

Samsung 970 EVO Plus M.2 250 GB PCI Express 3.0 V-NAND MLC NVMe

Brand : Samsung

Product code: MZ-V7S250BW



Product name : 970 EVO Plus

- Always Evolving SSD
- Level up Performance
- Design Flexibility

250GB, M.2, PCIe Gen 3.0 x 4, NVMe 1.3

Samsung 970 EVO Plus. SSD capacity: 250 GB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 2300 MB/s, Component for: PC



Features		Features	
NVMe version	1.3	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Power	
SSD form factor *	M.2	Operating voltage	3.3 V
SSD capacity *	250 GB	Power consumption (max)	8 W
Interface *	PCI Express 3.0	Power consumption (average)	5 W
Memory type *	V-NAND MLC	Power consumption (idle)	0.003 W
NVMe *	✓	Operational conditions	
Component for *	PC	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✓	Weight & dimensions	
Read speed	3500 MB/s	Width	80.2 mm
Write speed	2300 MB/s	Depth	2.38 mm
Random read (4KB)	250000 IOPS	Height	22.1 mm
Random write (4KB)	550000 IOPS	Weight	8 g
Controller type	Samsung Phoenix	Packaging data	
PCI Express interface data lanes	x4	Bundled software	Magician Software for SSD management
DevSlp (device sleep) support	✓	Package type	Box
S.M.A.R.T. support	✓	Logistics data	
TRIM support	✓	Harmonized System (HS) code	84717070
		Other features	
		Launch date	1/22/2019



8801643628079

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: 30-JAN-2023. Prints or copies of Information are only valid on the printed Publication date