

# CRUCIAL P3 NVMe™ SSD



## The NVMe Speed You Need

Feed your system with the Crucial P3 SSD

Basic bootup speeds won't cut it — not at work, on the go, or in the game. But the Crucial P3 SSD is anything but basic. With NVMe™ performance that's nearly 6x faster than SATA and nearly 22x faster than HDD<sup>2</sup>, the P3 leaves older storage technology in the dust. With sequential read/write speeds up to 3500/3000MB/s<sup>1</sup>, storage capacities up to 4TB<sup>3</sup>, Micron® Advanced 3D NAND, and innovative controller technology, the Crucial P3 gives you the speed you need for the price you want. Get faster bootups, downloads and file transfers, and store all your files, photos, videos, apps, and games with room to spare with the quality and dependability you expect from Crucial.



Impressive speeds  
up to 3500MB/s<sup>1</sup>



Spacious storage  
up to 4TB<sup>3</sup>



5-year limited  
warranty<sup>6</sup>

[crucial.com/p3](https://crucial.com/p3)

## Affordable performance

Upgrade your PC with the performance it needs at a price you want. The Crucial P3 NVMe™ SSD delivers load times and data transfers that are 6x faster than SATA drives and 22x faster than HDDs<sup>2</sup>.

## Generous storage

With generous capacities up to 4TB<sup>3</sup>, the Crucial P3 can hold massive amounts of files, documents, photos, videos, games, and apps, with room to spare.

## High-quality innovation

Crucial P3 NVMe SSDs are built with high-quality Micron® Advanced 3D NAND, tested and validated to the exacting standards you've come to expect from one of the world's largest manufacturers of flash memory. Want proof? Go check out our award-winning line of SSDs.

## Optimized security

SSD management software for performance optimization and firmware updates give the Crucial P3 everything you need for security and peace of mind.

## One of the Largest Memory and Storage Manufacturers Worldwide

Micron® has been producing some of the world's most advanced memory and storage technologies for more than 40 years. All Crucial® products are developed by Micron's world-class engineering team to ensure best-in-class quality and reliability.

### Reliability (MTTF)

1.5 million hours

### Endurance - Total Bytes Written (TBW)

500GB SSD = 110TB (TBW)

1TB SSD = 220TB (TBW)

2TB SSD = 440TB (TBW)

4TB SSD = 800TB (TBW)

### Data Transfer Software

Acronis® True Image™ for Crucial® cloning software

### Operating Temperature

0 °C to 70 °C

### Compliance

UKCA, CE, FCC, VCCI, KC,

RCM, ICES, Morocco, BSMI, Ukraine, UL, TUV, China RoHS, WEEE, Halogen Free

### Advanced Features

- Dynamic write acceleration
- Redundant array of independent NAND (RAIN)
- Multistep data integrity algorithm
- Adaptive thermal protection
- Integrated power loss immunity

- Active garbage collection
- TRIM support
- Self-monitoring and reporting technology (SMART)
- Error correction code (ECC)
- Device sleep support
- Launching with Micron 176-layer NAND5

### Warranty

5-year limited warranty<sup>6</sup>

### Installation

For easy-to-follow instructions and our step-by-step guide, visit [crucial.com/ssd-install](https://crucial.com/ssd-install)

### Support

For more resources and warranty information, visit [crucial.com/support](https://crucial.com/support)

## Crucial® P3 NVMe SSD

Capacity <sup>3</sup>	Part Number	Sequential Read <sup>1</sup>	Sequential Write <sup>1</sup>	Box Contents
500GB	CT500P3SSD8	3500MB/s	1900MB/s	Crucial® Storage Executive Acronis® True Image for Crucial Crucial Easy SSD Install Guide
1TB	CT1000P3SSD8		3000MB/s	
2TB	CT2000P3SSD8			
4TB	CT4000P3SSD8			

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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. SSD speed comparison between published Crucial P3 NVMe SSD read/write speeds of 3500/3000MB/s and published Crucial MX500 SATA SSD read/write speeds of 560/510MB/s; SSD vs. HDD speed comparisons between published Crucial P3 NVMe SSD read/write speeds of 3500/3000MB/s and top preset consumer hard disk drive read/write speeds of 7200RPM (~156MB/s).
3. Some of the storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes. Not all capacities available at initial launch.
4. The Crucial P3 speeds of up to 3500/3000MB/s are 1.3x and 1.6x faster (respectively) than Crucial P2 speeds of up to 2400/1900MB/s.
5. Micron reserves the right to transition between NAND series during future production cycles.
6. 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.
7. OEM warranty statements are only applicable to customers in the U.S. Some manufacturers have reserved the right to void warranties, based on their discretion.