

Samsung 850 PRO 2.5" 2 TB Serial ATA III 3D MLC

Brand : Samsung

Product code: MZ-7KE2T0BW

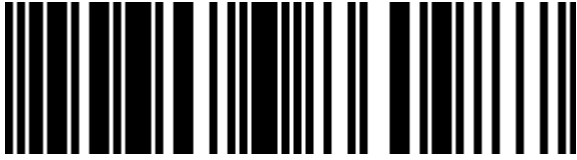
Product name : 850 PRO

2TB, 2.5" SATA III,6Gb/s

Samsung 850 PRO. SSD capacity: 2 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (read)	3.3 W
SSD form factor *	2.5"	Power consumption (write)	3 W
SSD capacity *	2 TB	Operational conditions	
Interface *	Serial ATA III	Operating temperature (T-T)	0 - 70 °C
Memory type *	3D MLC	Storage temperature (T-T)	-40 - 85 °C
Data transfer rate	6 Gbit/s	Operating relative humidity (H-H)	5 - 95%
Read speed	550 MB/s	Storage relative humidity (H-H)	5 - 95%
Write speed	520 MB/s	Operating shock	1500 G
Random read (4KB)	100000 IOPS	Non-operating shock	1500 G
Random write (4KB)	90000 IOPS	Weight & dimensions	
TRIM support	✓	Width	100 mm
RAID support	✓	Depth	6.85 mm
Mean time between failures (MTBF)	2000000 h	Height	69.8 mm
Windows operating systems supported	✓	Weight	63.5 g
Mac operating systems supported	✓	Other features	
Linux operating systems supported	✓	Product colour	Black
		Internal	✓



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