

# CRUCIAL P3 PLUS SSD



## Fast. Affordable. Reliable.

### Fuel your system with Gen4 performance

Valuable Gen4 performance is here. Introducing the Crucial® P3 Plus Gen4 NVMe™ SSD, delivering impressive speed with sequential reads/writes up to 5000/4200MB/s<sup>1</sup>. Including dynamic write acceleration and adaptive thermal protection to keep your data safe while enhancing system reliability, the P3 Plus is the NVMe storage solution professionals, creatives, gamers, and other high-performance users need. Engineered by Micron® with the latest Gen4 NVMe™ 3D NAND technology, the Crucial P3 Plus comes in generous capacities<sup>2</sup> and offers flexible backward compatibility for most Gen3 systems.



Impressive speeds  
up to 5000MB/s<sup>1</sup>



Spacious storage  
up to 4TB<sup>2</sup>



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

## Powerful Performance

Upgrade your PC with the fast Gen4 performance it needs at a price you want. The Crucial P3 Plus NVMe SSD delivers load times and data transfers that are 8.9x faster than SATA<sup>6</sup> and 43% faster than the fastest Gen3 SSDs<sup>3</sup>.

## Spacious Storage

With generous space of up to 4TB<sup>2</sup>, the Crucial P3 Plus offers powerful Gen4 storage for loads of apps, programs, files, docs, photos, videos, and games — with room to spare.

## Trusted Technology

Crucial P3 Plus Gen4 NVMe SSDs are built with high-quality Micron<sup>®</sup> Advanced 3D NAND and 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.

## Solid Security

Gen4 technology, SSD management software for performance optimization, and firmware updates give the Crucial P3 Plus Gen4 NVMe SSD everything you need for security and peace of mind.

## One of the Largest Memory and Storage Manufacturers Worldwide

Micron<sup>®</sup> has been producing some of the world's most advanced memory and storage technologies for more than 40 years. All Crucial<sup>®</sup> 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<sup>®</sup> True Image™ for Crucial<sup>®</sup> 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 NAND<sup>4</sup>

### Warranty

Limited 5-year warranty<sup>5</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<sup>®</sup> P3 Plus SSD

Capacity <sup>2</sup>	Part Number	Sequential Read <sup>1</sup>	Sequential Write <sup>1</sup>	Box Contents
500GB	CT500P3PSSD8	4700MB/s	1900MB/s	Crucial <sup>®</sup> Storage Executive Acronis <sup>®</sup> True Image for Crucial Crucial Easy SSD Install Guide
1TB	CT1000P3PSSD8	5000MB/s	3600MB/s	
2TB	CT2000P3PSSD8	5000MB/s	4200MB/s	
4TB	CT4000P3PSSD8	4800MB/s	4100MB/s	

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1. Typical I/O performance numbers as measured using CrystalDiskMark<sup>®</sup> 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 are between Crucial P3 Plus published top speeds of 5000MB/s and the fastest published Gen3 speeds for NVMe SSDs, at 3500MB/s.
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. SSD speed comparison between Crucial P3 Plus NVMe SSD read speeds up to 5000MB/s and Crucial MX500 SATA SSD read speeds of 560MB/s.
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.
8. Based on published PCIe Gen4 sequential read speeds of 4700MB/s compared to published PCIe Gen3 sequential read speeds of 3200MB/s. PCIe 3.0 throughput is 1GB per second per lane, yielding up to 32GB/s of overall bandwidth. PCIe 4.0 is double that, yielding up to 64GB/s of overall bandwidth.
9. SSD speed comparison between Crucial P5 Plus NVMe SSD read/write speeds of 6600/5000MB/s and Crucial MX500 SATA SSD read/write speeds of 560/510MB/s.