

## Samsung 850 EVO mSATA 500 GB Serial ATA

**Brand :** Samsung

**Product code:** MZ-M5E500BW

**Product name :** 850 EVO

500GB mSATA, SATA 6Gb/s, 32 layer 3D V-NAND, 540 MB/s Read, 520 MB/s Write

Samsung 850 EVO mSATA 500 GB Serial ATA:

- Innovative 3D V-NAND Technology
- Incredible Read/Write Performance
- Enhanced Endurance and Reliability
- The Most Evolved SSD for Ultra-thin Laptops and PCs

Samsung 850 EVO. SSD capacity: 500 GB, SSD form factor: mSATA, Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
Security algorithms	256-bit AES	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	mSATA	Storage temperature (T-T)	-40 - 85 °C
SSD capacity *	500 GB	Operating relative humidity (H-H)	5 - 95%
Interface *	Serial ATA	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	540 MB/s	<b>Weight &amp; dimensions</b>	
Write speed	520 MB/s	Width	30 mm
Random read (4KB)	97000 IOPS	Depth	38.1 mm
Random write (4KB)	88000 IOPS	Height	50.8 mm
S.M.A.R.T. support	✓	Weight	9.07 g
TRIM support	✓	<b>Other features</b>	
Mean time between failures (MTBF)	1500000 h	Product colour	Green
TBW rating	150	Internal	✓
<b>Power</b>			
Operating voltage	5 V		



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