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Micron Takes Client Data Storage to the Next Dimension with Fast, Secure, Power-Efficient 3D NAND Flash Solid State Drives

New Micron 1100 and 2100 SSDs Deliver Next-Generation Performance to Redefine the Client Computing Experience

News Highlights

- | Micron introduces the 1100 SATA and 2100 PCIe NVMe SSDs, expanding its client-class portfolio
- | 3D NAND enables high capacity 2TB of client storage in a 2.5-inch form factor
- | Delivers extreme read performance that is up to 1900X faster for the 2100 SSD and 900X faster for the 1100 SSD, configured running client standard implementation, when compared to HDDs¹
- | Increase battery life with low power states that are up to 98% more efficient than HDDs¹
- | Micron's first client PCIe NVMe solution, the Micron 2100 SSD provides true plug and play performance and an attractive total cost of ownership (TCO) while reducing latency

BOISE, Idaho, May 31, 2016 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq:MU) today introduced Micron 1100 SATA and Micron 2100 PCIe NVMe, two new solid state drive (SSD) product lines designed to tackle client computing workloads from web browsing and email, to video editing and auto CAD design. Consumers have come to expect data delivered at the speed of now, and they are no longer willing to wait for computer startup, photos, videos or large storage files. Thanks to instantaneous load times enabled by flash storage, long data wait times are a thing of the spinning HDD past, and Micron's newest line of 3D NAND SSDs delivers on this promise.

Enhancing Micron's portfolio of [client data storage](#) solutions, these next-generation 3D NAND flash SSDs deliver the security, performance, endurance, efficiency and capacity that IT administrators, OEMs and power users crave.

The Micron 1100 and 2100 SSD product families are designed to address the storage demands of today's most challenging client computing platforms, including Ultrabook™ and tablets as well as performance-oriented PC desktops and workstations. Micron's newest line of 3D NAND SSDs delivers the speed, capacity and power needed to handle massive files, images and multimedia workloads.

"With the growing demands of mobile computing driving the need for high-capacity, high-performance NAND flash technology, Micron is well-positioned for growth," said Gregory Wong, President, Forward Insights. "Leadership in the client SSD market will be won by the innovator that successfully increases power efficiency without sacrificing security and performance."

"Micron is raising the bar for power-efficient, high-performance storage and revolutionizing the client computing experience for all users, from the board room to the class room," said Darren Thomas, vice president of storage at Micron. "Now our customers can future-proof their machines of tomorrow with the newest line of 3D NAND SSDs from Micron - all at an attractive cost compared to HDDs."

The new Micron 1100 and 2100 SSDs deliver world-class data protection, endurance, power efficiency, reliability and performance at an attractive cost, plus effortless management for users and IT administrators. Key benefits across both drive lines include:

Power Efficiency - Micron maximizes efficiency by reducing power consumption to deliver deep energy savings for notebooks and desktops alike, extending device battery life and user productivity.

Performance -Dynamic Write Acceleration has been optimized for common client computing environments, where data writing operations tend to occur in bursts, offering the increased performance without decreasing user capacity.

Security - In today's world, protecting valuable data is a top priority. The Micron 1100 and 2100 SSDs deliver top-of-the-line solid secure features, by placing parameters at the core to protect user data.

Durability - Each Micron SSD is carefully designed for an intended workload, meeting the necessary endurance and reliability specifications required.

Manageability - With Micron's Storage Executive software, a simple interface enables users to proactively monitor drive health and perform firmware updates. Additionally, the sanitize feature allows users to easily erase, repurpose and retire an SSD.

Micron 1100 SSD: Stop the Spin, Gain an Advantage

Featuring the industry's highest capacity TLC 3D NAND, the Micron 1100 SSD is Micron's most cost-competitive SATA SSD, taking power to the min and capacity to the max. The Micron 1100 SSD is ideal for mainstream computing applications, providing users with nearly instant data access, supremely fast system boot times and program load speeds that can happen in the blink of an eye — all while being incredibly silent and extremely power-efficient to extend mobile device battery life. When compared to an HDD¹, the Micron 1100 SSD is up to 900 times faster for random operations while increasing battery life with low power states that are up to 98 percent more efficient. With a maximum capacity of up to two terabytes of flash storage, the new Micron 1100 SSD is an attractive storage option for any user who wants both performance and longer battery life.

Micron 2100 SSD: Data Delivered so Fast, it's Nearly Instantaneous

Introducing Micron's first client PCIe NVMe solution, the Micron 2100 SSD transcends to the next dimension of storage with lower latency and unbridled performance for demanding client workloads, such as video creation and editing, online streaming and high-end gaming. The Micron 2100 SSD enables high-end client computing with simple plug and play capability. Providing four times the bandwidth of standard SATA SSDs, the Micron 2100 SSD reduces data lag and bottlenecks by allowing massive volumes of data to be processed simultaneously. By leveraging the low latency NVMe protocol, the Micron 2100 SSD is able to deliver 1900X faster read performance while reducing response times by 98%, configured running client standard implementations, when compared to HDDs¹.

Micron 1100 and 2100 3D NAND SSDs are now sampling with key OEMs. The 1100 SSD is expected to begin production in July with the 2100 SSD expected to follow in summer of 2016.

¹ Compared against a 2.5-inch consumer 7200 RPM HDD, tested internally, configured running client standard implementations.

Resources:

- | [Micron 3D NAND Client SSDs](http://bit.ly/25ggO0p) <http://bit.ly/25ggO0p>
- | [Micron 3D NAND Client SSDs Media Kit](http://bit.ly/1X0UnkR) <http://bit.ly/1X0UnkR>
- | [Micron 1100 Product Page](http://bit.ly/1P42Ssf) <http://bit.ly/1P42Ssf>
- | Link to Micron media kit: <https://www.micron.com/about/news-and-events>
- | Blog: www.micron.com/about/blogs
- | Twitter: [www.twitter.com/MicronStorage](https://twitter.com/MicronStorage)
- | LinkedIn: www.linkedin.com/company/micron-storage
- | YouTube™: www.youtube.com/microntechnology

Micron Technology, Inc.

Micron Technology, Inc., is a global leader in advanced semiconductor systems. Micron's broad portfolio of high-performance memory technologies—including DRAM, NAND and NOR Flash—is the basis for solid state drives, modules, multichip packages and other system solutions. Backed by more than 35 years of technology leadership, Micron's memory solutions enable the world's most innovative computing, consumer, enterprise storage, networking, mobile, embedded and automotive applications. Micron's common stock is traded on the NASDAQ under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com

PR Contact:

David Oro

Micron Technology

707-558-8585

davidoro@micron.com



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