SAMSUNG

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



Marchio : Samsung

Codice prodotto: MZ-V9V2T0BW

Nome del prodotto : 990

- Samsung NVMe SSD con tecnologia V-NAND
- Fino a 7.250 MB/s in lettura sequenziale e 6.450 MB/s in scrittura
- 38% di efficienza energetica in più rispetto a 990 PRO

Samsung 990. Capacità SSD: 2 TB, Dimensione SSD: M.2, Velocità di lettura: 7250 MB/s, Velocità di scrittura: 6450 MB/s, Componente per: PC

Caratteristiche	
Versione di NVMe	2.0
Algoritmi di sicurezza supportati	256-bit AES, TCG Opal 2.0
Capacità SSD *	2 TB
Dimensione SSD *	M.2
Interfaccia *	PCI Express 4.0
NVMe *	✔
Tipo memoria *	V-NAND
Componente per *	PC
criptaggio hardware *	✔
Dimensioni dell'unità SSD M.2	2280 (22 x 80 mm)
Velocità di lettura	7250 MB/s
Velocità di scrittura	6450 MB/s
Lettura casuale (4KB)	850000 IOPS (Operazioni di input/output per secondo)
Scrittura casuale (4KB)	1200000 IOPS (Operazioni di input/output per secondo)
Linee dati dell'interfaccia PCI Express	x4
Supporto di DevSlp (standby del dispositivo)	✔
Revisione PCI Express CEM	4.0
Supporto S.M.A.R.T.	✔

Caratteristiche	
Supporto TRIM	✔
Tempo medio tra guasti (MTBF)	1500000 h
Gestione energetica	
Tensione di esercizio	3,3 V
Consumo di energia (in lettura)	4,3 W
Consumo di energia (in scrittura)	3,8 W
Consumo energetico (inattivo)	0,055 W
Consumo di corrente DevSlp (modalità di attesa)	3 mW
Dimensioni e peso	
Larghezza	80,2 mm
Profondità	2,38 mm
Altezza	22,1 mm
Dati su imballaggio	
Tipo di imballo	Scatola
Condizioni ambientali	
Intervallo temperatura di funzionamento	0 - 70 °C
Shock di funzionamento	1500 G

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