SAMSUNG

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	
Security algorithms	256-bit AES
SSD capacity *	1 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	V-NAND
Component for *	PC/Laptop
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	560 MB/s
Write speed	530 MB/s
Controller type	Samsung MKX
DevSlp (device sleep) support	✓
S.M.A.R.T. support	✓
TRIM support	✓
Mean time between failures (MTBF)	1500000 h
Windows operating systems supported	Windows 10, Windows 10 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Vista

Features	
Mac operating systems supported	✓
Linux operating systems supported	✓
Server operating systems supported	Windows Server 2003, Windows Server 2003 x64
TBW rating	600
Power	
Power consumption (max)	4 W
Power consumption (average)	2.5 W
Power consumption (idle)	0.03 W
Weight & dimensions	
Width	100.1 mm
Depth	6.9 mm
Height	69.9 mm
Weight	86.2 g
Packaging data	
Package type	Box
Operational conditions	
Operating shock	1500 G



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Catalog Object Cloud



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