

CRUCIAL P2 SSD



The Speed of Productivity

Upgrade storage without breaking the bank

Slow bootup and load speeds directly impact workforce productivity. The Crucial P2 NVMe SSD is a fast, reliable upgrade for budget-conscious decision makers who must improve productivity by optimizing hardware rather than buying new systems. With a P2 upgrade, employees can maximize output with near instant access to data, optimized with larger capacities for even heavy file loads -- all in a drive vertically integrated with Micron quality.

Best For

Fast NVMe storage for everyday computing

Key Features

- 2TB, 1TB, 500GB, 250GB³
- Dynamic write acceleration
- Redundant array of independent NAND (RAIN)
- TRIM support
- SMART technology
- Error correction code (ECC)
- Limited 5-year warranty²

Life Expectancy (MTTF)

1.5 million hours

Endurance - Total Bytes Written (TBW)

2TB SSD = 600TB (TBW)

1TB SSD = 300TB (TBW)

500GB SSD = 150TB (TBW)

250GB SSD = 150TB (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

WarrantyLimited 5-year warranty²**Installation**For easy-to-follow instructions and our step-by-step guide, visit crucial.com/ssd-install**Support**For more resources and warranty information, visit crucial.com/support**Crucial® P2 SSD**

Capacity ³	Part Number	Sequential Read	Sequential Write	Box Contents
2TB	CT2000P2SSD8	2400MB/s	1900MB/s	Crucial® Storage Executive Acronis® True Image for Crucial Crucial Easy SSD Install Guide
1TB	CT1000P2SSD8	2400MB/s	1800MB/s	
500GB	CT500P2SSD8	2300MB/s	940MB/s	
250GB	CT250P2SSD8	2100MB/s	1150MB/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.

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.

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