Samsung 990 PRO 2 TB M.2 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 Security algorithms 256-bit AES	256-bit AES	Mean time between failures (MTBF) Protection features	1500000 h Heat resistant
SSD form factor * Interface * NVMe *	terface * PCI Express 4.0 /Me * emory type * omponent for * ead speed rite speed andom read (4KB) andom write (4KB) CI Express interface data lanes evSlp (device sleep) support // PC V-NAND MLC PC A-450 MB/s 6900 MB/s 1400000 IOPS A-550000 IOPS A-450 MB/s A-450 MB/s	Power Operating voltage Power consumption (average) Power consumption (idle)	3.3 V 5.5 W 0.055 W
Memory type * Component for * Hardware encryption *		Weight & dimensions Width	80 mm
Read speed Write speed Random read (4KB)		Depth Height Weight	2.3 mm 22 mm 9 g
Random write (4KB)		Packaging data	_
DevSlp (device sleep) support		Package type Operational conditions	Вох
TRIM support		Operating temperature (T-T) Minimum operating temperature Maximum operating temperature Operating shock	0 - 70 °C 0 °C 70 °C 1500 G





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