

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

**Brand :** Samsung

**Product code:** MZ-V9P2T0BW

**Product name :** 990 PRO



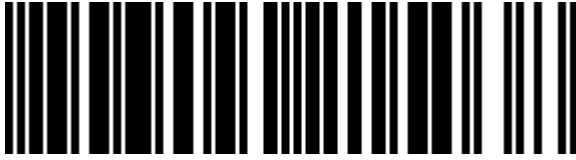
- Samsung NVMe SSD powered by newly designed in-house controller
- Up to 7,450 / 6900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control

MZ-V9P2T0BW

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



Features		Features	
NVMe version	2.0	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Protection features	Heat resistant
SSD form factor *	M.2	<b>Power</b>	
SSD capacity *	2 TB	Operating voltage	3.3 V
Interface *	PCI Express 4.0	Power consumption (average)	5.5 W
NVMe *	✓	Power consumption (idle)	0.055 W
Memory type *	V-NAND MLC	<b>Operational conditions</b>	
Component for *	PC	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✓	Maximum operating temperature	70 °C
Read speed	7450 MB/s	Operating shock	1500 G
Write speed	6900 MB/s	<b>Weight &amp; dimensions</b>	
Random read (4KB)	1400000 IOPS	Width	80 mm
Random write (4KB)	1550000 IOPS	Depth	2.3 mm
PCI Express interface data lanes	x4	Height	22 mm
DevSlp (device sleep) support	✓	Weight	9 g
S.M.A.R.T. support	✓	<b>Packaging data</b>	
TRIM support	✓	Package type	Box



8806094215038



0887276638348



887276638348

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.