

Samsung PM893 240 GB 2.5" 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

Security algorithms	256-bit AES
SSD capacity *	240 GB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	V-NAND TLC
Component for *	Server/workstation
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	550 MB/s
Write speed	380 MB/s
Random read (4KB)	98000 IOPS
Random write (4KB)	15000 IOPS
Controller type	Samsung Metis
S.M.A.R.T. support	✓

Features

TRIM support	✓
End-to-End Data Protection	✓
Mean time between failures (MTBF)	2000000 h

Power

Operating voltage	5 V
Power consumption (read)	2.1 W
Power consumption (write)	3.2 W
Power consumption (max)	1.5 W

Weight & dimensions

Width	100 mm
Depth	6.8 mm
Height	69.8 mm
Weight	70 g

Operational conditions

Operating temperature (T-T)	0 - 70 °C
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