



Samsung MZ-V8P2T0BW internal solid state drive M.2 2 TB PCI Express 4.0 V-NAND MLC NVMe

Brand : Samsung

Product code: MZ-V8P2T0BW

Product name : MZ-V8P2T0BW

- Next-level SSD performance
- Exceptional speed
- A powerful combination

2TB, M.2, NVMe, PCIe Gen 4.0 x4, V-NAND 3-bit MLC, TRIM, S.M.A.R.T, AES 256-bit, 80.15 x 22.15 x 2.38 mm

Samsung MZ-V8P2T0BW. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5100 MB/s, Component for: PC/Laptop



Features		Power	
NVMe version	1.3c	Operating voltage	3.3 V
Security algorithms	256-bit AES	Power consumption (max)	7.2 W
SSD form factor *	M.2	Power consumption (average)	6.1 W
SSD capacity *	2 TB	Power consumption (standby)	0.035 W
Interface *	PCI Express 4.0	Operational conditions	
Memory type *	V-NAND MLC	Operating temperature (T-T)	0 - 70 °C
NVMe *	✓	Maximum operating temperature	70 °C
Component for *	PC/Laptop	Operating shock	1500 G
Hardware encryption *	✓	Weight & dimensions	
Read speed	7000 MB/s	Width	80.2 mm
Write speed	5100 MB/s	Depth	2.38 mm
Random read (4KB)	1000000 IOPS	Height	22.1 mm
Random write (4KB)	1000000 IOPS	Weight	9 g
PCI Express interface data lanes	x4	Packaging data	
S.M.A.R.T. support	✓	Package type	Box
TRIM support	✓	Logistics data	
Mean time between failures (MTBF)	1500000 h	Harmonized System (HS) code	84717070

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