



Micron Unveils Industry's Fastest 2230 Gen4 Consumer SSD, the Crucial P310, to Accelerate Handheld Gaming, Ultrathin Laptops and Mini PCs

July 17, 2024 at 9:00 AM EDT

Offering up to 2TB of storage, the P310 2230 SSD empowers handheld gamers to expand gaming libraries while increasing performance and load speed

BOISE, Idaho, July 17, 2024 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq: MU), today announced the availability of the Crucial® P310 2230 Gen4 NVMe™ solid-state drive (SSD), which empowers enthusiasts of handheld gaming and users of mini PCs and ultrathin laptops to store more games and data-intensive content at their fingertips without sacrificing speed or performance. With read and write speeds of 7,100 and 6,000 megabytes per second (MB/s), respectively,¹ and capacities up to 2 terabytes (TB), the P310 2230 SSD packs a unique punch, offering high performance and capacity in a compact, power-efficient form factor.

"Today's contemporary games are storage- and performance-hungry, and this is especially true for handheld gamers who want to be able to quickly access all their favorite games at their fingertips," said Jonathan Weech, senior director of product marketing for Micron's Commercial Products Group. "We've built our Crucial P310 2230 Gen4 SSD to satisfy this need for speed and more capacity, providing a dynamic, power-efficient SSD that allows gamers to build their dream gaming libraries, load multiworld games faster and extend battery life for a richer gaming experience on the go."

The Crucial P310 2230 Gen4 SSD offers:

- Read speeds of 7,100 MB/s, making this SSD the fastest 2230 Gen4 consumer drive in the industry.
- Random reads up to 1 million input/output operations per second (IOPS), allowing gamers to boot up and drop into their games faster.
- Capacity options from 1TB to 2TB,² allowing handheld gamers and users of ultrathin laptops and mini PCs to store more games and content at their fingertips without having to worry about size or capacity.
- Power-efficient storage, which provides higher performance while limiting battery loss and extending device use on the go, even for the most data-intensive, graphically demanding games or creative projects.
- Backward compatibility with Gen3 devices.

The P310 2230 is architected from the ground up for power efficiency, offering drastically higher performance on similar amounts of power to other solutions. This capability is enabled by Micron's advanced 3D NAND and innovative controller technology, fine-tuned in close collaboration with Phison to deliver fast Gen4 performance close to the maximum bandwidth in a lower power footprint.

"We've worked closely with Crucial's engineers to optimize our Phison E27T 4-channel DRAM-less controller to deliver the utmost performance possible in the lowest possible power footprint," said Michael Wu, general manager and president of Phison Technology. "This close technical collaboration to perfect the Crucial P310 2230 gives handheld gaming fans an edge with near-saturation for Gen 4 bandwidth, delivering the speed and power needed to play longer and faster."

The SSD is also compatible with ultrathin laptops and mini PCs, making it ideal for users wanting to increase speed and space for data-intensive projects and creative workflows on the go.

Using the M.2 2230 form factor, the P310 Gen4 SSD offers a lightweight, compact solution that users can install into handheld gaming consoles — like the Valve Steam Deck™ and ASUS ROG Ally™ and certain laptops like the Microsoft Surface or select Dell™ models — in as little as five minutes.

The P310 2230 Gen4 SSD is currently available at [crucial.com](https://www.crucial.com) as well as through select retailers, retailers and global channel partners, and it comes with a five-year warranty.³ For more information, visit <https://www.crucial.com/ssd/p310/CT1000P310SSD2>.

The P310 2280 SSD, ideally suited for PC gaming, will be available in the fall of this year.

Follow us online!

Micron social channels:

LinkedIn: <https://www.linkedin.com/company/micron-technology>

X: <https://twitter.com/MicronTech>

Facebook: <https://www.facebook.com/MicronTechUSA/>

Crucial social channels:

Facebook: <https://www.facebook.com/crucialmemory>

Instagram: https://www.instagram.com/crucial_memory

X: <https://www.twitter.com/crucialmemory>

YouTube: <https://www.youtube.com/crucialmemory>

About Micron Technology, Inc.

We are an industry leader in innovative memory and storage solutions transforming how the world uses information to enrich life for all. With a relentless focus on our customers, technology leadership, and manufacturing and operational excellence, Micron delivers a rich portfolio of

high-performance DRAM, NAND and NOR memory and storage products through our Micron® and Crucial® brands. Every day, the innovations that our people create fuel the data economy, enabling advances in artificial intelligence (AI) and compute-intensive applications that unleash opportunities — from the data center to the intelligent edge and across the client and mobile user experience. To learn more about Micron Technology, Inc. (Nasdaq: MU), visit micron.com.

© 2024 Micron Technology, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. Micron, the Micron logo, and all other Micron trademarks are the property of Micron Technology, Inc. All other trademarks are the property of their respective owners.

¹ Typical input/output (I/O) performance numbers as measured using CrystalDiskMark® with command queue full and write cache enabled. A fresh out-of-box (FOB) state is assumed. For performance measurement purposes, the SSD may be restored to FOB state using the secure erase command. System variations will affect measured results.

² Some storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes.

³ Warranty valid for 5 years from the original date of purchase or before writing the maximum total bytes written (TBW) as published in the product datasheet and as measured in the product's SMART data, whichever comes first.

Micron Media Relations Contact Steffi Lau Micron Technology, Inc. +1 (408) 834-1618 steffilau@micron.com