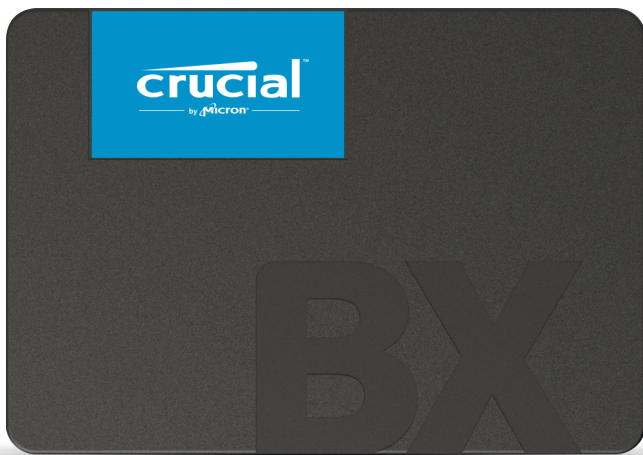


# CRUCIAL BX500

## SATA SSD



## Essential performance for your workforce.

Get all the speed of a new computer  
without the price.

Replacing sluggish systems for an entire workforce is expensive. For a fraction of the cost, a Crucial® BX500 SSD upgrade can accelerate business and maximize workforce productivity. Replacing hard disk drives with flash-based storage improves performance and lowers total cost of ownership. The Crucial® BX500 SSD is built with Micron quality, speed, and security that's all backed by helpful service and support.

### Best For

SATA storage for value-minded buyers

### Key Features

- 2TB, 1TB, 500GB, 480GB, 240GB<sup>1</sup>
- Acronis® True Image™ for Crucial® cloning software
- Multistep data integrity algorithm
- Thermal monitoring
- SLC write acceleration
- TRIM support
- SMART technology
- Error correction code (ECC)
- Limited 3-year warranty<sup>3</sup>

**Life Expectancy (MTTF)**

1.5 million hours

**Endurance - Total****Bytes Written (TBW)<sup>3</sup>****2000GB drive:** 720TB, equal to 390GB per day for 5 years**1000GB drive:** 360TB, equal to 195GB per day for 5 years**500GB drive:** 120TB, equal to 65GB per day for 5 years**480GB drive:** 120TB, equal to 65GB per day for 5 years**240GB drive:** 80TB, equal to 43GB per day for 5 years**Data Transfer Software**

Acronis® True Image™ for Crucial® cloning software

**Operating Temperature**

0 °C to 70 °C

**Compliance**

FCC, UL, TUV, KCC, BSMI, VCCI, CE, WEEE, ROHS, EPEAT, Halogen free, SATA-I/O, ICES

**Advanced Features**

- Multistep data integrity algorithm
- Thermal monitoring
- SLC write acceleration
- Active garbage collection
- TRIM support
- Self-monitoring and reporting technology (SMART)
- Error correction code (ECC)

**Warranty**3-year limited warranty<sup>3</sup>**Installation**For easy-to-follow instructions and our step-by-step guide, visit [crucial.com/ssd-install](http://crucial.com/ssd-install)**Support**For more resources and warranty information, visit [crucial.com/support](http://crucial.com/support)**Crucial® BX500 SSD**

Capacity <sup>1</sup>	Part Number	Sequential Read <sup>2</sup>	Box Contents
2TB	CT2000BX500SSD1	540MB/s	2.5-inch 7mm SSD SATA 6Gb/s, Acronis® True Image™ for Crucial® cloning software and installation instructions
1TB	CT1000BX500SSD1		
500GB	CT500BX500SSD1	550MB/s	
480GB	CT480BX500SSD1	540MB/s	
240GB	CT240BX500SSD1		

1. Some of the storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes. Not all capacities available at initial launch.

2. Typical I/O performance numbers as measured using CrystalDiskMark® with a queue depth of 32 and write cache enabled. Fresh out-of-box (FOB) state is assumed. For performance measurement purposes, the SSD may be restored to FOB state using the secure erase command. System variations will affect measured results.

3. Warranty valid for three years from the original date of purchase or before writing the maximum total bytes written (TBW) as published in the product datasheet and as measured in the product's SMART data, whichever comes first.