

## Samsung PM893 7.68 TB 2.5" Serial ATA III V-NAND TLC

**Brand :** Samsung

**Product code:** MZ-7L37T600

**Product name :** PM893

7.68 TB, SATA, 550 MB/s, 100 x 69.85 x 6.8 mm, 70 g

Samsung PM893. SSD capacity: 7.68 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

Security algorithms	256-bit AES
SSD capacity *	7.68 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
Memory type *	V-NAND TLC
Component for *	Server/workstation
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
S.M.A.R.T. support	✓
TRIM support	✓

### Features

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 (idle)	1.5 W

### Weight & dimensions

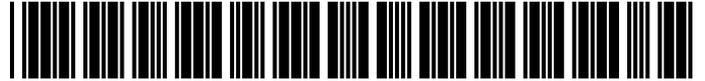
Width	100 mm
Depth	6.8 mm
Height	69.8 mm
Weight	70 g

### Operational conditions

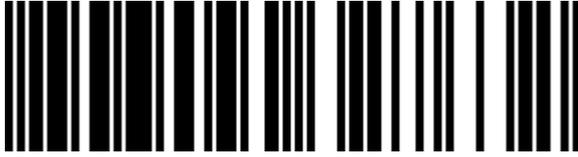
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G



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