

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

Brand : Samsung

Product code: MZ-V9P2T0BW

Product name : 990 PRO



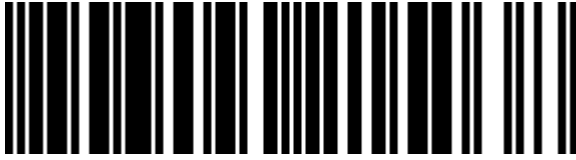
- Samsung NVMe SSD powered by newly designed in-house controller
- Up to 7,450 / 6900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control

990 PRO PCIe 4.0 NVMe M.2 SSD

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	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Protection features	Heat resistant
SSD form factor *	M.2	Power	
SSD capacity *	2 TB	Operating voltage	3.3 V
Interface *	PCI Express 4.0	Power consumption (average)	5.5 W
Memory type *	V-NAND MLC	Power consumption (idle)	0.055 W
NVMe *	✓	Operational conditions	
Component for *	PC	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✓	Maximum operating temperature	70 °C
Read speed	7450 MB/s	Operating shock	1500 G
Write speed	6900 MB/s	Weight & dimensions	
Random read (4KB)	1400000 IOPS	Width	80 mm
Random write (4KB)	1550000 IOPS	Depth	2.3 mm
PCI Express interface data lanes	x4	Height	22 mm
DevSlp (device sleep) support	✓	Weight	9 g
S.M.A.R.T. support	✓	Packaging data	
TRIM support	✓	Package type	Box



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