

Crucial® MX200 2.5-inch Internal Solid State Drive

Part Number	CT250MX200SSD1	CT500MX200SSD1	CT1000MX200SSD1
UPC	649528770912	649528770929	649528770936
JAN CODE	4540395601476	4540395601483	4540395601490
Product Title Short	Crucial® MX200 250GB 2.5" SSD	Crucial® MX200 500GB 2.5" SSD	Crucial® MX200 1TB 2.5" SSD
Product Title Long	Crucial® MX200 250GB SATA 2.5" 7mm (with 9.5mm adapter) Internal Solid State Drive	Crucial® MX200 500GB SATA 2.5" 7mm (with 9.5mm adapter) Internal Solid State Drive	Crucial® MX200 1TB SATA 2.5" 7mm (with 9.5mm adapter) Internal Solid State Drive
Capacity ¹	250GB	500GB	1TB
Sequential Read	555 MB/s	555 MB/s	555 MB/s
Sequential Write	500 MB/s	500 MB/s	500 MB/s
4KB Random Read ²	100,000 IOPS	100,000 IOPS	100,000 IOPS
4KB Random Write ²	87,000 IOPS	87,000 IOPS	87,000 IOPS
Type	2.5-inch		
Height	7mm (with 9.5mm adapter)		
Memory Type	Micron® 16nm MLC NAND		
Controller	Marvell® 88SS9189 with Micron® Custom Firmware		
Interface	SATA 6Gbps (SATA III)		
MTTF	1.5 million hours		
Endurance	Total Bytes Written (TBW): 250GB – 80 TBW, 500GB – 160 TBW, 1TB – 320 TBW		
Operating Temperature	0°C to 70°C		
Hardware Encryption	AES-256 encryption engine, TCG Opal 2.0 compliant, IEEE-1667 complaint, Microsoft® eDrive® compatible		
Advanced Features	Dynamic Write Acceleration, Redundant Array of Independent NAND, Multistep Data Integrity Algorithm, Adaptive Thermal Protection, Power Loss Protection, Data Path Protection, Active Garbage Collection, TRIM Support, Self-Monitoring and Reporting Technology (SMART), Error Correction Code (ECC)		
Compliance	CE, FCC, BSMI, C-Tick, VCCI, Kcc, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO		
Country of Origin	China		
Shipping Package Type	Cardboard box		
Shipping Weight	0.142kg		
Package Dimensions	130.18mm x 130.18mm x 19.05mm (W x H x D)		

Crucial® MX200 mSATA Internal Solid State Drive

Part Number	CT250MX200SSD3	CT500MX200SSD3
UPC	649528770943	649528770950
JAN CODE	4540395601506	4540395601513
Product Title Short	Crucial® MX200 250GB mSATA SSD	Crucial® MX200 500GB mSATA SSD
Product Title Long	Crucial® MX200 250GB mSATA Internal Solid State Drive	Crucial® MX200 500GB mSATA Internal Solid State Drive
Capacity ¹	250GB	500GB
Sequential Read	555 MB/s	555 MB/s
Sequential Write	500 MB/s	500 MB/s
4KB Random Read ²	100,000 IOPS	100,000 IOPS
4KB Random Write ²	87,000 IOPS	87,000 IOPS
Type	mSATA	
Height	3.75mm	
Memory Type	Micron® 16nm MLC NAND	
Controller	Marvell® 88SS9189 with Micron® Custom Firmware	
Interface	SATA 6Gbps (SATA III)	
MTTF	1.5 million hours	
Endurance	Total Bytes Written (TBW): 250GB – 80 TBW, 500GB – 160 TBW	
Operating Temperature	0°C to 70°C	
Hardware Encryption	AES-256 encryption engine, TCG Opal 2.0 compliant, IEEE-1667 complaint, Microsoft® eDrive® compatible	
Advanced Features	Dynamic Write Acceleration, Redundant Array of Independent NAND, Multistep Data Integrity Algorithm, Adaptive Thermal Protection, Power Loss Protection, Data Path Protection, Active Garbage Collection, TRIM Support, Self-Monitoring and Reporting Technology (SMART), Error Correction Code (ECC)	
Compliance	CE, FCC, BSMI, C-Tick, VCCI, Kcc, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO	
Country of Origin	China	
Shipping Package Type	Plastic (PET) Clamshell	
Shipping Weight	0.0269kg	
Package Dimensions	29.85mm x 3.75mm x 50.80mm (W x H x L)	

Crucial® MX200 M.2 Type 2260DS Internal Solid State Drive

Part Number	CT250MX200SSD6	CT500MX200SSD6
UPC	649528770981	649528770998
JAN CODE	4540395601544	4540395601551
Product Title Short	Crucial® MX200 250GB M.2 Type 2260DS SSD	Crucial® MX200 500GB M.2 Type 2260DS SSD
Product Title Long	Crucial® MX200 250GB M.2 Type 2260DS (Double Sided) Internal Solid State Drive	Crucial® MX200 500GB M.2 Type 2260DS (Double Sided) Internal Solid State Drive
Capacity ¹	250GB	500GB
Sequential Read	555 MB/s	555 MB/s
Sequential Write	500 MB/s	500 MB/s
4KB Random Read ²	100,000 IOPS	100,000 IOPS
4KB Random Write ²	87,000 IOPS	87,000 IOPS
Type	M.2	
Height	3.58mm	
Memory Type	Micron® 16nm MLC NAND	
Controller	Marvell® 88SS9189 with Micron® Custom Firmware	
Interface	SATA 6Gbps (SATA III)	
MTTF	1.5 million hours	
Endurance	Total Bytes Written (TBW): 250GB – 80 TBW, 500GB – 160 TBW	
Operating Temperature	0°C to 70°C	
Hardware Encryption	AES-256 encryption engine, TCG Opal 2.0 compliant, IEEE-1667 complaint, Microsoft® eDrive® compatible	
Advanced Features	Dynamic Write Acceleration, Redundant Array of Independent NAND, Multistep Data Integrity Algorithm, Adaptive Thermal Protection, Power Loss Protection, Data Path Protection, Active Garbage Collection, TRIM Support, Self-Monitoring and Reporting Technology (SMART), Error Correction Code (ECC)	
Compliance	CE, FCC, BSMI, C-Tick, VCCI, Kcc, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO	
Country of Origin	China	
Shipping Package Type	Plastic (PET) Clamshell	
Shipping Weight	0.0269kg	
Package Dimensions	29.85mm x 3.75mm x 50.80mm (W x H x L)	

Crucial® MX200 M.2 Type 2280SS Internal Solid State Drive

Part Number	CT250MX200SSD4	CT500MX200SSD4
UPC	649528770967	649528770974
JAN CODE	4540395601520	4540395601537
Product Title Short	Crucial® MX200 250GB M.2 Type 2280SS SSD	Crucial® MX200 500GB M.2 Type 2280SS SSD
Product Title Long	Crucial® MX200 250GB M.2 Type 2280SS (Single Sided) Internal Solid State Drive	Crucial® MX200 500GB M.2 Type 2280SS (Single Sided) Internal Solid State Drive
Capacity¹	250GB	500GB
Sequential Read	555 MB/s	555 MB/s
Sequential Write	500 MB/s	500 MB/s
4KB Random Read²	100,000 IOPS	100,000 IOPS
4KB Random Write²	87,000 IOPS	87,000 IOPS
Type	M.2	
Height	3.58mm	
Memory Type	Micron® 16nm MLC NAND	
Controller	Marvell® 88SS9189 with Micron® Custom Firmware	
Interface	SATA 6Gbps (SATA III)	
MTTF	1.5 million hours	
Endurance	Total Bytes Written (TBW): 250GB – 80 TBW, 500GB – 160 TBW	
Operating Temperature	0°C to 70°C	
Hardware Encryption	AES-256 encryption engine, TCG Opal 2.0 compliant, IEEE-1667 complaint, Microsoft® eDrive® compatible	
Advanced Features	Dynamic Write Acceleration, Redundant Array of Independent NAND, Multistep Data Integrity Algorithm, Adaptive Thermal Protection, Power Loss Protection, Data Path Protection, Active Garbage Collection, TRIM Support, Self-Monitoring and Reporting Technology (SMART), Error Correction Code (ECC)	
Compliance	CE, FCC, BSMI, C-Tick, VCCI, Kcc, RoHS, China RoHS, WEEE, TUV, UL, SATA-IO	
Country of Origin	China	
Shipping Package Type	Plastic (PET) Clamshell	
Shipping Weight	0.0269kg	
Package Dimensions	29.85mm x 3.75mm x 50.80mm (W x H x L)	

Product Description Options

For additional content and images please contact your channel marketing or regional marketing specialist.

25 Word Description	<p>Make your computer faster and more efficient with the Crucial® MX200 SSD, which delivers the industry's best balance of performance, endurance, and efficiency.</p>
50 Word Description	<p>Make your computer faster and more efficient with the Crucial® MX200 SSD, which delivers the industry's best balance of performance, endurance, and efficiency. Leveraging leading specs on all fronts, along with new Dynamic Write Acceleration technology, the Crucial MX200 is loaded with innovative features and immediately increases your system's performance.</p>
100 Word Description	<p>More speed, capacity, and endurance. Get more out of your storage.</p> <p>Make your computer faster and more efficient with the Crucial® MX200 SSD, which delivers the industry's best balance of performance, endurance, and efficiency. Leveraging leading specs on all fronts, along with new Dynamic Write Acceleration technology, the Crucial MX200 is loaded with innovative features and immediately increases your system's performance. With sequential reads up to 555 MB/s and an endurance rating that's up to 5 times greater than a typical client SSD, the Crucial MX200 is engineered to never let up.*</p> <p>*The published endurance rating (TBW) of the 1TB Crucial MX200 SSD is 5 times greater than the average published endurance rating of three leading high-capacity mainstream client SSDs: 1TB Samsung® 840 EVO, 480GB SanDisk® Extreme Pro II, and 480GB Intel® 530 SSD.</p>
Product Highlights	<ul style="list-style-type: none"> • Sequential reads/writes up to 555 / 500 MB/s on all file types* • Random reads/writes up to 100k / 87k IOPS on all file types* • Up to 5x more endurance than a typical client SSD** • Over 2x more energy efficient than a typical hard drive*** • Dynamic Write Acceleration delivers faster saves and file transfers • Best-in-class hardware encryption keeps data safe and secure • Exclusive Data Defense guards against data corruption • Adaptive Thermal Protection allows for adaptive cooling • Power Loss Protection completes write commands even if power is lost**** • Includes Acronis® True Image™ HD software for free data transfer <p>*Based on published specs of the 500GB model **The published endurance rating (TBW) of the 1TB Crucial MX200 SSD is 5 times greater than the average published endurance rating of three leading high-capacity mainstream client SSDs (September 2014): 1TB Samsung® 840 EVO, 480GB SanDisk Extreme Pro® II, and 480GB Intel® 530 SSD. ***Hard drive active average power use comparison based on published specs of the 1TB Crucial MX200 SSD and the 1TB Western Digital® Caviar Blue™ WD10EZEX internal hard drive, which is one of today's best-selling hard drives and an accurate reflection of a common internal hard drive (as of September 2014). ****Refers to data at rest only</p>

Footnotes

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

²Typical 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.