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Fusion-io Joins with HP to Accelerate Enterprise Server Application Performance for HP BladeSystem Customers

Companies work to develop the IO Accelerator, the world's first extreme-performance solid-state storage adapter specifically designed for blade server environments

Salt Lake City, March 3, 2009—Fusion-io, the leader in enterprise solid-state storage architecture and high-performance I/O solutions, today announced that the company has entered into an original equipment manufacturer (OEM) agreement with HP for the HP StorageWorks IO Accelerator, a NAND flash-based storage adapter based on Fusion's ioMemory technology. Designed and exclusively built to perfectly complement the industry leading HP BladeSystem, a single IO Accelerator card combines enhanced reliability with uncompromising data integrity to achieve more than 100,000 IOPS and 800MB/sec read- and 600MB/sec write-throughput, with access latencies of less than 50µs, and requiring as few as 6 watts.

The IO Accelerator represents a breakthrough as a new accelerated storage tier. Like Fusion-io's ioDrive products, which are designed in a PCIe card form factor, this new product for HP is based on Fusion's ioMemory architecture, which transforms data centers through improvements in three dimensions: data access performance, physical space usage and energy efficiency. This provides customers with unparalleled performance — virtually eliminating latency and bottlenecks at the application level — while consuming much less power than traditional solutions.

HP BladeSystem customers can deploy the IO Accelerator wherever there is a need to accelerate performance of I/O intensive applications and workloads, including scaling virtual machine deployments, driving faster financial transactions, improving 3D rendering time, and accelerating database and data mining performance. Most HP BladeSystem c-Class x86 blade servers can accommodate two or three IO Accelerator mezzanine cards, with each card providing up to 320GB of storage.

“The HP BladeSystem is leading the industry as the platform of choice for an expanding range of IT workloads,” said David Bradford, CEO of Fusion-io. “We appreciate the opportunity to work with HP and adapt our unique, next-generation technology for HP's blade servers. With Fusion's ioMemory technology, customers can benefit from accelerated application performance while significantly improving their data center operational efficiencies.”



“Customers are seeking ways to improve application performance by addressing network slow downs and bottlenecks at the server level,” said Jim Ganthier, vice president marketing, ESS Infrastructure Software and BladeSystem, HP. “The IO Accelerator card provides HP BladeSystem customers with a cost-effective, high-performance storage solution that reduces requirements for data center space, power and cooling.”

To learn more about the HP StorageWorks IO Accelerator, please visit:
http://h18006.www1.hp.com/products/storageworks/io_accelerator/index.html.

About Fusion-io

Fusion-io is a leading provider of enterprise solid-state technology and high-performance I/O solutions. The company’s solid state storage technology closes the gap between processing power and storage needs delivering breakthrough performance at a fraction of the cost of traditional disk-based storage systems. The result is a world of possibilities for performance-starved applications. For more information, please visit www.fusionio.com.