

Samsung 990 PRO 1 TB M.2 PCI Express 4.0 NVMe V-NAND MLC

Brand : Samsung

Product code: MZ-V9P1T0BW

Product name : 990 PRO

- Samsung NVMe™ SSD powered by latest in-house controller.
- Up to 7,450 / 6,900 MB/s sequential read/write speed.
- Experience performance of PCIe® Gen 4.0.

MZ-V9P1T0BW

Samsung 990 PRO. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC/Game console



Features		Power	
NVMe version	2.0	Operating voltage	3.3 V
Security algorithms	256-bit AES	Power consumption (max)	7.8 W
SSD capacity *	1 TB	Power consumption (average)	5.4 W
SSD form factor *	M.2	Power consumption (idle)	0.05 W
Interface *	PCI Express 4.0	Weight & dimensions	
NVMe *	✓	Width	80 mm
Memory type *	V-NAND MLC	Depth	2.3 mm
Component for *	PC/Game console	Height	22 mm
Hardware encryption *	✓	Weight	9 g
M.2 SSD size	2280 (22 x 80 mm)	Packaging data	
Read speed	7450 MB/s	Package type	Box
Write speed	6900 MB/s	Operational conditions	
Random read (4KB)	1200000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	1550000 IOPS	Minimum operating temperature	0 °C
PCI Express interface data lanes	x4	Maximum operating temperature	70 °C
DevSlp (device sleep) support	✓	Operating vibration	1500 G
S.M.A.R.T. support	✓	Operating shock	1500 G
TRIM support	✓	Other features	
Mean time between failures (MTBF)	1500000 h	Warranty period	5 year(s)



0887276638331



887276638331



8806094215021

Catalog Object Cloud



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.