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Supermicro Achieves 1.4 Million IOPS with 1U SuperServer® Equipped with One ioDrive Octal

Supermicro and Fusion-io Enter into OEM Relationship to offer Supermicro Customers Unparalleled Performance and Reliability While Reducing Energy Consumption

SAN JOSE, Calif., Feb. 28, 2011 /PRNewswire/ -- **Super Micro Computer, Inc**. (Nasdaq: SMCI), a leader in application-optimized, high-performance server and storage solutions, today is announcing that a 1U SuperServer (SYS-6016GT-TF) running on the flash-based, server-attached ioDrive Octal from Fusion-io has achieved in excess of 2.2 million sequential IOPS, and in excess of 1.4 million random IOPS, offering supercharged performance in Supermicro's new SuperServer® line. The 1U SuperServer® being tested can be equipped with either 10G Ethernet or 40G Infiniband for networking or external storage connectivity.

The achievement comes as the two companies enter into a new Original Equipment Manufacturer (OEM) partnership. Fusion-io and Supermicro are teaming to offer Fusion Powered SuperServers® that significantly accelerate data intensive real-time applications, transactional databases and heavy workloads.

"Supermicro has worked closely with Fusion-io and fine-tuned our SuperServer® solution to obtain significant performance improvements over current SAS or SATA implementations," said Wally Liaw, Senior Vice President of International Sales for Supermicro. "Adding these Fusion-io accelerated SuperServers® to our extensive portfolio of high-efficiency memory and IO products provides our customers with SAN-like performance in smaller and more efficient form factors."

The initial agreement between the two companies covers three Supermicro SuperServer® models, bringing Fusion's ioMemory technology to 1U, 2U and 4U form factors. Supermicro will offer Fusion-io's ioDrive Duo and ioDrive Octal to its customers. By integrating the ioDrive Octal directly into a SuperServer®, enterprise applications are accelerated up to 10 times and beyond, while simultaneously reducing power-per-IOP up to 10 times.

"The solutions developed by Supermicro and Fusion-io bring both performance and reliability to NAND Flash, giving Supermicro customers a mission-critical advantage over their competitors," said Jim Dawson, Executive Vice President of Worldwide Sales for Fusion-io. "Architected to take advantage of the power of NAND Flash when it acts like memory instead of constraining it to operate like a disk, the Fusion Powered SuperServers® eliminate unnecessary complexity while dramatically improving performance and reliability. The result is flash-based performance that rivals DRAM, with data speeds dramatically exceeding even SSD-based storage arrays."

The ioDrive product line, available through the Supermicro solution in capacities up to 5.12 TB in the ioDrive Octal, offers Fusion-io's revolutionary new solid-state ioMemory tier to dramatically increase bandwidth and application performance, reduce latency, and simplify IT infrastructure, while slashing capital and operating costs. Supermicro SuperServers® integrated with ioMemory allows companies to rethink the way they architect data systems to unleash the true potential of their highest performance applications. Using less hardware, less power, and less administration, Fusion-io customers can realize performance gains of several magnitudes, immediately delivering unprecedented return on investment.

Three initial SuperServer models, covering 1U, 2U and 4U form factors are available with Fusion-io drives:

  l 1U: SYS-6016GT-TF
  l 2U: SYS-6026TT-GTRF
  l 4U: SYS-7046A-HRF+

Supermicro Server Building Block Solutions® offer exceptional flexibility and outstanding feature advantages. For more information on Supermicro's complete line of server and workstation solutions go to www.Supermicro.com.

About Supermicro Computer, Inc. (NASDAQ: SMCI)

Supermicro, the leader in server technology innovation and green computing, provides customers around the world with

application-optimized server, workstation, blade, storage and GPU systems. Based on its advanced Server Building Block Solutions, Supermicro offers the most optimized selection for IT, datacenter and HPC deployments. The company's system architecture innovations include the Twin server, Double-sided Storage™ and SuperBlade® product families. Offering the most comprehensive product lines in the industry, Supermicro provides businesses of all sizes with energy-efficient, earth-friendly solutions that deliver unmatched performance and value. Founded in 1993, Supermicro is headquartered in Silicon Valley with worldwide operations and manufacturing centers in Europe and Asia. For more information, visit www.Supermicro.com.

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