

Samsung 883 DCT 2.5" 3.8 TB Serial ATA III MLC

Brand : Samsung

Product code: MZ-7LH3T8NE

Product name : 883 DCT

- Easy to upgrade from legacy storage within your existing infrastructure thanks to the 2.5-inch form factor and SATA interface
- End-to-end data protection to help ensure consistency over the entire data transfer path
- Power-loss protection helps to prevent data corruption in the case of power failure
- Designed for optimized performance in server applications thanks to Samsung's proprietary 3-bit MLC V-NAND

3.8 TB, 2.5", SATA 6 Gb/s, 550/520 MB/s, 100 x 69.85 x 6.8 (mm)

Samsung 883 DCT. SSD capacity: 3.8 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation



Features		Power	
NAND flash type	MLC (Multi Level Cell)	Power consumption (read)	3.6 W
SSD form factor *	2.5"	Power consumption (write)	2.3 W
SSD capacity *	3.8 TB	Power consumption (idle)	1.3 W
Interface *	Serial ATA III	Operational conditions	
Memory type *	MLC	Operating temperature (T-T)	0 - 70 °C
Component for *	Server/workstation	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)	98000 IOPS	Non-operating shock	1500 G
Random write (4KB)	28000 IOPS	Weight & dimensions	
Controller type	Samsung MARU	Width	100 mm
S.M.A.R.T. support	✓	Depth	6.8 mm
TRIM support	✓	Height	69.8 mm
ECC	✓	Weight	70 g
Mean time between failures (MTBF)	2000000 h	Other features	
Power		Product colour	Black
Operating voltage	5 V		



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