

Samsung 990 PRO 4 TB M.2 PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung

Product code: MZ-V9P4T0BW

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-V9P4T0BW

Samsung 990 PRO. SSD capacity: 4 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC/Game console



Features		Features	
NVMe version	2.0	S.M.A.R.T. support	✓
Security algorithms	256-bit AES	TRIM support	✓
SSD capacity *	4 TB	Mean time between failures (MTBF)	1500000 h
SSD form factor *	M.2	Protection features	Heat resistant
Interface *	PCI Express 4.0	Power	
NVMe *	✓	Operating voltage	3.3 V
Memory type *	V-NAND TLC	Power consumption (max)	8.6 W
Component for *	PC/Game console	Power consumption (average)	6.5 W
Hardware encryption *	✓	Power consumption (idle)	0.055 W
M.2 SSD size	2280 (22 x 80 mm)	Weight & dimensions	
Read speed	7450 MB/s	Width	80 mm
Write speed	6900 MB/s	Depth	2.3 mm
Random read (4KB)	1600000 IOPS	Height	22 mm
Random write (4KB)	1550000 IOPS	Weight	9 g
PCI Express interface data lanes	x4	Operational conditions	
DevSlp (device sleep) support	✓	Operating temperature (T-T)	0 - 70 °C
		Operating shock	1500 G



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