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## Supermicro® Highlights VMware EVO: RAIL™, FatTwin™ Virtual SAN Ready Nodes and NVIDIA GRID vGPU SuperServer® at VMworld Barcelona

*- VMware Optimized Compute, Storage and Networking Solutions Provide Turnkey Virtualization Platforms for Scalability and Adaptability in Hyper-Scale Environments*

BARCELONA, Spain, Oct. 14, 2014 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing highlights its 2U TwinPro™ VMware certified EVO: RAIL, 4U FatTwin™ Virtual SAN Ready Nodes and an early access program NVIDIA GRID™ vGPU™ based SuperServer® at VMworld in Barcelona, Spain this week. Supermicro's EVO: RAIL hyper-converged infrastructure appliance accelerates deployment and optimizes performance of virtualized environments. The 4U 4-node FatTwin Virtual SAN appliance features ready to deploy VDI nodes supporting up to 400 VMs, 8x 3.5" hot-swap HDD bays per U and redundant, hot-swap Titanium Level, High Efficiency (96%+) Digital Power Supplies. Supermicro's latest X10 SYS-1028GR-TRT SuperServer® is part of an early access program that enables virtualized GPU solutions with NVIDIA GRID GPU technology. This high density VDI solution consolidates compute resources for graphic intensive workloads in the data center, providing remote clients scalable high performance computing at the desktop with maximum security benefits, lowering overall operational expenses. In addition, Supermicro is expanding its VMware optimized server, storage and networking solutions with the most advanced Green Computing technologies including Intel® Xeon® E5-2600 v3 processors, the world's only hot-swappable NVMe SSDs delivering up to 6x IOPS over existing SATA storage solutions and Titanium Level high-efficiency (96%+) Digital Power Supplies.

"Supermicro's new generation X10 server platforms feature PUE-3 to lower power consumption, optimized cooling advancements that support dual processor nodes up to 165W, an advanced architecture that maximizes network and expansion options, the industry's only hot-swappable NVMe SSDs and our own high-efficiency Titanium Level digital power supplies," said Charles Liang, President and CEO of Supermicro. "Combining our server and storage architecture innovations with industry leading software solutions we are delivering the most sophisticated virtualization platforms to meet the growing demands within Data Centers. With higher core counts, greater memory capacity and the highest density storage solutions on the market, we are maximizing VM density per rack to provide the highest performance per watt, per square foot, per dollar."

"Customers will benefit from exceptional graphics performance and scalability with NVIDIA GRID and Supermicro thanks to our work with VMware on vGPU technology for next generation virtualization platforms," said Andrew Cresci, General Manager, NVIDIA GRID. "Users will have workstation-class performance and reliability with the benefit of sharing a GPU across multiple users - the ultimate shared virtualized graphics experience."

Photo - <http://photos.prnewswire.com/prnh/20141013/151675-INFO>

Supermicro EVO: RAIL Appliance (SYS-2027TR-VRL001/002) ([www.supermicro.com/EVO\\_RAIL](http://www.supermicro.com/EVO_RAIL)) - 2U TwinPro<sup>2</sup>, 4 nodes, redundant hot-swap Titanium Level, High Efficiency (96%+) Digital Power Supplies, 14.4TB raw capacity with 10K RPM drives and built in caching with SSD, RJ45 (VRL001 model) or SFP+ (VRL002 model) networking connectivity. Software Bundle includes vSphere, Virtual SAN and vCenter components. Supports up to 100 general purpose server virtual machines or 250 virtual desktop machines per appliance.

VSAN Ready Nodes ([www.supermicro.com/VSAN](http://www.supermicro.com/VSAN)) - 4U FatTwin™ (SYS-F627R3-VSN002L) 4x nodes, each supporting dual Intel® Xeon® processor E5-2600 v2, up to 6GB memory, 33.6TB 10K RPM HDDs, 10GbE SFP+, vSphere 5.5, Virtual SAN 5.5. Supports up to 250 virtual machines.

Supermicro early access program NVIDIA GRID vGPU SuperServer® ([SYS-1028GR-TRT](http://www.supermicro.com/SYS-1028GR-TRT)) - Dual Intel® Xeon® processor E5-2600 v3, up to 1TB ECC, DDR4 2133MHz in 16x DIMMs, up to 3x NVIDIA GRID K2 GPUs supporting up to 48x concurrent users, dual 10GBase-T ports, 4x hot-swap 2.5" SATA3 drive bays, 1600W Redundant Platinum Level high efficiency (95%+) digital power supplies.

Additional highlights at VMworld include:

[Ultra Servers](#) NVMe Solution

- | 2U Ultra SuperServer® (SYS-6028U-NR4T+) dual Intel® Xeon® processor E5-2600 v3, up to 1.5TB ECC DDR4 2133MHz in 24x DIMMs, 5x PCI-E 3.0 x8 slots (4x FH, 10.5" L, 1x Internal LP), 4x 10GBase-T ports, 12x hot-swap 3.5" drive bays, default 8x SATA3 and 4x NVMe ports, optional 12x SAS3 12Gb/s ports

#### Supermicro 7U [SuperBlade®](#)

- | StorageBlade ([SBI-7127R-S6](#)) supporting 6x hot-swap HDD/SSD and 10GbE [Blade Switch](#)

#### 10/1GbE Top-of-Rack [Network Switches](#)

- | Layer 2/3 Ethernet Switching, link aggregation (LACP), Jumbo frames, VLAN support
- | SSE-G24-TG4 - 24x RJ45 1Gbps Ethernet ports with 4x SFP Combo ports, 4x 10Gbps Ethernet (CX4, XFP, or SFP+) ports
- | SSE-G48-TG4 - 48x RJ45 1Gbps Ethernet ports with 4x SFP Combo ports
- | SSE-X3348T(R) - 48x RJ45 10Gbps Ethernet ports, (R) reverse airflow model
- | SSE-X24S / SSE-X3348S(R) - 24x/48x 10Gbps Ethernet (SFP+) ports, (R) reverse airflow option

Visit Supermicro at VMworld 2014 Europe in Barcelona, Spain, October 14-16 at the Fira Barcelona Gran Via, Booth #100. For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit [www.supermicro.com](http://www.supermicro.com).

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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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