



The memory & storage experts™

CRUCIAL® BX300 SOLID STATE DRIVE



YOU DON'T NEED A NEW COMPUTER – JUST THE CRUCIAL® BX300 SSD

Ever wonder why your phone works as soon as you push a button, yet your computer takes forever? The reason is simple: Your phone runs on flash memory technology, while your computer runs on an outdated hard drive. It's possible – in fact, it's easy – to get the same near-instant speed you expect from your phone out of your computer. Upgrading to the Crucial® BX300 SSD is perhaps the easiest way to get all the speed of a new computer without the price. When we say it's easy, here's what we mean.



300% faster than
a typical hard drive¹



45x more energy efficient than
a typical hard drive²



Easy installation



Capacities up to 480GB

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Easy speed

Fix your slow computer and feel good about using it again! Load apps and save files immediately with the Crucial BX300, which accesses data over **300% faster** than a hard drive.¹ That's how you get the immediate responsiveness you expect. Changing your storage drive is the proven way to speed up startup times – making your computer start almost as soon as you press the power button and improving almost every aspect of computer performance.



Easy efficiency

Run your computer cooler, quieter, and faster with **45x the energy efficiency** of a typical hard drive – and extend your laptop's battery life.² Reducing system temperatures also helps lengthen the life of your computer and the components within it, which is an inherent advantage of SSD technology. Since SSDs don't use small mechanical parts that are prone to failure like you'll find in hard drives, they're an easy way to improve the health and efficiency of your computer.



Easy installation

Opening your computer and updating your storage drive can seem complicated and intimidating if you've never done it before, but our straightforward, easy-to-follow instructions and videos make it so *anyone* can install an SSD! Millions of people worldwide have chosen a Crucial SSD – it really is easy.



Easy decision: Replace your hard drive with the Crucial BX300 SSD

Booting up, loading things, and transferring and saving files aren't complicated actions, but a slow and outdated hard drive makes them take forever. SSDs use new flash storage technology to make your computer work almost instantly. You don't need a new computer – just the Crucial BX300 SSD.



Micron® quality – a higher level of reliability.

As a brand of Micron, one of the largest flash storage manufacturers in the world, the Crucial BX300 is backed by the same quality and innovation that has produced some of the world's most advanced memory and storage technologies. Protect your photos, videos, and irreplaceable files from catastrophic hard drive crashes by storing them on inherently more durable Micron® 3D MLC NAND. With extensive prerelease validation testing and hundreds of SSD qualification tests, the Crucial BX300 has been thoroughly tried, tested, and proven. You'll notice the difference.



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Life Expectancy (MTTF)
1.5 million hours

Endurance
120GB drive: 55TB Total Bytes Written (TBW), equal to 30GB per day for 5 years

240GB drive: 80TB Total Bytes Written (TBW), equal to 44GB per day for 5 years

480GB drive: 160TB Total Bytes Written (TBW), equal to 88GB per day for 5 years

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

Operating Temperature
0°C to 70°C

Firmware
User-upgradeable firmware

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

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)
- Device Sleep extreme low power mode (DEVSLP)

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

Capacity	Part Number	Box Contents	Sequential Read MB/s ³	Sequential Write MB/s ³	Random Read IOPS ³	Random Write IOPS ³
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120GB	CT120BX300SSD1	2.5-inch 7mm SSD SATA 6Gb/s, 7mm to 9.5mm spacer, data migration software key, installation instructions	555	510	45K	90K
240GB	CT240BX300SSD1	2.5-inch 7mm SSD SATA 6Gb/s, 7mm to 9.5mm spacer, data migration software key, installation instructions	555	510	84K	90K
480GB	CT480BX300SSD1	2.5-inch 7mm SSD SATA 6Gb/s, 7mm to 9.5mm spacer, data migration software key, installation instructions	555	510	95K	90K

1. Speed comparison based on published specs of the Crucial BX300 and the 1TB Western Digital Caviar Blue internal hard drive (WD10EZEX), which as of June 2017, is one of the industry's top-selling internal hard drives.

2. Active average power use comparison based on published specs of the 480GB Crucial BX300 SSD and the 1TB Western Digital® Caviar Blue™ WD10EZEX internal hard drive, which as of June 2017, is one of the industry's top-selling internal hard drives.

3. Based on the published specs of the 480GB model. Speeds based on internal testing. Actual performance may vary.