SAMSUNG

# 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 | |
|---|---|
| Security algorithms | 256-bit AES |
| SSD capacity * | 480 GB |
| 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 |



4260580377367



7613081098083



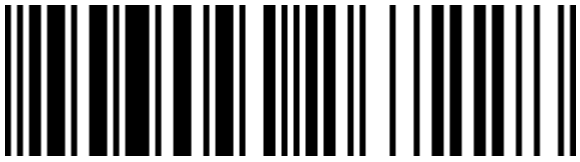
8592978375638



0006640906023



5704174944973



8806094267228



4711081686545

**Catalog Object Cloud**



Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date