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Supermicro® 2U TwinPro™/TwinPro²™ Unleash I/O and Network Performance with 12Gbs SAS3, NVMe, 10GbE/40GbE and 56Gbs FDR InfiniBand

Industry First 12Gbs SAS3, PCI-E SSD Enabled Servers Offers Best Performance per Watt with New Power Efficient Technology

SAN JOSE, Calif., Jan. 10, 2014 /PRNewswire/ -- Super Micro Computer, Inc. (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing, builds on its award winning Twin architecture with new 2U TwinPro™ and TwinPro²™. These next generation 2U Twin architecture servers are available 2-node (TwinPro) and 4-node (TwinPro²) configurations optimized for high-end, high-density Data Center, Cloud Computing, Enterprise, HPC and Big Data applications. The TwinPro series servers are performance enhanced with LSI 3108/3008 12Gbs SAS 3.0 controllers to maximized storage I/O, NVM Express (NVMe) for secure, accelerated PCI-E SSD performance and onboard 10GbE or InfiniBand 56Gbs FDR/40Gbs QDR options for maximum network bandwidth. Additional features of the TwinPro servers include support for dual Intel® Xeon® E5-2600 v2 processors (up to 130W TDP), greater memory capacity up to 1TB ECC DDR3 1866MHz memory in 16x DIMMs, additional PCI-E 3.0 expansion slots, up to 12x 2.5" or 6x 3.5" hot-swap HDD/SSD trays per node and support for a full-length, double-width GPU (2x SXM GPU option available) or Intel® Xeon Phi™ coprocessor per node in the 2U TwinPro models. Inherent to the innovative Twin architecture is the energy efficiency achieved with airflow optimized motherboard and chassis designs, shared 80mm fans with intelligent speed control and redundant, hot-swappable Platinum Level high-efficiency (95%) digital switching power supplies (Titanium Level > 96% option). In addition, these systems are easily serviceable with hot-swap nodes, reduced cabling and secure, remote server management through IPMI. The resulting total advantage is lowest overall TCO for customers seeking the greatest competitive edge in challenging IT environments.

(Photo: http://photos.prnewswire.com/prnh/20140110/AQ44166)

"Supermicro's new 2U TwinPro and TwinPro² maximize performance and power savings by integrating the fastest storage and network technologies available into our resource optimized, energy efficient 2U Twin architecture," said Charles Liang, President and CEO of Supermicro. "In this Twin evolution, we've accelerated I/O by integrating 12Gbs SAS3 and NVM Express to unleash the full performance potential of SSD storage. In addition, we've added 10GbE, 40GbE and 56Gbs FDR InfiniBand options for maximum bandwidth and lowest latency. Together with the energy efficiency advantages of our TwinPro architecture, we deliver customers the most cost-effective server solutions offering maximum performance per watt, per dollar, per square foot for data-intensive applications."

TwinPro™ System Highlights
2U 2-Node TwinPro™
NVMe 4x 2.5" PCI-E SSD support, GPU/Intel® Xeon Phi™ support, 1280W Redundant Platinum Level Power Supplies

- **SYS-2027PR** (12x hot-swap 2.5" bays per node), **SYS-6027PR** (6x hot-swap 3.5" bays per node)
- **-DC0TR** (SAS3 LSI 3008 S/W RAID w/10GBase-T)
- **-DC1FR** (SAS3 LSI 3108 H/W RAID w/FDR IB or 40GbE)
- **-DC1QR** (SAS3 LSI 3108 H/W RAID w/QDR IB)

2U 4-Node TwinPro²™
2000W Redundant Platinum Level Power Supplies

- **SYS-2027PR** (6x hot-swap 2.5" bays per node), **SYS-6027PR** (3x hot-swap 3.5" bays per node)
- **-HC0TR** (SAS3 LSI 3008 S/W RAID w/10GBase-T)
- **-HC1FR** (SAS3 LSI 3108 H/W RAID w/FDR IB or 40GbE)
- **-HC1QR** (SAS3 LSI 3108 H/W RAID w/QDR IB)

Visit www.supermicro.com/2UTwinPro for additional TwinPro™ models.

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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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