SAMSUNG

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



Brand : Samsung

Product code: MZ-V9P4T0B/AM

Product name : 990 PRO



- Gen4 steps up to the arena with more than 55% improvement in random performance compared to 980 PRO
- With read and write speeds up to 7450/6900 MB/s² you'll reach near max performance of PCIe® 4.0³ powering through for any use
- Give yourself some space with storage capacities from 1TB to 4TB
- Get power efficiency all while experiencing up to 50% improved performance per watt over the 980 PRO

Samsung, 990 PRO, 4TB, SSD, PCIe Gen 4.0 x4, NVMe 2.0, 80.01 x 2.3 x 22.1mm, 9.1 g
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
DevSlp (device sleep) support	✔
S.M.A.R.T. support	✔

Features	
TRIM support	✔
Mean time between failures (MTBF)	1500000 h
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	22.1 mm
Weight	9.1 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Other features	
Warranty period	5 year(s)

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