

# CRUCIAL P2 SSD



## Boost your computer's potential.

Fast, affordable, reliable.

All the speed you need at a price that won't break the bank.

Whether you're at work, in the game, or on the go, ordinary bootup speeds can frustrate your best laid plans. Good thing the Crucial® P2 SSD really flies. With plenty of storage and performance accelerated by NVMe™ technology, the P2 has the speed and dependability you need to explore your computer's potential.



Impressive speeds up  
to 2400MB/s<sup>4</sup>

5

5-year limited  
warranty

## Do More. Wait Less.

Experience the NVMe™ difference. The Crucial P2 unlocks the performance of your computer, delivering shorter load times and faster data transfers<sup>1</sup>.

## Lasting Reliability

Backed by thousands of validation hours, dozens of qualification tests, a heritage of award-winning SSDs, and a 5-year limited warranty<sup>2</sup>.

## Peace of Mind

Includes SSD management software for performance optimization, data security, and firmware updates.

## One of the Largest Storage Manufacturers Worldwide

Crucial® is backed by the quality and engineering innovation you've come to expect from Micron, the producer of some of the world's most advanced memory and storage technologies for over 40 years.

### Life Expectancy (MTTF)

1.5 million hours

### Endurance

**250GB:** 150 Total Bytes Written (TBW)

**500GB:** 300 Total Bytes Written (TBW)

**1TB:** 450 Total Bytes Written (TBW)

### Data Transfer Software

Acronis® True Image™ for Crucial® cloning software

### Operating Temperature

0 °C to 70 °C

### Compliance

CE, FCC, VCCI, KC, RCM, ICES, Morocco, BSMI, Ukraine, UL, TUV, China RoHS, WEEE

### Advanced Features

- Dynamic Write Acceleration
- Redundant Array of Independent NAND (RAIN)
- Multistep Data Integrity Algorithms
- Adaptive Thermal Protection

- Integrated Power Loss Immunity
- Active Garbage Collection
- TRIM Support
- NVMe standard Self-Monitoring and Reporting Technology (SMART)
- Error Correction Code (ECC)
- NVMe Autonomous Power State Transition (APST) Support

### Warranty

5-year limited warranty or 250GB – 150TBW, 500GB – 300TBW, 1000GB – 450TBW<sup>2</sup>

### Installation

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

### Support

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

## Crucial® P2 SSD

Capacity <sup>3</sup>	Part Number	Sequential Read <sup>4</sup>	Sequential Write <sup>4</sup>	Box Contents
250GB	CT250P2SSD8	2100MB/s	1150MB/s	Crucial® Storage Executive Acronis® True Image for Crucial Crucial Easy SSD Install Guide
500GB	CT500P2SSD8	2300MB/s	940MB/s	
1TB	CT1000P2SSD8	2400MB/s	1800MB/s	

1. Speed comparison based on published specs of the Crucial P1 SSD and the Crucial MX500 SSD.

2. Warranty valid for five 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.

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. Typical I/O performance numbers as measured using CrystalDiskMark® with write cache enabled, a queue depth of 64 (QD = 8, Threads = 8). 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.