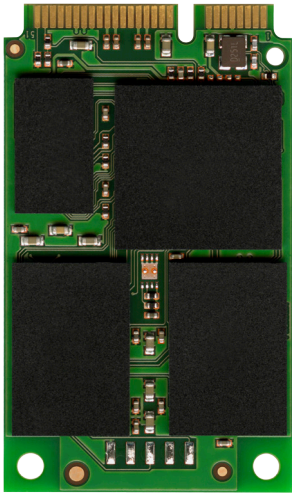


crucial®

**M4**MSATA  
SOLID STATE DRIVE



#### PRODUCT HIGHLIGHTS:

- Powerful SSD performance in a tiny mSATA form factor
- Ultrathin form factor provides lightweight mobility
- Features blazing-fast speeds – up to 500MB/s sequential reads
- Treats compressed and uncompressed files the same, resulting in consistently fast speeds
- Validated for Intel® Smart Response technology
- Available in 32GB, 64GB, 128GB, and 256GB
- Backed by a limited three-year warranty

## Crucial® m4 mSATA SSD

### Award-winning performance. Tiny form factor.

The Crucial® m4 mSATA SSD delivers all of the award-winning performance and reliability of the Crucial m4 SSD – in a drive that's an eighth of the size. Measuring in at about one-third the size of a standard business card (3cm x 5cm), the Crucial m4 mSATA is designed primarily for ultrathin laptop users who want to dramatically increase their system's performance. Featuring the same advanced controller technology, Micron custom firmware and high-speed synchronous MLC NAND that have made the Crucial m4 SSD a mainstay on the market, the Crucial m4 mSATA SSD is engineered to deliver the same blazing-fast performance as our award-winning 2.5-inch SSD – in a smaller mSATA form factor.

### Ultrathin form factor means flexibility.

Because of its tiny mSATA form factor, the Crucial m4 mSATA SSD can do things that hard drives and other SSDs often can't. With the Crucial m4 mSATA SSD, save valuable system space by mounting it directly to the mSATA socket on your motherboard – and free up a hard drive bay in the process. Or just keep your existing hard drive and use the Crucial m4 mSATA SSD as a cache to accelerate the system's performance. Validated for Intel® Smart Response Technology and NVELO Dataplex™ caching software, it's designed to work as a cache or as a standalone SSD for ultrathin laptops. No matter how you use the Crucial m4 mSATA SSD, experience high-performance storage in a tiny, low-power package.

### Consistently fast speeds. No exceptions and no fine print.

There's a reason that Crucial SSDs have garnered numerous international awards – they do what they're 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, our advertised speeds are tied to real world use.

### 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, our engineers work tirelessly to design, refine, and support a powerful line of SSDs—all the way down to the NAND components. With over 15 years of experience in the memory industry, rigorous quality control testing, and the ongoing development of advanced technology, we continue to innovate without sacrificing what has made us great: high-quality products backed by outstanding customer service.

**Crucial SSDs. Performance you can trust.**



# Crucial® m4 mSATA SSD

Capacity <sup>1</sup> (Unformatted)	32GB	64GB	128GB	256GB
Interface	SATA 6Gb/s (SATA III)	SATA 6Gb/s (SATA III)	SATA 6Gb/s (SATA III)	SATA 6Gb/s (SATA III)
Sustained Sequential Read <sup>2</sup> up to (128k transfer)	440MB/s	500MB/s	500MB/s	500MB/s
Sustained Sequential Write <sup>2</sup> up to (128k transfer)	50MB/s	95MB/s	175MB/s	260MB/s
Random Read up to <sup>3</sup> (4k transfer)	45,000 IOPS	45,000 IOPS	45,000 IOPS	45,000 IOPS
Random Write up to <sup>3</sup> (4k transfer)	15,000 IOPS	20,000 IOPS	35,000 IOPS	50,000 IOPS
Form Factor	mSATA	mSATA	mSATA	mSATA
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	36TB = 20GB 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			

<sup>1</sup> 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.

<sup>2</sup> Performance measured using IOMeter\* with Queue Depth 32.

<sup>3</sup> 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 mSATA 32GB, SATA 6Gb/s SSD	CT032M4SSD3	SSD Only, Packaged
Crucial m4 mSATA 64GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT064M4SSD3	SSD Only, Packaged
Crucial m4 mSATA 128GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT128M4SSD3	SSD Only, Packaged
Crucial m4 mSATA 256GB, SATA 6Gb/s 2.5-inch (7mm) SSD	CT256M4SSD3	SSD Only, Packaged