



PRODUCT HIGHLIGHTS:

- Delivers powerful SSD performance gains for SATA 6Gb/s systems
- Features blazing-fast speeds – up to 500MB/s sequential reads
- Treats compressed and uncompressed files the same, resulting in consistently fast speeds
- Fully utilizes Micron high-speed synchronous MLC NAND
- Built with advanced controller technology and Micron proprietary firmware
- Available in 64GB, 128GB, 256GB, and 512GB models
- Compatible with PC and Mac® systems
- Backed by a limited three-year warranty

Crucial® m4 SATA 6Gb/s 2.5-inch SSD

Award-winning quality. Award-winning performance.

The award-winning Crucial® m4 SSD delivers powerful performance gains for SATA 6Gb/s systems. Designed to empower your system, the Crucial m4 SSD offers faster application load times, faster boot times, and increased durability compared to a traditional hard drive. The results speak for themselves: blazing-fast sequential read speeds of up to 500 MB/s – for any file type.

Cutting-edge technology. Quality component testing.

Built with advanced controller technology, Micron proprietary firmware and high-speed synchronous MLC NAND, the Crucial m4 SSD is engineered to deliver consistent, blazing-fast SSD performance. From the extensive research and development that led to its ultimate design, to the hours of testing and validation spent on each NAND component, to rigorous compatibility testing in the Crucial Performance Labs to ensure component functionality, the Crucial m4 SSD is built to last.

Consistently fast speeds. No exceptions and no fine print.

There's a reason the Crucial m4 SSD has garnered numerous international awards since its launch—it does what it's supposed to do. No matter what kind of files you're working with on a Crucial SSD, you'll experience high speeds with no drop in performance.

Unlike other SSDs on the market, Crucial SSDs treat all files the same, regardless of whether they're compressed or uncompressed. This is important because the files most people use everyday – videos, mp3s, advanced graphics files and zip files - are compressed files and thus unable to be compressed any further. While many SSDs on the market achieve faster speeds by using file compression, many of the most common file types can't be compressed, resulting in SSDs that often deliver drastically slower speeds than originally advertised. With the advanced technology of a Crucial SSD, however, you'll never have this problem!

Crucial—quality you can depend on.

Crucial is a trusted name when it comes to SSDs, and that's no coincidence. As a brand of Micron, one of the world's leading manufacturers of SSDs, we work with our engineers to design, refine, and support our drives. With over 15 years of experience in the memory industry, NAND component testing, and the ongoing development of advanced technology, we continue to innovate without sacrificing what has made us great: high-quality upgrades and outstanding customer service.

Crucial SSDs. Performance you can trust.



Crucial® m4 SATA 6Gb/s 2.5-inch (7mm & 9.5mm) SSD

Capacity ¹ (Unformatted)	64GB	128GB	256GB	512GB
Interface	SATA 6Gb/s (SATA 3Gb/s compatible)	SATA 6Gb/s (SATA 3Gb/s compatible)	SATA 6Gb/s (SATA 3Gb/s compatible)	SATA 6Gb/s (SATA 3Gb/s compatible)
Sustained Sequential Read ² up to (128k transfer)	500MB/s	500MB/s	500MB/s	500MB/s
Sustained Sequential Write ² up to (128k transfer)	95MB/s	175MB/s	260MB/s	260MB/s
Random Read up to ³ (4k transfer)	45,000 IOPS	45,000 IOPS	45,000 IOPS	45,000 IOPS
Random Write up to ³ (4k transfer)	20,000 IOPS	35,000 IOPS	50,000 IOPS	50,000 IOPS
Form Factor	2.5-inch 7mm 2.5-inch 9.5mm	2.5-inch 7mm 2.5-inch 9.5mm	2.5-inch 7mm 2.5-inch 9.5mm	2.5-inch 7mm 2.5-inch 9.5mm
NAND Flash Memory	25nm Micron NAND Flash Memory Multi-Level Cell (MLC) SSD-Quality Components			
Life Expectancy	1.2 million hours Mean Time Between Failures (MTBF)			
Warranty	Limited three year warranty			
Endurance	36TB = 20GB written per day for 5 years	72TB = 40GB written per day for 5 years	72TB = 40GB written per day for 5 years	72TB = 40GB written per day for 5 years
Operating Temperature	0°C to 70°C			
Compliance	CE, FCC, BSMI, C-Tick, VCCI, KCC, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO			
Firmware	Field Upgradeable Firmware			
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (SMART) commands			

¹ Some of the listed storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes.

² Performance measured using IOMeter* with Queue Depth 32.

³ Performance measured using IOMeter* with Queue Depth 32. Measurements are performed on 8GB of LBA range on a full SSD.

*Other names and brands may be claimed as the property of others.

Ordering information

Description	Part Number	Contains
Crucial m4 64GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT064M4SSD1	SSD Only, Packaged
Crucial m4 64GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD	CT064M4SSD2	SSD Only, Packaged
Crucial m4 64GB, SATA 6Gb/s 2.5-inch (7mm) SSD with Easy Laptop Install Kit	CT064M4SSD1CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 64GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Laptop Install Kit	CT064M4SSD2CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 64GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Desktop Install Kit	CT064M4SSD2BAA	SSD, 3.5" adapter bracket, SATA cable
Crucial m4 128GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT128M4SSD1	SSD Only, Packaged
Crucial m4 128GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD	CT128M4SSD2	SSD Only, Packaged
Crucial m4 128GB, SATA 6Gb/s 2.5-inch (7mm) SSD with Easy Laptop Install Kit	CT128M4SSD1CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 128GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Laptop Install Kit	CT128M4SSD2CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 128GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Desktop Install Kit	CT128M4SSD2BAA	SSD, 3.5" adapter bracket, SATA cable
Crucial m4 256GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT256M4SSD1	SSD Only, Packaged
Crucial m4 256GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD	CT256M4SSD2	SSD Only, Packaged
Crucial m4 256GB, SATA 6Gb/s 2.5-inch (7mm) SSD with Easy Laptop Install Kit	CT256M4SSD1CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 256GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Laptop Install Kit	CT256M4SSD2CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 256GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Desktop Install Kit	CT256M4SSD2BAA	SSD, 3.5" adapter bracket, SATA cable
Crucial m4 512GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT512M4SSD1	SSD Only, Packaged
Crucial m4 512GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD	CT512M4SSD2	SSD Only, Packaged
Crucial m4 512GB, SATA 6Gb/s 2.5-inch (7mm) SSD with Easy Laptop Install Kit	CT512M4SSD1CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 512GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Laptop Install Kit	CT512M4SSD2CCA	SSD, Data Transfer Software, USB to SATA Cable
Crucial m4 512GB, SATA 6Gb/s 2.5-inch (9.5mm) SSD with Easy Desktop Install Kit	CT512M4SSD2BAA	SSD, 3.5" adapter bracket, SATA cable