

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

Merk : Samsung

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Productnaam : 990 PRO



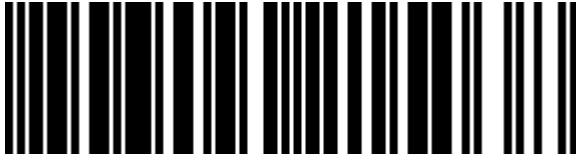
- Samsung NVMe SSD powered by newly designed in-house controller
- Up to 7,450 / 6900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control

990 PRO PCIe 4.0 NVMe™ M.2 SSD

Samsung 990 PRO. SSD capaciteit: 2 TB, SSD-vormfactor: M.2, Leessnelheid: 7450 MB/s, Schrijfsnelheid: 6900 MB/s, Component voor: PC



Kenmerken		Kenmerken	
NVMe versie	2.0	TRIM support	✓
Ondersteunde beveiligingsalgoritmen	256-bit AES	Mean time between failures (MTBF)	1500000 uur
SSD capaciteit *	2 TB	Veiligheidsfuncties	Hittebestendig
SSD-vormfactor *	M.2	Energie	
Interface *	PCI Express 4.0	Operating voltage	3,3 V
NVMe *	✓	Vermogensverbruik (avg)	5,5 W
Type geheugen *	V-NAND MLC	Stroomverbruik (idle)	0,055 W
Component voor *	PC	Gewicht en omvang	
Hardware encryptie *	✓	Breedte	80 mm
Leessnelheid	7450 MB/s	Diepte	2,3 mm
Schrijfsnelheid	6900 MB/s	Hoogte	22 mm
Random read (4KB)	1400000 IOPS	Gewicht	9 g
Random write (4KB)	1550000 IOPS	Verpakking	
PCI Express interface data lanes	x4	Type verpakking	Doos
DevSlp (apparaat in slaapstand) ondersteuning	✓	Eisen aan de omgeving	
S.M.A.R.T. support	✓	Bedrijfstemperatuur (T-T)	0 - 70 °C
		Maximale temperatuur (in bedrijf)	70 °C
		Schokbestendigheid	1500 G



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