SAMSUNG

Samsung PM893 1.92 TB 2.5" Serial ATA III V-NAND TLC

Brand : Samsung

Product code: MZ-7L31T900

Product name : PM893



Enterprise SSD 1.92TB, SATA III 6 Gb/s
Samsung PM893. SSD capacity: 1.92 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC



Features	
Security algorithms	256-bit AES
SSD capacity *	1.92 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	V-NAND TLC
Component for *	PC
Hardware encryption *	✔
Data transfer rate	6 Gbit/s
Read speed	550 MB/s
Write speed	520 MB/s
Random read (4KB)	98000 IOPS
Random write (4KB)	30000 IOPS
Sequential read speed (AS SSD)	550 MB/s
Sequential write speed (AS SSD)	520 MB/s
Controller type	Samsung Metis

Features	
S.M.A.R.T. support	✔
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
Logistics data	
Harmonized System (HS) code	84717070



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