# BX500

2.5-INCH SOLID STATE DRIVE

ESSENTIAL PERFORMANCE.

The easiest way to get all the speed of a new computer without the price.

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. Accelerate everything.
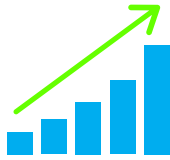
Improve Performance

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.

Award-Winning Support

Our expert support team has your questions covered. Reach out via phone, chat, email, or our community forum.

3-year Limited Warranty[1]

We back thousands of validation hours, dozens of qualification tests, and a heritage of award-winning SSDs with a 3-year limited warranty.

LIMITED THREE YEAR WARRANTY

Micron® quality—a higher level of reliability

With thousands of hours of Micron pre-release validation, dozens of SSD qualification tests, and a heritage of award-winning SSDs, the Crucial BX500 has been thoroughly tried, tested, and proven.

6,500+
ON-STAFF ENGINEERS

1K+ HOURS
OF VALIDATION

200+
AWARDS

Crucial® BX500 SATA 6Gb/s 2.5-inch SSD

Life Expectancy (MTTF)
1.5 million hours

Endurance
120GB drive: 40TB Total Bytes Written (TBW), equal to 21GB per day for 5 years

240GB drive: 80TB Total Bytes Written (TBW), equal to43GB per day for 5 years

480GB drive: 120TB Total Bytes Written (TBW), equal to 65GB 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, WEE, 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 2.5-inch Solid State Drive				
Capacity[2]	Part Number	Box Contents	Sequential Read MB/s[3]	Sequential Write MB/s[4]
120GB	CT120BX500SSD1	2.5-inch 7mm SSD SATA 6Gb/s, Acronis® True Image™ for Crucial cloning software and installation instructions	540	500
240GB	CT240BX500SSD1	2.5-inch 7mm SSD SATA 6Gb/s, Acronis® True Image™ for Crucial cloning software and installation instructions	540	500
480GB	CT480BX500SSD1	2.5-inch 7mm SSD SATA 6Gb/s, Acronis® True Image™ for Crucial cloning software and installation instructions	540	500