

Samsung 850 EVO 500 GB 2.5" Serial ATA III MLC

Brand : Samsung
Product code: MZ-75E500B/AM
Product name : 850 EVO

500GB 850 EVO, Samsung 32 layer 3D V-NAND, SATA III, 2.5"
Samsung 850 EVO. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (write)	0.1 W
SSD capacity *	500 GB	Power consumption (idle)	0.045 W
SSD form factor *	2.5"	Weight & dimensions	
Interface *	Serial ATA III	Width	69.8 mm
Memory type *	MLC	Depth	100 mm
Data transfer rate	6 Gbit/s	Height	6.8 mm
Read speed	540 MB/s	Weight	45 g
Write speed	520 MB/s	Operational conditions	
Random read (4KB)	98000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	90000 IOPS	Storage temperature (T-T)	-40 - 85 °C
Storage drive buffer size	512 MB	Operating relative humidity (H-H)	5 - 95%
S.M.A.R.T. support	✓	Storage relative humidity (H-H)	5 - 95%
TRIM support	✓	Non-operating vibration	20 G
Mean time between failures (MTBF)	1500000 h	Operating shock	1500 G
Windows operating systems supported	✓	Non-operating shock	1500 G
Power		Other features	
Power consumption (read)	0.1 W	Product colour	Black
		Internal	✓



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Catalog Object Cloud



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