

Samsung 860 EVO 2.5" 500 GB Serial ATA III MLC

Brand : Samsung

Product code: MZ-76E500E

Product name : 860 EVO



- Featuring Samsung's latest 64-layer V-NAND technology to handle the workloads of mainstream PCs and laptops
 - Refined everyday computing for business professionals
 - Available in 2.5" SATA III, mSATA and M.2 form factors to fit your needs
 - Reliable endurance with an industry warranty up to 2,400 Total Bytes Written (TBW) for 5 years
- 860 EVO 500GB 2.5" SATA III Client SSD for Business
 Samsung 860 EVO. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC/Laptop

Features		Features	
NAND flash type	MLC (Multi Level Cell)	TBW rating	4800
Security algorithms	256-bit AES	Power	
SSD form factor *	2.5"	Power consumption (max)	4 W
SSD capacity *	500 GB	Power consumption (average)	3 W
Interface *	Serial ATA III	Power consumption (idle)	0.5 W
Memory type *	MLC	Power consumption DevSlp (device sleep)	2 mW
Component for *	PC/Laptop	Operational conditions	
Data transfer rate	6 Gbit/s	Operating temperature (T-T)	0 - 70 °C
Read speed	550 MB/s	Storage temperature (T-T)	-40 - 85 °C
Write speed	520 MB/s	Operating relative humidity (H-H)	5 - 95%
Random read (4KB)	98000 IOPS	Storage relative humidity (H-H)	5 - 95%
Random write (4KB)	90000 IOPS	Operating shock	1500 G
Controller type	Samsung MJX	Non-operating shock	1500 G
DevSlp (device sleep) support	✓	Weight & dimensions	
S.M.A.R.T. support	✓	Width	100 mm
TRIM support	✓	Depth	6.86 mm
IEEE 1667	✓	Height	70.1 mm
Mean time between failures (MTBF)	1500000 h	Weight	86.18 g
Active garbage collection	✓	Other features	
Opal SSC 2.0	✓	Product colour	Black



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