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.
Experience the NVMe™ difference. The Crucial P2 unlocks the performance of your computer, delivering shorter load times and faster data transfers¹.

Lasting Reliability
Backed by thousands of validation hours, dozens of qualification tests, a heritage of award-winning SSDs, and a 5-year limited warranty².

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 - Total Bytes Written (TBW)
2TB SSD = 400TB (TBW)
1TB SSD = 200TB (TBW)
500GB SSD = 100TB (TBW)
250GB SSD = 50TB (TBW)

Advanced Features
• Dynamic Write Acceleration
• Redundant Array of Independent NAND (RAID)
• 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

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

Data Transfer Software
Acronis® True Image™ for Crucial cloning software

Operating Temperature
0 °C to 70 °C

Crucial® P2 SSD

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Part Number</th>
<th>Sequential Read¹</th>
<th>Sequential Write¹</th>
<th>Box Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>2TB</td>
<td>CT2000P2SSD8</td>
<td>2400MB/s</td>
<td>1900MB/s</td>
<td>Crucial® Storage Executive Acronis® True Image for Crucial Crucial Easy SSD Install Guide</td>
</tr>
<tr>
<td>1TB</td>
<td>CT1000P2SSD8</td>
<td>2400MB/s</td>
<td>1800MB/s</td>
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<tr>
<td>500GB</td>
<td>CT500P2SSD8</td>
<td>2300MB/s</td>
<td>940MB/s</td>
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</tr>
<tr>
<td>250GB</td>
<td>CT250P2SSD8</td>
<td>2100MB/s</td>
<td>1150MB/s</td>
<td></td>
</tr>
</tbody>
</table>

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. 10B 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 (SD = 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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