

Produktinformation



Information

<i>Tillverkare</i>	Micron Technology
<i>Artnr</i>	CT500MX500SSD1

Crucial MX500 - Solid state drive - encrypted - 500 GB - 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	500 GB
Hardware Encryption	Yes
Encryption Algorithm	256-bit AES
NAND Flash Memory Type	3D triple-level cell (TLC)
Form Factor	2.5"
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.
Height	7 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 - 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, 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