

Samsung PM863 2.5" 480 GB Serial ATA III MLC

Brand : Samsung

Product code: MZ-7LM480E

Product name : PM863

480 GB, 2.5", SATA 6Gb/s, SSD

Samsung PM863. SSD capacity: 480 GB, SSD form factor: 2.5", Read speed: 525 MB/s, Write speed: 460 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
SSD form factor *	2.5"	Operating relative humidity (H-H)	5 - 95%
SSD capacity *	480 GB	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Operating shock	1500 G
Memory type *	MLC	Non-operating shock	1500 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	525 MB/s	Width	100 mm
Write speed	460 MB/s	Depth	9.91 mm
Random read (4KB)	99000 IOPS	Height	70.1 mm
Random write (4KB)	17000 IOPS	Weight	63.5 g
S.M.A.R.T. support	✓	Packaging data	
TRIM support	✓	Quick start guide	✓
RAID support	✓	Manual	✓
Mean time between failures (MTBF)	2000000 h	Package width	241 mm
Power		Package depth	189 mm
Operating voltage	5 V	Package height	188 mm
Power consumption (read)	2.9 W	Package weight	712 g
Power consumption (write)	3.8 W	Package type	Box
Operational conditions		Other features	
Operating temperature (T-T)	0 - 70 °C	Product colour	Black
Storage temperature (T-T)	-40 - 85 °C	Internal	✓

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.

Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date