CRUCIAL P5 SSD


Expand system performance with NVMe™ technology. The Crucial® P5 SSD delivers powerful speed and data protection with sequential reads up to 3400MB/s, along with exceptional Crucial support. Advanced features like Dynamic Write Acceleration, full hardware-based encryption, and Adaptive Thermal Protection provide data security and enhanced system reliability. With thousands of validation hours, dozens of qualification tests, and a 5-year limited warranty¹, the Crucial P5 SSD is backed by world-class Micron engineering and innovation.

Best For

- Desktop/Laptop Upgrades
- Home/Office Server
- Gaming Applications

Key Features

- Sequential reads and writes up to 3400/3000MB/s
- 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

¹ Some drive models may have a 3-year warranty. For details, visit Micron’s website.
**Life Expectancy (MTTF)**
2 million hours

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

**Warranty**
- 5-year limited warranty or 250GB – 150TBW,
- 500GB – 300TBW,
- 1TB – 600TBW,
- 2TB – 1200TBW 

**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