

Samsung 990 EVO 1 TB M.2 PCI Express 4.0 NVMe V-NAND TLC

Merk : Samsung

Artikelcode: MZ-V9E1T0BW

Productnaam : 990 EVO



- Tot 5.000/4.200 MB/s seq lees-/schrijfsnelheid
- Tot 680K/800K random lees-/schrijfsnelheid
- PCIe 5.0 x2 en PCIe 4.0 x4 compatibiliteit
- Energieverbruik verlaagd tot 25% meer dan de 970 EVO Plus
- Energie-efficiëntie tot 70% beter dan de 970 EVO Plus

990 EVO PCIe 4.0 x4 / 5.0 x2 NVMe M.2 SSD

Samsung 990 EVO. SSD capaciteit: 1 TB, SSD-vormfactor: M.2, Leessnelheid: 5000 MB/s, Schrijfsnelheid: 4200 MB/s, Component voor: Universeel

Kenmerken		Energie	
NVMe versie	2.0	Operating voltage	3,3 V
Ondersteunde beveiligingsalgoritmen	256-bit AES	Stroomverbruik (lezen)	4,9 W
SSD capaciteit *	1 TB	Stroomverbruik (schrijven)	4,5 W
SSD-vormfactor *	M.2	Slaapstand	0,005 W
Interface *	PCI Express 4.0	Stroomverbruik (idle)	0,06 W
NVMe *	✓	Gewicht en omvang	
Type geheugen *	V-NAND TLC	Breedte	80,2 mm
Component voor *	Universeel	Diepte	22,1 mm
Hardware encryptie *	✓	Hoogte	2,38 mm
M.2 SSD-grootte	2280 (22 x 80 mm)	Gewicht	9 g
Leessnelheid	5000 MB/s	Verpakking	
Schrijfsnelheid	4200 MB/s	Type verpakking	Doos
PCI Express interface data lanes	x4	Eisen aan de omgeving	
PCI Express CEM revisie	4.0	Bedrijfstemperatuur (T-T)	0 - 70 °C
S.M.A.R.T. support	✓	Temperatuur bij opslag	-40 - 85 °C
TRIM support	✓	Relatieve vochtigheid in bedrijf (V-V)	5 - 95 procent
Mean time between failures (MTBF)	1500000 uur	Luchtvochtigheid bij opslag	5 - 95 procent
TBW-classificatie	600	Trillingen bij opslag	20 G
		Schokbestendigheid (buiten gebruik)	1500 G
		Overige specificaties	
		Garantieperiode	5 jaar



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