

Samsung 870 EVO 500GB 2.5" SATA 3.0 6 Gb/s V-NAND Solid State Drive (SSD)



Specifications:

Brand:	SAMSUNG
Series:	870 EVO Series
Model:	MZ-77E500B/AM
Part Number:	MZ-77E500B/AM
Device Type:	Internal Solid State Drive (SSD)

Details

Form Factor:	2.5"
Capacity:	500GB
Memory Components:	V-NAND
Interface:	SATA III
Cache:	Samsung 512MB Low Power DDR4 SDRAM

Encryption: Class 0 (AES 256) TCG/Opal v2.0, MS eDrive (IEEE1667)

Performance

Max Sequential Read: Up to 560 MBps

Max Sequential Write: Up to 530 MBps

MTBF: 1,500,000 hours

Environmental

Power Consumption (Idle): Max. 30 mW

Power Consumption (Active)

Average: 2.2W

Maximum: 3.5W

Max Shock Resistance: 1500G

Dimensions & Weight

Height: 7.00mm

Width: 69.85mm

Depth: 100.00mm

Weight: 86.18g

