Micron Boosts Client Computing Performance With Introduction of New NVMe SSD Portfolio

March 18, 2019 at 9:00 AM EDT

Micron® 2200 PCIe™ NVMe SSDs Leverage Internally Designed Controller to Address Growing Market Opportunity

News Highlights

- The Micron 2200 PCIe NVMe SSD portfolio allows OEMs to design sleeker, more power-efficient, and faster client PCs.
- The portfolio of SSDs is available in capacities ranging from 256GB through 1TB in an M.2 22x80mm form factor and delivers higher sequential and random PCIe read/write performance than legacy SATA drives. The Micron 2200 SSD drives incorporate advanced features such as self-governing power states, encryption technology, and dynamic write acceleration.

BOISE, Idaho, March 18, 2019 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq: MU), today announced a new solid-state drive (SSD) portfolio featuring support for the NVM Express ™ (NVMe ™) protocol, bringing increased bandwidth and reduced latency to client computing markets. The Micron® 2200 PCIe ™ NVMe SSD is a vertically integrated solution — including 3D TLC NAND, internally designed ASIC drive controller and firmware in an M.2 form factor. This solution allows Micron to address growing needs across original equipment manufacturers (OEMs) and broader client markets for NVMe storage class drives.

Users want to enhance their computing experience through improved responsiveness for instant access to files and media, higher capacity to store rich content, longer battery life and sleek form factors in their favorite compute devices. NVMe SSDs address these needs better than rotating media technology does, while offering increased reliability and performance.

“By the end of 2020, over 65 percent of the client PC market is projected to transition to NVMe SSDs, with rapidly increasing average device capacities,” said Roger Peene, vice president of product planning and strategy for Micron’s Storage Business Unit. "The Micron 2200 PCIe NVMe SSD accelerates the adoption of SSDs by addressing the storage-intensive workloads in client computing that demand performance at compelling prices.”

The newly introduced Micron 2200 PCIe NVMe SSD with 3D TLC NAND is designed to deliver accelerated read/write performance and low latency. These capabilities provide users with a much more responsive PC for business collaboration and creativity applications.

Delivering up to 3GB/second sequential reads, 1.6GB/second sequential writes, 240,000 inputs/outputs (IOPS) random reads, and 210,000 IOPS random writes, the Micron 2200 SSD accelerates workloads such as video streaming and editing. It features dynamic write acceleration that enables burst data writes, offering the highest performance possible without decreasing user capacity.

The drive’s small size and compact M.2 form factor supports OEMs by allowing them to design sleek and lightweight client devices. The 2200 SSD delivers up to 1TB high-capacity flash storage, enabling users to store large files, images and multimedia assets. Further, its self-governing power feature improves battery life with lower power states that are up to 98 percent more power efficient than HDDs, extending device battery life and user productivity.[1] In addition, the host-controlled thermal management (HCTM) reduces the drive's operating temperature to protect other system components.

The Micron 2200 PCIe NVMe SSD portfolio meets security needs for commercial PCs through its self-encrypting drive (SED) technology. Its reliable encryption for data at rest complies with the TCG ™ Opal 2.0 standards.

The Micron 2200 PCIe NVMe portfolio of SSD drives is available now.

Resources:
Micron 2200 product page: www.micron.com/2200
Blog: https://www.micron.com/about/blog
Twitter: www.twitter.com/MicronStorage
LinkedIn: www.linkedin.com/company/micron-storage
YouTube™ www.youtube.com/microntechnology

About Micron Technology, Inc.
We are an industry leader in innovative memory and storage solutions. Through our global brands — Micron®, Crucial® and Ballistix® — our broad portfolio of high-performance memory and storage technologies, including DRAM, NAND, NOR Flash and 3D XPoint ™ memory, is transforming how the world uses information to enrich life. Backed by 40 years of technology leadership, our memory and storage solutions enable disruptive trends, including artificial intelligence, machine learning, and autonomous vehicles, in key market segments like cloud, data center, networking, mobile and automotive. Our common stock is traded on the Nasdaq under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com.

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

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