

Samsung 750 EVO 2.5" 500 GB Serial ATA III TLC

Brand : Samsung

Product code: MZ-750500Z

Product name : 750 EVO

750 EVO, SATA III, 2.5", 6 Gb/s, 540 MB/s, 500 GB

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		Power	
Security algorithms	256-bit AES	Power consumption (write)	2.5 W
SSD form factor *	2.5"	Operational conditions	
SSD capacity *	500 GB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA III	Storage temperature (T-T)	-40 - 85 °C
Memory type *	TLC	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Read speed	540 MB/s	Operating shock	1500 G
Write speed	520 MB/s	Non-operating shock	1500 G
Random read (4KB)	98000 IOPS	Weight & dimensions	
Random write (4KB)	88000 IOPS	Width	100 mm
Bytes per sector	256	Depth	6.8 mm
Controller type	Samsung MGX	Height	69.8 mm
S.M.A.R.T. support	✓	Weight	50 g
TRIM support	✓	Packaging data	
Mean time between failures (MTBF)	1500000 h	Bundled software	Magician
TBW rating	100	Other features	
Power		Product colour	Black
Power consumption (read)	2.3 W	Internal	✓

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