

Samsung 850 EVO M.2 500 GB Serial ATA III

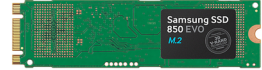
Brand : Samsung

Product code: MZ-N5E500BW

Product name : 850 EVO



500GB M.2, SATA 6Gb/s, 32 layer 3D V-NAND, 540 MB/s Read, 500 MB/s Write
 Samsung 850 EVO. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 540 MB/s, Write speed: 500 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 *	M.2	Storage temperature (T-T)	-40 - 85 °C
SSD capacity *	500 GB	Operating relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	540 MB/s	Weight & dimensions	
Write speed	500 MB/s	Width	80.3 mm
Random read (4KB)	97000 IOPS	Depth	15.2 mm
Random write (4KB)	89000 IOPS	Height	22.1 mm
S.M.A.R.T. support	✓	Weight	127 g
TRIM support	✓	Other features	
Mean time between failures (MTBF)	1500000 h	Product colour	Green
TBW rating	150	Internal	✓
Power			
Operating voltage	5 V		



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