

Produktinformation



Information

<i>Tillverkare</i>	Micron Technology
<i>Artnr</i>	CT500MX500SSD4

Crucial MX500 - Solid state drive - encrypted - 500 GB - internal - M.2 2280 - SATA 6Gb/s - 256-bit AES - TCG Opal Encryption 2.0

Every time you turn on your computer, you're using your storage drive. It holds all your irreplaceable files and it loads and saves what your system does. Join more and more people who are keeping their family videos, travel photos, music, and important documents on an SSD, and get the near-instant performance and lasting reliability that comes with solid state storage.

Specifikation

General

Device Type	Solid state drive - internal
Capacity	500 GB
Hardware Encryption	Yes
Encryption Algorithm	256-bit AES
NAND Flash Memory Type	3D triple-level cell (TLC)
Form Factor	M.2 2280
Interface	SATA 6Gb/s
Features	TRIM support, Error Correction Code (ECC), Adaptive Thermal Protection, Microsoft eDrive compatible, Redundant Array of Independent NAND, Multistep Data Integrity Algorithm, Active Garbage Collection, dynamic write acceleration, upgradable firmware, 3D NAND Technology, Device Sleep support, power loss data protection, S.M.A.R.T.
Width	22 mm
Depth	80 mm

Performance

SSD Endurance	180 TB
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	560 MBps (read) / 510 MBps (write)

4KB Random Read 95000 IOPS

4KB Random Write 90000 IOPS

Reliability

MTBF 1,800,000 hours

Expansion & Connectivity

Interfaces 1 x SATA 6 Gb/s - M.2 Card

Compatible Bay M.2 2280

Software & System Requirements

Software Included Acronis True Image

Miscellaneous

Compliant Standards UL, TUV, VCCI, C-Tick, BSMI, RRL, IC, FCC, RoHS, KCC, WEEE, halogen-free, China RoHS, SATA-IO, IEEE 1667, Morocco

Manufacturer Warranty

Service & Support Limited warranty - 5 years

Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 70 °C