

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

Merk : Samsung

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Productnaam : 990 PRO

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



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