CRUCIAL BX500 SSD

Storage you trust at a price you'll love.

Boost your computer's performance with SSD speed.

Ever wonder why your phone responds faster than your computer? It's because your phone runs on flash memory. Add flash to your laptop or desktop computer with the Crucial® BX500 SSD, the easiest way to get all the speed of a new computer without the price.

Improve performance

Tools for easy installation

3 YEAR

3-year limited warranty[1]

crucial.com/BX500

Improve Performance

Boot up faster. Load files quicker. Improve overall system responsiveness for all your computing needs.

Tools for Easy Installation

Our simple instructions, cloning software, and how-to videos make installation straightforward. Millions of people have upgraded with a Crucial SSD.

Customer Help and Support

If you have questions, we have answers. Access support from our website in the form of order status updates, FAQs, how-to guides, videos, and much more, or reach out to our friendly customer service agents via live chat or phone.

3-year Limited Warranty[1]

Our heritage of award-winning SSDs are backed by thousands of validation hours, dozens of qualification tests, and a 3-year limited warranty.

Micron® Quality — A Higher Level of Reliability

As a brand of Micron, one of the largest flash storage manufacturers in the world, Crucial products are backed by the same expert quality and engineering innovation that has produced some of the world's most advanced memory and storage technologies for 40 years.

Life Expectancy (MTTF)
1.5 million hours

Endurance[1]
2000GB drive: 720TB total bytes written (TBW), equal to 390GB per day for 5 years

1000GB drive: 360TB total bytes written (TBW), equal to 195GB per day for 5 years

480GB drive: 120TB total bytes written (TBW), equal to 65GB per day for 5 years

240GB drive: 80TB total bytes written (TBW), 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

Firmware
User-upgradeable firmware

Compliance
FCC, UL, TUV, KCC, BSMI, VCCI, CE, WEEE, ROHS, EPEAT, Halogen free, SATA-IO, 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
Limited three-year 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® BX500 SATA 6Gb/s 2.5-inch SSD				
Capacity[2]	Part Number	Sequential Read[3]	Sequential Write[3]	Box Contents
2TB	CT2000BX500SSD1	540MB/s	500MB/s	2.5-inch 7-mm SSD SATA 6Gb/s, Acronis® True Image™ for Crucial® cloning software and installation instructions
1TB	CT1000BX500SSD1			
480GB	CT480BX500SSD1			
240GB	CT240BX500SSD1			

1. Warranty valid for three years from the original date of purchase or before writing the maximum total bytes written (TBW) as published on our website and as measured in the product's SMART data, whichever comes first.
2. 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.
3. 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.