

Samsung 990 PRO M.2 1 TB PCI Express 4.0 NVMe V-NAND MLC

Merk : Samsung

Artikelcode: MZ-V9P1T0BW

Productnaam : 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 capaciteit: 1 TB, SSD-vormfactor: M.2, Leessnelheid: 7450 MB/s, Schrijfsnelheid: 6900 MB/s, Component voor: PC



Kenmerken		Kenmerken	
NVMe versie	2.0	Hoeveelheid externe DDR-cache	1024 MB
Ondersteunde beveiligingsalgoritmen	256-bit AES	Mean time between failures (MTBF)	1500000 uur
SSD-vormfactor *	M.2	Energie	
SSD capaciteit *	1 TB	Operating voltage	3,3 V
Interface *	PCI Express 4.0	Vermogensverbruik (max)	7,8 W
NVMe *	✓	Vermogensverbruik (avg)	5,4 W
Type geheugen *	V-NAND MLC	Eisen aan de omgeving	
Component voor *	PC	Bedrijfstemperatuur (T-T)	0 - 70 °C
Hardware encryptie *	✓	Maximale temperatuur (in bedrijf)	70 °C
Leessnelheid	7450 MB/s	Trillingen, in bedrijf	1500 G
Schrijfsnelheid	6900 MB/s	Technische details	
Random read (4KB)	1200000 IOPS	Garantieperiode	5 jaar
Random write (4KB)	1550000 IOPS	Gewicht en omvang	
PCI Express interface data lanes	x4	Breedte	80 mm
DevSlp (apparaat in slaapstand) ondersteuning	✓	Diepte	2,3 mm
S.M.A.R.T. support	✓	Hoogte	22 mm
TRIM support	✓	Gewicht	9 g
Externe DDR-cache	✓	Verpakking	
		Type verpakking	Doos



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