CRUCIAL MX500
SATA SSD

Performance. Price.

MX500 — A solid combination.

Sluggish systems don't need replacing, they need upgrading. Improve system performance and increase workforce productivity by upgrading to the Crucial® MX500 SATA SSD. With an MX500 upgrade, systems start up in seconds, and up to 4TB of storage provides ample room for even heavy file loads. The MX500 is built with Micron® quality, speed, and security that's all backed by helpful service and support.

Best For

SATA storage for everyday computing

Key Features

- 4TB, 2TB, 1TB, 500GB, 250GB[1]
- Dynamic write acceleration
- Redundant array of independent NAND (RAIN)
- Multistep data integrity algorithm
- TRIM support
- SMART technology
- Error correction code (ECC)
- Limited 5-year warranty[2]

Life Expectancy (MTTF)
1.8 million hours

Endurance - Total Bytes Written (TBW)
250GB drive: 100TB, equal to 54GB per day for 5 years

500GB drive: 180TB, equal to 98GB per day for 5 years

1TB drive: 360TB, equal to 197GB per day for 5 years

2TB drive: 700TB, equal to 383GB per day for 5 years

4TB drive: 1000TB, equal to 547GB per day for 5 years

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

Operating Temperature
0 °C to 70 °C

Compliance
CE, FCC, BSMI, C-Tick, VCCI, KCC RRL, RoHS, China RoHS, WEEE, TUV, UL, IC, Morocco, SATA-IO

Advanced Features
- Dynamic write acceleration

- Redundant array of independent NAND (RAIN)

- Multistep data

- Integrity algorithm

- Adaptive thermal protection

- Integrated power loss immunity

- Active garbage collection

- TRIM support

- Self-monitoring and reporting technology (SMART)

- Error correction code (ECC)

- Device sleep support

Warranty[2]
5-year limited 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® MX500 SSD			
Capacity[1]	Part Number	Box Contents	Sequential Read
4TB	CT4000MX500SSD1	2.5-inch 7mm SSD SATA 6Gb/s, 7mm to 9.5mm spacer, Acronis® True Image™ for Crucial cloning software and installation instructions	560MB/s
2TB	CT2000MX500SSD1		
1TB	CT1000MX500SSD1		
500GB	CT500MX500SSD1		
250GB	CT250MX500SSD1		

Micron®