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Supermicro® Extreme Density 6U MicroBlade Solutions Deliver Much Higher Density and Energy Efficiency by Enabling VLP DDR4 16/32GB RDIMM

- Cost-Effective, Flexible, Scalable, Converged Architecture for Cloud, Enterprise, Video, Graphics, HPC, and Hyper-Scale Computing offer Industry's Best Quality and Serviceability

SAN JOSE, California, May 4, 2015 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing, is shipping the new extreme-density server platform in high volume, targeting hyper-scale data center, cloud, web hosting environments and video streaming, VDI, high performance video/graphics applications. MicroBlade is a revolutionary, converged architecture that helps data centers around the world save money, space, and time. Unlike other architecture that requires costly investment in proprietary rack and facility infrastructure, Supermicro MicroBlade is a truly open and flexible architecture that fits in the industry standard 19" rack form factor at the best possible costs. It is a 6U, standard 19" rack-based, converged computing platform that combines the density, ease of use, manageability, high availability, serviceability, efficiency of blade servers with the cost advantage of rack-mount servers. Supermicro has increased node density and maximized energy efficiency and cooling by enabling VLP DDR4 16/32GB RDIMM. Enabling this technology with Industry leading memory vendors, Supermicro is able to offer this technology at regular DIMM cost.

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The modular MicroBlade architecture, supporting Intel® Xeon® E5-2600 v3, E3-1200 v3, Xeon® D-1500, and Atom™ C2000 series processors, maximizes rack space with full-featured power-conserving servers in easily serviceable front access hot-swap blade modules. Compute and storage are integrated in these 28 blades and shared networking, power and cooling are located at the rear of the system. The 6U MicroBlade enclosure incorporates redundant Titanium-Level high-efficiency (96%+) Digital Switching power supplies, optimized airflow with redundant energy-efficient cooling fans, redundant chassis management modules (CMM), and redundant high-speed, low-latency SDN switches. The 1Gb/2.5Gb Ethernet switches (MBM-GEM-001/003s/003i) and 10Gb Ethernet switch (MBM-XEM-001), based on Intel Ethernet switch FM5224 and FM6348, respectively, support enhanced features critical for today's high performance switching environments: low latency, scalability, Priority Flow Control, and DCBX. These integrated switches simplify cable management and reduce cables up to 95% for Xeon processor-based solutions.

"Supermicro MicroBlade solutions deliver extreme high density, energy efficiency, optimized cooling and cost effectiveness by enabling VLP DDR4 16/32GB RDIMM without a price premium over existing memory technologies," said Charles Liang, President and CEO of Supermicro. "Our advanced power saving, modular architecture leads the industry by dramatically increasing compute density to maximize performance per watt, per dollar, per square foot all while offering the best quality and ease of serviceability. With up to 112 full featured energy efficient compute nodes per 6U, MicroBlade delivers the most cost-effective, earth friendly server solution available for rapidly expanding data centers and cloud computing environments."

Supermicro 6U MicroBlade Portfolio

MBI-6128R-T2**/**-T2X - performance oriented solution with highest density up to 196 Intel® Xeon® DP nodes (5488) cores) per 42U rack with 95% cable reduction - supports dual Intel® Xeon® Processor E5-2600 v3 (up to 14 cores) up to 28x DP servers with 1GbE and 10GbE options. It is perfect for enterprise as well as cloud computing applications.

MBI-6218G-T41X, MBI-6118G-T41X - high density, low power solution featuring 56 Intel® Xeon® Processor D-1500 (Broadwell-DE) based servers in 6U (up to 392 computing nodes per 42U rack) with 10GbE. It is cost effective solution for scale-out cloud workloads with 10GbE.

MBI-6118D-T2**/**-T2H**/**-T4**/**-T4H - high-density, single-socket server solution supporting Intel® Xeon® E3-1200 v3 (up to 84W TDP) and upcoming new processors. Up to 196 Denlow UP nodes per 42U rack and 99% cable reduction. It is perfect for such cloud applications as Web hosting, cloud graphics like virtual hosted desktops, cloud gaming, workstation in the cloud, etc.

MBI-6418A-T7H/-T5H - ultra low power & cost-effective solution using 8-Core Intel® Atom™ Processor C2000, with up to 112 nodes in 6U (up to 784 computing nodes per 42U rack) enclosure. It is perfect solution for such cloud applications as dedicated hosting, Web serving, memory caching, content delivery, etc.

For more information on Supermicro's complete line of MicroBlade solutions, visit www.supermicro.com/MicroBlade.

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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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