

Samsung 860 EVO 2.5" 2 TB Serial ATA III MLC

Brand : Samsung

Product code: MZ-76E2T0BW

Product name : 860 EVO

- The SSD to trust
- Enhanced performance
- Boosted endurance

SSD 860 EVO SATA III 2.5 inch 2 TB

Samsung 860 EVO. SSD capacity: 2 TB, 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)	Protection features	Shock resistant
Security algorithms	256-bit AES	Active garbage collection	✓
SSD form factor *	2.5"	Opal SSC 2.0	✓
SSD capacity *	2 TB	Power	
Interface *	Serial ATA III	Power consumption (max)	4 W
Memory type *	MLC	Power consumption (average)	3 W
Component for *	PC/Laptop	Operational conditions	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Storage temperature (T-T)	-40 - 85 °C
Read speed	550 MB/s	Operating relative humidity (H-H)	5 - 95%
Write speed	520 MB/s	Storage relative humidity (H-H)	5 - 95%
Random read (4KB)	98000 IOPS	Operating shock	1500 G
Random write (4KB)	90000 IOPS	Non-operating shock	1500 G
Controller type	Samsung MJX	Weight & dimensions	
DevSlp (device sleep) support	✓	Width	100 mm
S.M.A.R.T. support	✓	Depth	6.8 mm
TRIM support	✓	Height	69.8 mm
IEEE 1667	✓	Weight	60 g
Mean time between failures (MTBF)	1500000 h	Other features	
		Product colour	Black

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