



Photo Release -- Micron Announces First 2.5-inch PCIe Enterprise SSD

Flash Leader Selected by Dell for a New Generation of Scalable, High-Performance Servers

BOISE, Idaho, March 6, 2012 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq:MU), one of the world's leading providers of NAND Flash and advanced solid-state storage solutions, today announced that it has developed a 2.5-inch enterprise solid-state drive (SSD) based on a PCIe interface. The solution combines a high-performance PCIe interface with a hot-swappable 2.5-inch form factor that creates new options for enterprise server performance scalability and serviceability.

A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=11900>

Because the 2.5-inch form factor allows PCIe SSDs to be integrated into the front end of the server (like traditional data storage drives), customers can easily service the drive or scale performance — without ever powering down the server.

The new solution has been selected as a key storage device in Dell's PowerEdge 12th generation servers. These servers use innovative, front-accessible backplane designs that accommodate 2.5-inch SATA, SAS, and PCIe devices, allowing the customer to choose the appropriate combination of data storage and caching devices to optimize performance and storage to suit their needs. Customers can easily configure their solutions by hot-swapping PCIe devices without powering down the server — a requirement with existing PCIe card solutions.



"We're pleased with the results of our strategic collaboration with Micron to co-develop this innovative new form factor for our Express Flash solutions," said Brian Payne, Executive Director of Server Solutions at Dell. "Their knowledge in Flash design and SSD technology helped Dell create scalable high performance servers to handle demanding workloads and latency sensitive applications."

"The 2.5-inch PCIe SSD is a great example of how the Micron team has leveraged our NAND expertise and IP — the fundamental building blocks of SSDs — to develop high-performance, high-reliability enterprise storage solutions," said Glen Hawk, Micron Vice President of NAND Solutions. "Being selected as a key partner to Dell illustrates an important success in our ongoing strategy to transform leading-edge NAND technology into value-add enterprise solutions."

Both Micron and Dell are helping drive adoption of this interface through their membership in the SSD Form Factor Working Group (ssdformfactor.org). The working group is a broad industry effort to simplify the adoption and integration of PCIe storage drives, enabling breakthrough storage performance to reach broader audiences.

The new platform leverages Micron's P320h PCIe SSD design and is based on a custom-developed Micron controller, creating a vertically-integrated solution with leading-edge PCIe SSD performance. The 2.5-inch PCIe SSD is part of a full portfolio of enterprise-focused NAND components and SSDs, and it complements the P320h HHHL card form factor, providing Micron with multiple avenues to deliver the high-performance, high-reliability storage solutions required by demanding cloud applications like video streaming and virtual networks.

Micron is currently in production with the P320h HHHL card and is sampling the 2.5-inch PCIe solution to interested customers.

About Micron

Micron Technology, Inc., is one of the world's leading providers of advanced semiconductor solutions. Through its worldwide operations, Micron manufactures and markets a full range of DRAM, NAND and NOR flash memory, as well as other innovative memory technologies, packaging solutions and semiconductor systems for use in leading-edge computing, consumer, networking, embedded and mobile products. Micron's common stock is traded on the NASDAQ under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com.

The Micron Technology, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6950>

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The photo is also available at Newscom, www.newscom.com, and via AP PhotoExpress.

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