

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



Features		Power	
NVMe version	2.0	Power consumption (read)	4.9 W
Security algorithms	256-bit AES	Power consumption (write)	4.5 W
SSD capacity *	1 TB	Power consumption (sleep)	0.005 W
SSD form factor *	M.2	Power consumption (idle)	0.06 W
Interface *	PCI Express 4.0	Weight & dimensions	
NVMe *	✓	Width	80.2 mm
Memory type *	V-NAND TLC	Depth	22.1 mm
Component for *	Universal	Height	2.38 mm
Hardware encryption *	✓	Weight	9 g
M.2 SSD size	2280 (22 x 80 mm)	Packaging data	
Read speed	5000 MB/s	Package type	Box
Write speed	4200 MB/s	Operational conditions	
PCI Express interface data lanes	x4	Operating temperature (T-T)	0 - 70 °C
PCI Express CEM revision	4.0	Storage temperature (T-T)	-40 - 85 °C
S.M.A.R.T. support	✓	Operating relative humidity (H-H)	5 - 95%
TRIM support	✓	Storage relative humidity (H-H)	5 - 95%
Mean time between failures (MTBF)	1500000 h	Non-operating vibration	20 G
TBW rating	600	Non-operating shock	1500 G
Power		Other features	
Operating voltage	3.3 V	Warranty period	5 year(s)



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