

Samsung 870 EVO 1 TB 2.5" Serial ATA III V-NAND

Brand : Samsung  
Product code: MZ-77E1T0B/AM  
Product name : 870 EVO

2.5", 1 TB, SATA, 560 MB/s read, 530 MB/s write  
Samsung 870 EVO. SSD capacity: 1 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/Laptop



Features		Features	
Security algorithms	256-bit AES	Mac operating systems supported	✓
SSD capacity *	1 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	600
NVMe *	✗	Power	
Memory type *	V-NAND	Power consumption (max)	4 W
Component for *	PC/Laptop	Power consumption (average)	2.5 W
Hardware encryption *	✓	Power consumption (idle)	0.03 W
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	560 MB/s	Width	100.1 mm
Write speed	530 MB/s	Depth	6.9 mm
Controller type	Samsung MKX	Height	69.9 mm
DevSlp (device sleep) support	✓	Weight	86.2 g
S.M.A.R.T. support	✓	Packaging data	
TRIM support	✓	Package type	Box
Mean time between failures (MTBF)	1500000 h	Operational conditions	
Windows operating systems supported	Windows 10, Windows 10 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Vista	Operating shock	1500 G



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### Catalog Object Cloud



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