SAMSUNG

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 $^{\scriptscriptstyle\mathsf{TM}}$ SSD powered by latest in-house controller.

- Up to 7,450 / 6,900 MB/s sequential read/write speed.

- Experience performance of $\ensuremath{\mathsf{PCle}}\xspace$ 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



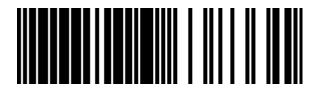
1TB

990

Features

NVMe version	2.0
Security algorithms	256-bit AES
SSD capacity *	1 TB
SSD form factor *	M.2
Interface *	PCI Express 4.0
NVMe *	 Image: A set of the set of the
Memory type *	V-NAND MLC
Component for *	PC
Hardware encryption *	1
Read speed	7450 MB/s
Write speed	6900 MB/s
Random read (4KB)	1200000 IOPS
Random write (4KB)	1550000 IOPS
PCI Express interface data lanes	x4
DevSlp (device sleep) support	 Image: A set of the set of the
S.M.A.R.T. support	 Image: A second s
TRIM support	 Image: A second s

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage Power consumption (max) Power consumption (average)	3.3 V 7.8 W 5.4 W
Weight & dimensions	
Width Depth Height Weight	80 mm 2.3 mm 22 mm 9 g
Packaging data	
Package type	Box
Operational conditions	
Operating temperature (T-T) Minimum operating temperature Maximum operating temperature Operating vibration	0 - 70 °C 0 °C 70 °C 1500 G
Other features	
Warranty period	5 year(s)





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