

## Samsung 750 EVO 2.5" 500 GB Serial ATA III TLC

**Brand :** Samsung

**Product code:** MZ-750500BW

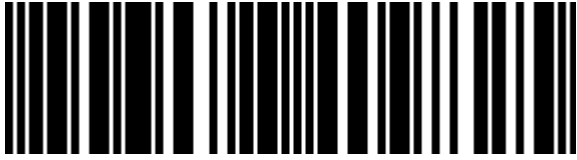
**Product name :** 750 EVO

500GB SSD, SATA III, 6.35cm (2.5"), black

Samsung 750 EVO. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
Security algorithms	256-bit AES	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	2.5"	Storage temperature (T-T)	-40 - 85 °C
SSD capacity *	500 GB	Operating relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Storage relative humidity (H-H)	5 - 95%
Memory type *	TLC	Non-operating vibration	20 G
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	540 MB/s	Non-operating shock	1500 G
Write speed	520 MB/s		
Random read (4KB)	97000 IOPS	Weight & dimensions	
Random write (4KB)	88000 IOPS	Width	100 mm
Controller type	Samsung MGX	Depth	6.8 mm
TRIM support	✓	Height	69.8 mm
Mean time between failures (MTBF)	1500000 h	Weight	45 g
Power		Other features	
Power consumption (read)	2.1 W	Product colour	Black
Power consumption (write)	2.4 W	Internal	✓



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