

CRUCIAL P5 SSD



Powerful Speeds. State-of-the-Art Performance.

Performance is everything for creatives, designers, and engineers. The Crucial P5 delivers powerful speed and data protection for the most demanding business uses with sequential reads up to 3400MB/s. Built from sand to silicon with Micron NAND and engineered with advanced security and reliability features, the P5 is Crucial's premium SSD product.

Best For

Fast NVMe storage for data-intensive applications

Key Features

- 2TB, 1TB, 500GB, 250GB²
- Acronis True Image for Crucial cloning software
- Dynamic write acceleration
- Redundant array of independent NAND (RAIN)
- Multistep data integrity algorithm
- TRIM support
- SMART technology
- Error correction code (ECC)
- Limited 5-year warranty¹

Life Expectancy (MTTF)

2 million hours

Endurance - Total Bytes Written (TBW)**250GB:** 150TBW**500GB:** 300TBW**1TB:** 600TBW**2TB:** 1200TBW**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, Halogen Free

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

Warranty5-year limited Warranty¹**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® P5 SSD**

Capacity ²	Part Number	Sequential Read	Sequential Write	Box Contents
250GB	CT250P5SSD8	3400MB/s	1400MB/s	Crucial® Storage Executive Acronis® True Image for Crucial Crucial Easy SSD Install Guide
500GB	CT500P5SSD8	3400MB/s	3000MB/s	
1TB	CT1000P5SSD8			
2TB	CT2000P5SSD8			

1. 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.

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. Not all capacities available at initial launch.

3. Typical I/O performance numbers as measured using CrystalDiskMark® with a queue depth of 64 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.

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