SAMSUNG

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	
NVMe version	2.0
Security algorithms	256-bit AES
SSD capacity *	4 TB
SSD form factor *	M.2
Interface *	PCI Express 4.0
NVMe *	✔
Memory type *	V-NAND TLC
Component for *	PC/Game console
Hardware encryption *	✔
M.2 SSD size	2280 (22 x 80 mm)
Read speed	7450 MB/s
Write speed	6900 MB/s
Random read (4KB)	1600000 IOPS
Random write (4KB)	1550000 IOPS
PCI Express interface data lanes	x4
DevSlp (device sleep) support	✔
S.M.A.R.T. support	✔
TRIM support	✔

Features	
Mean time between failures (MTBF)	1500000 h
Protection features	Heat resistant
Power	
Operating voltage	3.3 V
Power consumption (max)	8.6 W
Power consumption (average)	6.5 W
Power consumption (idle)	0.055 W
Weight & dimensions	
Width	80 mm
Depth	2.3 mm
Height	22 mm
Weight	9 g
Packaging data	
Package width	100 mm
Package depth	145 mm
Package height	22 mm
Package weight	60 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G

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Catalog Object Cloud

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