



Supermicro® Launches 100+ New Generation Server Solutions Supporting Intel® Xeon® Processor E5-2600/1600 Families

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- New Generation Server, Storage, and Workstation Platforms Deliver Highest

Levels of Performance, Efficiency and Scalability for Data Center, Enterprise IT, Cloud
Computing and HPC

Super Micro Computer, Inc. , a global leader in high-performance, high-efficiency server technology and green computing unveils its new generation server platforms supporting the Intel(R) Xeon(R) processor E5-2600/1600 families at CeBIT 2012 in Hannover, Germany this week. This comprehensive product launch showcases the vast array of systems, serverboards and computing solutions Supermicro has deployed delivering higher performance with Intel's newest 8 core, 16 thread processors. Debuting alongside this launch are innovative, free-air cooled systems designed to withstand 47 C operating temperature environments that make it easier to achieve a better PUE (e.g., 1.05). In addition, Supermicro has created a new platform architecture dubbed "FatTwin", an evolution of Supermicro's Twin architecture, offering enhanced system cooling, power savings, lower TCO and ultimate flexibility to support any application or upgrade path. Major advances in high-efficiency (95%) Digital Switching power supplies and integrated UPS battery backup module technologies provide increased efficiency and high-availability for mission critical applications. When combined with full rack integration services and new Data Center Management software that manages health, power and maintenance of servers in large deployments, Supermicro provides the most complete, scalable computing solutions with maximized performance and the highest levels of efficiency.

(Photo: <http://photos.prnewswire.com/prnh/20120306/AQ61740>)

"With the launch of our extensive lineup of new generation server solutions optimized for Intel's new Xeon processors, computing and cooling power savings and greater storage capacity, Supermicro is delivering a superior computing platform for data center, enterprise, cloud and high performance computing," said Charles Liang, President and CEO of Supermicro. "We offer customers a time-to-market advantage with early deployment of production ready solutions across our major new lines of products. In 2012, Supermicro is leading the industry with the widest selection of high-performance, high-efficiency server building block solutions and creating the new paradigm in scalable computing."

"Intel(R) Xeon(R) processor E5 family-based platforms offer the best combination of performance, built-in capabilities, and cost-effectiveness for IT's diverse needs," said Boyd Davis, Intel Vice President and General Manager of the Datacenter Infrastructure Group. "Supermicro's platforms take advantage of the Intel(R) Xeon(R) processor E5 product family's new innovations such as Intel(R) Advanced Vector Extensions, PCIe 3.0, and Intel(R) Turbo Boost Technology 2.0, to provide optimized power, increased security, flexible performance, and the opportunity to streamline our customer's data centers."

For Engineering and Scientific fields, new server platforms deliver greater performance with higher efficiency for HPC applications. SuperBlade(R) combines 40 CPUs in 7U with FDR/QDR InfiniBand, FCoE and 10GbE connectivity delivering the highest compute-density and high-bandwidth I/O solutions for data intensive applications. For the widest range of supercomputing options, Supermicro offers X9 GPU solutions in 1U 4/3 GPU, 2U 6/4 GPU SuperServers and 7U 20 CPU/20 GPU SuperBlade. The SuperWorkstation line has also been optimized for the latest high performance CPUs and multi GPU configurations to handle the most demanding digital content creation and computer-aided design applications.

Data Center Optimized (DCO) solutions that reduce cooling costs and take full advantage of Intel(R) Turbo Boost Technology 2.0 for maximum performance are also available for Enterprise IT and Cloud Computing applications. 1U Twin(TM), 2U Twin2 (R) and the upcoming FatTwin servers feature high compute-density, energy efficiency and cost effectiveness in dual-processor (DP), multi-node architectures sharing redundant high-efficiency power supplies. I/O optimized systems provide a wide variety of network and storage expansion options via Supermicro's flexible Wide I/O (WIO) architecture. For cost-effective web, collocation and corporate services, the innovative 3U, 8 hot-swap node MicroCloud offers an easy to manage and maintain multi-node, uni-processor (UP) solution. In addition, new generation SuperStorage solutions provide greater storage capacity and scalability. For SMB and mainstream applications, Supermicro offers the broadest selection of UP/DP motherboards and chassis that can be paired into a staggering variety of systems and configured to meet practically any application need.

With 48 port 10GbE top-of-rack aggregation switches, Supermicro's Data Center Management solutions (NMView and SSM),

redundant high-efficiency power supplies, integrated UPS battery backup modules and full integration services for 42U/14U SuperRack(R) enclosures, Supermicro provides the full spectrum of end-to-end Server Building Block Solutions(R) for any scale IT operation.

Supermicro's X9 platforms provide E5-2600/1600 performance advantages across its entire product suite from serverboards, SuperServer(R), SuperBlade(R) and Twin Architecture to GPU Supercomputers, SuperWorkstation, SuperStorage and DCO solutions. Supermicro is once again first-to-market with the industry's largest selection of advanced high-performance, high-efficiency computing solutions. For more information about Supermicro's complete X9 server and computing platforms go to <http://www.supermicro.com/X9>.

About Super Micro Computer, Inc.

Supermicro(R) , the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions(R) for Enterprise IT, Data Center, HPC, Cloud Computing and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green(R)" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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