



## PRODUCT HIGHLIGHTS

- Sequential reads/writes up to 540 / 490 MB/s on all file types
- Random reads/writes up to 66k / 78k IOPS on all file types
- More than 13x faster than a typical hard drive<sup>1</sup>
- More than 40x more energy efficient than a typical hard drive<sup>2</sup>
- More durable than a hard drive – no small moving parts that are prone to failure
- Available in 2.5-inch form factor in capacities up to 960GB
- Includes an activation key for Acronis® True Image™ HD software for easy data migration
- Compatible with the free Crucial® Storage Executive tool for easy drive monitoring and maintenance
- 3 year limited warranty

## Crucial® BX200 Solid State Drive

### Enjoy your computer again.

Ever start your computer, then have to find something to do while it wakes up? Your computer should be ready when you are – not the other way around. Make long wait times a thing of the past by loading apps in seconds, booting up almost instantly, and accelerating nearly everything on your computer. Get more done and have more fun with the Crucial® BX200 SSD.



#### More than 13x faster than a typical hard drive<sup>1</sup>

Accessing your data on the Crucial BX200 is like flipping a light switch – it's almost instant. The Crucial BX200 delivers true 540 MB/s sequential reads on both compressible and incompressible data, which allows you to access files and apps almost as soon as you click on them. Stop pulling your hair out waiting for your computer to catch up to you. Life moves fast – your computer should too.



#### More than 40x more energy efficient than a typical hard drive<sup>2</sup>

Since SSDs access data on cutting-edge flash memory chips rather than on outdated spinning platters, they consume significantly less power than hard drives. Enjoy the ability to do more with longer battery life and experience a cooler, quieter system. Increase your laptop's portability, worry less about finding an outlet, and boost your productivity.



#### More durable than a typical hard drive

Since SSDs don't use moving parts that wear out over time, your photos, music, videos, and everything on the drive is less susceptible to a crash. Dropping a laptop with a hard drive may damage the small mechanical parts it uses to read and write data, and could cause the hard drive to fail. SSDs can sustain more physical trauma since they don't rely on these mechanical parts.



#### Better value than a typical SSD

The Crucial BX200 leverages proven flash memory technology that's been thoroughly vetted and engineered to extensive Micron quality standards. Upgrading to an SSD is one of the best ways to improve your system's performance, and now the price per gigabyte makes it a great time to ditch your hard drive. Start getting more out of your storage.

## Micron® quality—a higher level of reliability.



As a brand of Micron, one of the largest flash storage manufacturers in the world, the Crucial BX200 is backed by the same quality and innovation that has produced some of the world's most advanced memory and storage technologies. With over a thousand hours of prerelease validation testing and hundreds of SSD qualification tests, the Crucial BX200 has been thoroughly tried, tested, and proven. You'll notice the difference.

# Crucial® BX200 2.5-inch Solid State Drive

## Life Expectancy (MTTF)

1.5 million hours

## Endurance

72TB total bytes written (TBW), equal to 40GB per day for 5 years

## Warranty

Limited three-year warranty

## Operating Temperature

0°C to 70°C

## Firmware

User-upgradeable firmware

## Support

For installation and warranty information, visit [crucial.com/support](http://crucial.com/support)

## Advanced Features

- Multistep Data Integrity Algorithm
- Thermal Monitoring
- SLC Write Acceleration
- Data Path Protection
- Active Garbage Collection
- TRIM Support
- Self-Monitoring and Reporting Technology (SMART)
- Error Correction Code (ECC)
- Device Sleep extreme low power mode (DEVSLP)

## Data Transfer Software

Includes activation key for Acronis® True Image™ HD software for easy data migration

## Compliance

CE, FCC, BSMI, C-Tick, VCCI, Kcc, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO

CAPACITY	PART NUMBER	BOX CONTENTS	SEQUENTIAL READ MB/s <sup>3</sup>	SEQUENTIAL WRITE MB/s <sup>3</sup>	RANDOM READ IOPS <sup>3</sup>	RANDOM WRITE IOPS <sup>3</sup>
240GB	CT240BX200SSD1	Crucial® BX200 2.5-inch 7mm SSD, 7mm to 9.5mm spacer, Data migration software key	540	490	66k	78k
480GB	CT480BX200SSD1	Crucial® BX200 2.5-inch 7mm SSD, 7mm to 9.5mm spacer, Data migration software key	540	490	66k	78k
960GB	CT960BX200SSD1	Crucial® BX200 2.5-inch 7mm SSD, 7mm to 9.5mm spacer, Data migration software key	540	490	66k	78k

1. Performance level based on comparative benchmark scores of the Crucial BX200 SSD and the Western Digital® Caviar Blue™ WD10EZEX internal hard drive. Actual performance level may vary based on benchmark used and individual system configuration. Test setup: 256GB Crucial m4 SSD as the primary storage drive, paired with a 960GB Crucial BX200 SSD and a 1TB Western Digital Caviar Blue internal hard drive as secondary drives (each secondary drive tested separately). All tests conducted on an Asus®

Maximus VII Gene motherboard, Intel® i7-4790K 4.0GHz processor, SAPPHIRE Radeon HD 3870 video card, BIOS Rev. 2801, and Windows® 7 Pro 64-bit operating system using PCMark Vantage HDD test suite. Benchmark testing conducted September 2015.

2. Active average power use comparison based on published specs of the 960GB Crucial BX200 SSD and the 1TB Western Digital Caviar Blue internal hard drive.

3. Typical I/O performance numbers as measured using IOMeter® 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.