



Crucial® P310 2230 PCIe® 4.0 3D NAND NVMe™ M.2 SSD

More good games

The gaming mod you need

The Crucial® P310 Gen4 NVMe™ SSD lets you store more modern games at your fingertips without sacrificing speed or performance. With read/write speeds at 7,100/6,000MB/s¹, the P310 is perfect for handheld gaming consoles, offering a unique edge for gamers looking to level up their gaming library and performance at the same time. With up to 2TB of storage, this compact storage solution can solve your gaming woes with warp speed. Experience quality storage engineered with the latest Micron® 3D NAND technology and let the P310 transform your gaming world.

Best for: Handheld gaming console and laptop storage upgrades



Sequential reads/writes
up to 7,100/6,000MB/s¹



Micron® Advanced 3D
NAND and innovative
controller technology



5^{YR}
Limited
warranty

crucial.com/P310

Experience extreme performance

Make your handheld gaming device or M.2 2230 compatible laptop's storage the GOAT with the P310 SSD. The high-speed Gen4 drive features read speeds up to 7,100MB/s and random reads up to 1M IOPS¹. Expand your gaming library, drop into the game faster, and boot up high-demand AAA games to find out why this storage solution is OP.

Bigger gaming libraries made EZ

To reach your peak performance, join the Crucial clan for higher performing storage that lets you focus on what you do best. Finally store and load games faster with capacities² up to 2TB and level up your library for heavy gameplay from anywhere.

Experience faster gameplay

Don't get rekt on lag times — come out on top with more fast-loading multi-world and graphically demanding games at your fingertips for the ultimate dream gaming library.

Power efficiency wherever you go

Increasing your device's storage capacity shouldn't cost you in performance, which is why the P310 Gen4 SSD prioritizes power efficiency so you can limit battery loss on the go. Satisfy your need for speed and more storage space in one dynamic SSD that can keep up with the next data-intensive project or game.

Easily install M.2 2230 compatible storage

The thin, compact design of the P310 Gen4 SSD offers a lightweight solution that you can install into certain handheld gaming consoles like the Valve Steam Deck™, MSI Claw™ and ASUS ROG Ally™ and certain laptops like the Microsoft Surface or select Dell™ models in as little as five minutes⁶.

| Crucial® P310 2230 | | | | | | | |
|-----------------------|----------------|------------------------------|-------------------------------|-------------|-----------------|----------|---|
| Capacity ² | Part Number | Sequential Read ³ | Sequential Write ³ | Random Read | Random Write | Heatsink | Box Contents |
| 1TB | CT100OP31OSSD2 | 7,100MB/s | 6,000MB/s | 1M IOPS | up to 1M IOPS | No | Crucial® Storage Executive Acronis® True Image for Crucial |
| 2TB | CT200OP31OSSD2 | 7,100MB/s | 6,000MB/s | 1.2M IOPS | up to 1.2M IOPS | No | Crucial Easy SSD Install Guide |

| Product dimensions | |
|--------------------|---------|
| Length | 1.29 in |
| Height | 0.09 in |
| Width | 0.87 in |
| Weight | 0.09 oz |

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1. Typical I/O performance numbers as measured using CrystalDiskMark® with command queue full and write cache enabled. 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 of the storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes.
3. Speed comparison is between Crucial P310 published top speeds of 7,100MB/s and published competitor NVMe Gen4 SSD speeds. Your performance may vary.
4. Micron reserves the right to transition between NAND series during future production cycles.
5. 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.
6. Consult your device's manufacturer to verify your warranty before installing an SSD.