

Samsung SM863a 2.5" 240 GB Serial ATA III

Brand : Samsung

Product code: MZ7KM240MHQ-00005

Product name : SM863a



240 GB, 2.5" SSD, SATA 6Gb/s, AES 256-bit, V-NAND

Samsung SM863a. SSD capacity: 240 GB, SSD form factor: 2.5", Read speed: 410 MB/s, Write speed: 450 MB/s, Data transfer rate: 6 Gbit/s

Features		Power	
Security algorithms	256-bit AES	Power consumption (write)	2.5 W
SSD form factor *	2.5"	Power consumption (idle)	1.3 W
SSD capacity *	240 GB	Operational conditions	
Interface *	Serial ATA III	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Storage temperature (T-T)	-40 - 85 °C
Read speed	410 MB/s	Storage relative humidity (H-H)	5 - 95%
Write speed	450 MB/s	Operating shock	1500 G
Random read (4KB)	90000 IOPS	Weight & dimensions	
Random write (4KB)	10000 IOPS	Width	100.2 mm
S.M.A.R.T. support	✓	Depth	6.8 mm
TRIM support	✓	Height	69.8 mm
Mean time between failures (MTBF)	2000000 h	Weight	64.3 g
Power		Packaging data	
Operating voltage	5 V	Quick start guide	✓
Power consumption (read)	2 W	Other features	
		Product colour	Black



5055288440241

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.