

Samsung PM893 2.5" 240 GB Serial ATA III V-NAND TLC

Brand : Samsung

Product code: MZ7L3240HCHQ-00A07

Product name : PM893

Enterprise SSD 240GB, SATA III 6 Gb/s
Samsung PM893. SSD capacity: 240 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 380 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation



Features		Features	
Security algorithms	256-bit AES	TRIM support	✓
SSD form factor *	2.5"	End-to-End Data Protection	✓
SSD capacity *	240 GB	Mean time between failures (MTBF)	2000000 h
Interface *	Serial ATA III	Power	
NVMe *	✗	Operating voltage	5 V
Memory type *	V-NAND TLC	Power consumption (read)	2.1 W
Component for *	Server/workstation	Power consumption (write)	3.2 W
Hardware encryption *	✓	Power consumption (max)	1.5 W
Data transfer rate	6 Gbit/s	Operational conditions	
Read speed	550 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	380 MB/s	Weight & dimensions	
Random read (4KB)	98000 IOPS	Width	100 mm
Random write (4KB)	15000 IOPS	Depth	6.8 mm
Controller type	Samsung Metis	Height	69.8 mm
S.M.A.R.T. support	✓	Weight	70 g



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