

## Samsung 840 EVO mSATA 500 GB Serial ATA

**Brand :** Samsung

**Product code:** MZ-MTE500BW

**Product name :** 840 EVO

840 EVO SSD, 500 GB, mSATA 6 GB/s, 540/520 MB/s, AES 256-bit  
 Samsung 840 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		Power	
Security algorithms	256-bit AES	Operating voltage	5 V
SSD form factor *	mSATA	Operational conditions	
SSD capacity *	500 GB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA	Storage temperature (T-T)	-40 - 85 °C
Hardware encryption *	✓	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Read speed	540 MB/s	Operating shock	1500 G
Write speed	520 MB/s	Other features	
S.M.A.R.T. support	✓	Product colour	Black, Green
TRIM support	✓	Internal	✓
SSD temperature monitoring	✓		
Mean time between failures (MTBF)	1500000 h		

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