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Fusion-io Breaks One Billion IOPS Barrier

*New Breakthroughs in Low Latency Data Performance Achieved with Technology
Preview of Upcoming Auto Commit Memory Extension at DEMO Enterprise*

SAN FRANCISCO – Jan. 5, 2012 – Fusion-io today announced that it achieved one billion input and output operations per second (IOPS) in a technology demonstration conducted at DEMO Enterprise: An Evening of Innovation, in a preview of the company’s latency reducing Auto Commit Memory (ACM) extension, part of the Fusion ioMemory subsystem.

“Rethinking how to provide powerful modern CPUs with the data they need through sophisticated software architectures has enabled us to deliver the ultra low latency performance needed to achieve one billion IOPS with existing hardware and Fusion ioMemory solutions,” said David Flynn, Fusion-io Chairman and CEO. “This breakthrough is not something that could be achieved with hardware alone. Intelligent software that optimizes NAND flash as a low latency, high-capacity, non-volatile memory solution for enterprise servers can transform the way organizations process the immense amounts of data that powers our lives today.”

This demonstration used eight HP ProLiant DL370 servers, each equipped with eight ioDrive2 Duos, to break the one billion IOP barrier when transferring 64 byte data packets. This was a preview of an extension to the ioMemory architecture called Auto Commit Memory, which significantly reduces latency and system overhead in transferring data. Auto Commit Memory leverages the unique architecture of ioMemory to reliably deliver data at peak performance levels. Data integrity is assured by the ioMemory architecture’s ability to flush all in-flight data, even if the power is abruptly cut, without the need for super capacitors or batteries. The Auto Commit Memory extension will provide developers with new semantics to directly control the datapath to persistent memory, introducing a fundamentally new building block for how modern data systems are designed.

“Breaking the one billion IOPS barrier is certainly a powerful way to demonstrate our ioMemory architecture. As an engineer, what really excites me about extensions to our core technology such as ACM are the possibilities introduced when flash is utilized as a new memory tier,” said Steve Wozniak, Fusion-io Chief Scientist. “Instead of treating flash like storage, where data passes through all of the OS kernel subsystems that were built and optimized for traditional storage, our core ioMemory technology offers a platform with new programming primitives that can provide system and application developers direct access to non-volatile memory.”

To learn more about Fusion-io, go to <http://www.fusionio.com>. Follow Fusion-io on Twitter at <http://www.twitter.com/fusionio> and on Facebook at <http://www.facebook.com/fusionio>.

About Fusion-io

Fusion-io has pioneered a next generation storage memory platform for shared data decentralization that significantly improves the processing capabilities within a datacenter by relocating process-critical, or “active”, data from centralized storage to the server where it is being processed, a methodology referred to as data decentralization. Fusion’s integrated hardware and software solutions leverage non-volatile memory to significantly increase datacenter efficiency and offers enterprise grade performance, reliability, availability and manageability. Fusion’s data decentralization platform can transform legacy architectures into next generation datacenters and allows enterprises to consolidate or significantly reduce complex and expensive high performance storage, high performance networking and memory-rich servers. Fusion’s platform enables enterprises to increase the utilization, performance and efficiency of their datacenter resources and extract greater value from their information assets.

Forward-looking Statements

Certain statements in this release may constitute “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934 and Section 27A of the Securities Act of 1933, including, but not limited to, statements concerning the results of the input and output operations per second achieved in the demonstration of Fusion-io’s products at DEMO Enterprise: An Evening of Innovation, along with the anticipated benefits of these products for customers. These statements are based on current expectations and assumptions regarding future events and business performance and involve certain risks and uncertainties that could cause actual results to differ materially from those contained, anticipated, or implied in any forward-looking statement, including, but not limited to, the risk that users of Fusion-io’s products may not realize the expected benefits, and such other risks set forth in the registration statements and reports that Fusion-io files with the U.S. Securities and Exchange Commission, which are available on the Investor Relations section of our website at www.fusionio.com. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or will occur. Fusion-io undertakes no obligation to update publicly any forward-looking statement for any reason after the date of this press release.

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