

Samsung 840 2.5" 500 GB Serial ATA III

Brand : Samsung

Product code: MZ-7TD500BW

Product name : 840



500GB Solid State Drive 840, 2.5" 7mm

Samsung 840. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 530 MB/s, Write speed: 330 MB/s, Data transfer rate: 6 Gbit/s

Features		Operational conditions	
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%
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	530 MB/s	Weight & dimensions	
Write speed	330 MB/s	Height	7 mm
Random read (4KB)	97000 IOPS	Weight	70 g
Random write (4KB)	63000 IOPS	Other features	
Power		Product colour	Black
Operating voltage	5 V	Internal	✓
Power consumption (read)	0.15 W	Compatible operating systems	Windows 7 (32-bit / 64-bit), Vista, XP, MAC OSX, Linux
Power consumption (write)	0.15 W	Connectivity technology	Wired
Operational conditions			
Operating temperature (T-T)	0 - 70 °C		

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