SAMSUNG

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



Märke : Samsung

Produktkod: MZ-V9E2T0BW

Product name : 990 EVO

Samsung 990 EVO. Solid-state drive kapacitet: 2 TB, SSD-diskens formfaktor: M.2, Läshastighet: 5000 MB/s, Skrivhastighet: 4200 MB/s, Komponent för: PC



Egenskaper	
NVMe-version	2.0
Kryptering/säkerhet	256-bit AES
Solid-state drive kapacitet *	2 TB
SSD-diskens formfaktor *	M.2
Gränssnitt *	PCI Express 4.0
NVMe *	✔
Minnestyp *	V-NAND TLC
Komponent för *	PC
Hårdvarukryptering *	✔
M.2 SSD-storlek	2280 (22 x 80 mm)
Läshastighet	5000 MB/s
Skrivhastighet	4200 MB/s
Slumpvis läsning (4 kB)	700000 IOPS
Random skrivning (4KB)	800000 IOPS
PCI Express-databanor	x4
Stöd för DevSlp (device sleep)	✔
PCI Express CEM revision	4.0
Stöd för S.M.A.R.T.	✔
TRIM-stöd	✔
Medeltid mellan fel (MTBF)	1500000 h
TBW-betyg	1200
Strömtillförsel	
Driftspänning	3,3 V

Strömtillförsel	
Strömförbrukning (läsning)	5,5 W
Strömförbrukning (skrivning)	4,7 W
Strömförbrukning i väntläge	0,005 W
Strömförbrukning (viloläge)	0,06 W
Strömförbrukning i DevSlp (device sleep)	5 mW
Vikt & dimension	
Bredd	80 mm
Djup	2,38 mm
Höjd	22 mm
Vikt	9 g
Förpackning	
Förpackningstyp	Låda
Miljökrav	
Temperatur vid drift	0 - 70 ° C
Temperaturintervall (förvaring)	-40 - 85 ° C
Intervall för relativ operativ luftfuktighet	5 - 95%
Fuktighet (förvaring)	5 - 95%
Icke-drift vibrationer	20 G
Stötar vid drift	1500 G
Stötar i avstängt läge	1500 G
Övrigt	
Garantiperiod	5 År

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