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Supermicro Launches Best in Class UIO SAS Cards

Powered by Intel(R) IOP348 I/O Processing Technology Supermicro Delivers Superior RAID-5 Performance

SAN JOSE, Calif., May 29, 2007 /PRNewswire-FirstCall via COMTEX News Network/ -- Super Micro Computer, Inc. (Nasdaq: SMCI), a leader in application optimized, high performance server solutions, today announced availability of four UIO SAS RAID adapters based on the high performance Intel(R) IOP348 I/O processor (formerly codenamed "Sunrise Lake"). Supermicro UIO cards with the Intel IOP348 storage system-on-a-chip (core speed 1.2GHz) deliver enterprise-class SAS and advanced RAID data protection. Optimized for Supermicro Universal I/O (UIO) servers, these high-performance UIO SAS cards provide RAID support and internal/external connection to SAS/SATA storage or backup devices. Supermicro AOC-USAS S-Series UIO cards deliver incredible performance, especially in the RAID-5 write cycle.

"These versatile new UIO cards allow users to customize their SAS solution by choosing the card that is best for their specific application," asserts Charles Liang, CEO and president of Supermicro. "When installed, the UIO SAS card becomes part of the serverboard, and the system still retains all of its PCI-Express and PCI-X slots for expansion cards."

"Based on high-performance, power-efficient Intel XScale(R) technology, the Intel(R) IOP348 I/O processor delivers enterprise-class SAS and advanced RAID data protection with significant flexibility and interoperability", said Mike Wall, Storage General Manager, Intel(R) Server and Storage Platform Group. "The Intel(R) IOP348 I/O processor enables Supermicro to deliver high performance SAS solutions with their new SAS Universal I/O cards."

With eight ports at 3 gigabits per second each, these SAS solutions can achieve an aggregated 2.4GB per second throughput. All of these new UIO cards support RAID 0, 1, 10 and the two higher end cards also support RAID 5 and 6. For those who want to connect external storage or backup devices, these controllers are capable of supporting up to 128 hard drives. A battery backup option is also available for these cards.

Supermicro UIO servers support Quad-Core Intel(R) Xeon(R) processors and feature earth-friendly, high-efficiency power supplies to maximize performance-per-watt savings and reduce total cost of ownership (TCO). Customers can now choose from the following selection of IOP348-based UIO SAS cards:

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    -- AOC-USAS-S4i:  4 internal, 4 external, RAID 0, 1, 10 and 128MB cache
    -- AOC-USAS-S4iR: 4 internal, 4 external, RAID 0, 1, 5, 6, 10 & 256MB
                      cache
    -- AOC-USAS-S8i:  8 internal ports, RAID 0, 1, 10 and 128MB cache
    -- AOC-USAS-S8iR: 8 internal ports, RAID 0, 1, 5, 6, 10 and 256MB cache
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For detailed information on Supermicro's complete range of application-optimized Server Building Block Solutions(R), please visit http://www.supermicro.com.

About Super Micro Computer, Inc.

Established in 1993, Supermicro emphasizes superior product design and uncompromising quality control to produce industry-leading serverboards, chassis and server systems. These mission-critical Server Building Block solutions provide benefits across many environments, including data center deployment, high-performance computing, high-end workstations, storage networks and standalone server installations. For more information on Supermicro's complete line of advanced motherboards, SuperServers, and optimized chassis, visit http://www.Supermicro.com, email Marketing@Supermicro.com or call the San Jose, CA headquarters at +1 408-503-8000.

These Supermicro UIO solutions leverage Intel(R) I/O Acceleration Technology to move network data more efficiently for fast, scalable, and reliable networking.

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