

Samsung PM9A3 7.68 TB 2.5" PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung
Product name : PM9A3
Product code: MZ-QL27T600



7.68 TB, 2.5", NVMe, V-NAND TLC, PCIe 4.0 x4, TRIM, S.M.A.R.T., AES 256-bit
Samsung PM9A3. SSD capacity: 7.68 TB, SSD form factor: 2.5", Read speed: 6700 MB/s, Write speed: 4000 MB/s, Component for: PC



Features		Features	
NVMe version	1.4	PCI Express interface data lanes	x4
Security algorithms	256-bit AES	S.M.A.R.T. support	✓
SSD capacity *	7.68 TB	TRIM support	✓
SSD form factor *	2.5"	End-to-End Data Protection	✓
Interface *	PCI Express 4.0	Mean time between failures (MTBF)	2000000 h
NVMe *	✓	Power	
Memory type *	V-NAND TLC	Operating voltage	12 V
Component for *	PC	Power consumption (read)	11 W
Hardware encryption *	✓	Power consumption (write)	13.5 W
Read speed	6700 MB/s	Power consumption (max)	3.5 W
Write speed	4000 MB/s	Weight & dimensions	
Random read (4KB)	1100000 IOPS	Width	110.2 mm
Random write (4KB)	200000 IOPS	Depth	22 mm
Sequential read speed (AS SSD)	6700 MB/s	Height	3.8 mm
Sequential write speed (AS SSD)	4000 MB/s	Weight	90 g
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Operating shock	1500 G



0887276642147



887276642147



8806094267136

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.