

Samsung PM893 480 GB 2.5" Serial ATA III V-NAND TLC

Brand : Samsung

Product code: MZ-7L348000

Product name : PM893

Enterprise SSD 480GB, SATA III 6 Gb/s  
Samsung PM893. SSD capacity: 480 GB, 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                        |                | Features                          |           |
|---------------------------------|----------------|-----------------------------------|-----------|
| Security algorithms             | 256-bit AES    | S.M.A.R.T. support                | ✓         |
| SSD capacity *                  | 480 GB         | TRIM support                      | ✓         |
| SSD form factor *               | 2.5"           | End-to-End Data Protection        | ✓         |
| Interface *                     | Serial ATA III | Mean time between failures (MTBF) | 2000000 h |
| NVMe *                          | ✗              | Power                             |           |
| Memory type *                   | V-NAND TLC     | Operating voltage                 | 5 V       |
| Component for *                 | PC             | Power consumption (read)          | 2.1 W     |
| Hardware encryption *           | ✓              | Power consumption (write)         | 3.2 W     |
| Data transfer rate              | 6 Gbit/s       | Power consumption (max)           | 1.5 W     |
| Read speed                      | 550 MB/s       | Weight & dimensions               |           |
| Write speed                     | 520 MB/s       | Width                             | 100 mm    |
| Random read (4KB)               | 98000 IOPS     | Depth                             | 6.8 mm    |
| Random write (4KB)              | 30000 IOPS     | Height                            | 69.8 mm   |
| Sequential read speed (AS SSD)  | 550 MB/s       | Weight                            | 70 g      |
| Sequential write speed (AS SSD) | 520 MB/s       | Operational conditions            |           |
| Controller type                 | Samsung Metis  | Operating temperature (T-T)       | 0 - 70 °C |
|                                 |                | Logistics data                    |           |
|                                 |                | Harmonized System (HS) code       | 84717070  |



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### Catalog Object Cloud



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