FAST CAPACITY FOR LESS.

Whether you are trying to get in the game faster or store all your precious memories, the Crucial® P1 SSD delivers. Capacities start at 500GB and scale to 1TB. Accelerate performance with the latest NVMe™ PCIe® technology. The P1 is designed to be the only storage upgrade you need — storage, speed, and dependability. Accelerate everything.
Room to Spare
Securely load and store up to 1TB of important files on Micron® NAND in a tiny M.2 form factor.

Vital Performance
NVMe™ PCIe® technology delivers sequential read/write speeds up to 2,000/1,700 MB/s so you can hammer out your work and compete online faster than ever before.

Lasting Value
The Crucial P1 SSD is designed to be the only storage upgrade you’ll need with an affordable blend of performance and capacity.

5-year Limited Warranty
We back thousands of validation hours, dozens of qualification tests, and a heritage of award-winning SSDs with a 5-year limited warranty.
**Crucial® P1 3D NAND NVMe™ PCIe® SSD**

**Life Expectancy (MTTF)**
1.5 million hours

**Endurance**
500GB drive: 100TB Total Bytes Written (TBW), approximately 54GB per day for 5 years
1TB drive: 200TB Total Bytes Written (TBW), approximately 109GB per day for 5 years

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

**Operating Temperature**
0°C to 70°C

**Firmware**
User-upgradeable firmware

**Compliance**
FCC, UL, TUV, KCC, BSMI, VCCI, CE, WEEE, RCM, Morocco, ICES, Halogen Free, RoHS, China RoHS, NVM Express™

**Warranty**
Limited five-year warranty

**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® P1 3D NAND NVMe™ PCIe® M.2 SSD**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Part Number</th>
<th>Box Contents</th>
<th>Sequential Read MB/s</th>
<th>Sequential Write MB/s</th>
<th>4KB Random Read IOPS²</th>
<th>4KB Random Write IOPS³</th>
</tr>
</thead>
<tbody>
<tr>
<td>500GB</td>
<td>CT500P1SSD8</td>
<td>NVMe™ PCIe® M.2 SSD, Acronis® True Image™ for Crucial cloning software and installation instructions</td>
<td>1,900</td>
<td>950</td>
<td>90k</td>
<td>220k</td>
</tr>
<tr>
<td>1TB</td>
<td>CT1000P1SSD8</td>
<td>NVMe™ PCIe® M.2 SSD, Acronis® True Image™ for Crucial cloning software and installation instructions</td>
<td>2,000</td>
<td>1,700</td>
<td>170k</td>
<td>240k</td>
</tr>
</tbody>
</table>

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 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.

©2019 Micron Technology, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. Neither Crucial nor Micron Technology, Inc. is responsible for omissions or errors in typography or photography. Micron, the Micron logo, Crucial, the Crucial logo, and The memory & storage experts are trademarks or registered trademarks of Micron Technology, Inc. All other trademarks are the property of their respective owners. VERSION: 1/24/19