

Samsung PM893 960 GB 2.5" Serial ATA III V-NAND TLC

Brand : Samsung

Product code: MZ-7L396000

Product name : PM893

960 GB, SATA, 100 x 69.85 x 6.8 mm, 70 g

Samsung PM893. SSD capacity: 960 GB, 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 * | 960 GB |
| 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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