

Produktinformation



Information

<i>Tillverkare</i>	Micron Technology
<i>Artnr</i>	CT1000MX500SSD1

Crucial MX500 - Solid state drive - encrypted - 1 TB - internal - 2.5" - 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	1 TB
Hardware Encryption	Yes
Encryption Algorithm	256-bit AES
Form Factor	2.5"
Interface	SATA 6Gb/s
Features	TRIM support, Error Correction Code (ECC), Adaptive Thermal Protection, Multistep Data Integrity Algorithm, Active Garbage Collection, dynamic write acceleration, 3D NAND Technology, Device Sleep support, S.M.A.R.T.
Height	7 mm

Performance

SSD Endurance	360 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 - 7 pin Serial ATA

Compatible Bay 2.5"

Software & System Requirements

Software Included Acronis True Image

Miscellaneous

Included Accessories 2.5mm mounting spacer

Compliant Standards UL, TUV, VCCI, C-Tick, BSMI, FCC, RoHS, KCC, WEEE, China RoHS, SATA-IO

Manufacturer Warranty

Service & Support Limited warranty - 5 years

Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 70 °C