

Samsung PM893 3.84 TB 2.5" Serial ATA III V-NAND TLC

Brand : Samsung

Product code: MZ7L33T8HBLT-00A07

Product name : PM893

Enterprise SSD 3.84TB, SATA III 6 Gb/s

Samsung PM893. SSD capacity: 3.84 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		Features	
Security algorithms	256-bit AES	Controller type	Samsung Metis
SSD capacity *	3.84 TB	S.M.A.R.T. support	✓
SSD form factor *	2.5"	TRIM support	✓
Interface *	Serial ATA III	End-to-End Data Protection	✓
NVMe *	✗	Mean time between failures (MTBF)	2000000 h
Memory type *	V-NAND TLC	Power	
Component for *	Server/workstation	Operating voltage	5 V
Hardware encryption *	✓	Power consumption (read)	2.1 W
Data transfer rate	6 Gbit/s	Power consumption (write)	3.2 W
Read speed	550 MB/s	Power consumption (max)	1.5 W
Write speed	520 MB/s	Weight & dimensions	
Random read (4KB)	98000 IOPS	Width	100 mm
Random write (4KB)	30000 IOPS	Depth	6.8 mm
Sequential read speed (AS SSD)	550 MB/s	Height	69.8 mm
Sequential write speed (AS SSD)	520 MB/s	Weight	70 g
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C



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