

Crucial MX500 - SSD - 250 GB - SATA 6Gb/s



In Stock(469)

SKU	CT250MX500SSD1
Product Description:	Crucial MX500 - SSD - 250 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	250 GB
Hardware Encryption:	Yes
Encryption Algorithm:	256-bit AES
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	2.5"



General

Device Type: Solid state drive - internal

Capacity: 250 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

Environmental Parameters

Min Operating Temperature: 0 °C

Max Operating Temperature: 70 °C

Manufacturer Warranty

Service & Support: Limited warranty - 5 years

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

Software & System Requirements

Software Included: Acronis True Image

Expansion & Connectivity

Interfaces: 1 x SATA 6 Gb/s - 7 pin Serial ATA

Compatible Bay: 2.5"

Reliability

MTBF: 1,800,000 hours

Performance

SSD Endurance: 100 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

