

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

Brand : Samsung
Product code: MZ7L3240HCHQ-00A07
Product name : PM893



- SATA 6.0 Gbps
 - 15K IOPS
 - 98K IOPS
 - Mass Production
- 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 capacity *	240 GB	End-to-End Data Protection	✓
SSD form factor *	2.5"	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	Weight & dimensions	
Read speed	550 MB/s	Width	100 mm
Write speed	380 MB/s	Depth	6.8 mm
Random read (4KB)	98000 IOPS	Height	69.8 mm
Random write (4KB)	15000 IOPS	Weight	70 g
Controller type	Samsung Metis	Operational conditions	
S.M.A.R.T. support	✓	Operating temperature (T-T)	0 - 70 °C



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