KVM w/dedicated LAN

--  4x internal 9cm + 3x external 8cm heavy-duty cooling fans

--  Redundant (2+2) 1620W hot-swappable 80 Plus Platinum Level
    high-efficiency power supplies

--  W 17.2" (437mm) x H 7.0" (178mm) x D 31.3" (795mm)
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Supermicro will also release a new high memory capacity 2-Way 2-node platform supporting dual Intel® Xeon® E7-8800/4800/2800 v2 family processors per node. The key feature of this 2U system is 32x DIMM sockets per node supporting up to 2TB per U for memory intensive applications. With 32GB DIMMs per socket, this solution offers the most cost effective option for 1TB per U.

For more information on Supermicro's full range of Multi-Processor server solutions, visit www.supermicro.com/Xeon_MP [http://www.supermicro.com/Xeon_MP].

Follow Supermicro on Facebook [https://www.facebook.com/Supermicro] and Twitter [http://twitter.com/Supermicro_SMCI] to receive their latest news and announcements.

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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