

Samsung 870 EVO 8 TB 2.5" Serial ATA III V-NAND TLC

Brand : Samsung
Product code: MZ-77E8T0B/EU
Product name : 870 EVO

- Achieves the maximum SATA limit of 560/530 MB/s sequential speeds
 - Intelligent Turbo Write: accelerates write speed and maintains long-term high performance
 - Compatible with a range of host systems and applications
 - Available in different capacities up to 8TB
 - Five year limited warranty.
- 2.5", 8 TB, SATA, 560 MB/s read, 530 MB/s write
Samsung 870 EVO. SSD capacity: 8 TB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 530 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC



Features		Features	
Security algorithms	256-bit AES	Mac operating systems supported	✓
SSD capacity *	8 TB	Linux operating systems supported	✓
SSD form factor *	2.5"	Server operating systems supported	Windows Server 2003, Windows Server 2003 x64
Interface *	Serial ATA III	TBW rating	1200
NVMe *	✗	Power	
Memory type *	V-NAND TLC	Operating voltage	5 V
Component for *	PC	Power consumption (read)	2.2 W
Hardware encryption *	✓	Power consumption (write)	2.6 W
Data transfer rate	6 Gbit/s	Power consumption (max)	4.5 W
Read speed	560 MB/s	Power consumption (average)	2.5 W
Write speed	530 MB/s	Power consumption (idle)	0.04 W
Random read (4KB)	98000 IOPS	Weight & dimensions	
Random write (4KB)	88000 IOPS	Width	100.1 mm
DevSlp (device sleep) support	✓	Depth	6.9 mm
S.M.A.R.T. support	✓	Height	69.9 mm
TRIM support	✓	Weight	86.2 g
Mean time between failures (MTBF)	1500000 h	Packaging data	
Windows operating systems supported	Windows 10, Windows 10 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Vista	Package type	Box
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Operating shock	1500 G



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Catalog Object Cloud



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