SAMSUNG

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



Märke : Samsung

Produktkod: MZ-V9V1T0BW

Product name : 990

Samsung 990. Solid-state drive kapacitet: 1 TB, SSD-diskens formfaktor: M.2, Läshastighet: 7150 MB/s, Skrivhastighet: 6450 MB/s, Komponent för: PC

Egenskaper	
NVMe-version	2.0
Kryptering/säkerhet	256-bit AES, TCG Opal 2.0
Solid-state drive kapacitet *	1 TB
SSD-diskens formfaktor *	M.2
Gränssnitt *	PCI Express 4.0
NVMe *	✔
Minnestyp *	V-NAND
Komponent för *	PC
Hårdvarukryptering *	✔
M.2 SSD-storlek	2280 (22 x 80 mm)
Läshastighet	7150 MB/s
Skrivhastighet	6450 MB/s
Slumpvis läsning (4 kB)	700000 IOPS
Random skrivning (4KB)	1100000 IOPS
PCI Express-databanor	x4
Stöd för DevSlp (device sleep)	✔
PCI Express CEM revision	4.0

Egenskaper	
Stöd för S.M.A.R.T.	✔
TRIM-stöd	✔
Medeltid mellan fel (MTBF)	1500000 h
Strömtillförsel	
Driftspänning	3,3 V
Strömförbrukning (läsning)	4 W
Strömförbrukning (skrivning)	3,7 W
Strömförbrukning (viloläge)	0,055 W
Strömförbrukning i DevSlp (device sleep)	3 mW
Vikt & dimension	
Bredd	80,2 mm
Djup	2,38 mm
Höjd	22,1 mm
Förpackning	
Förpackningstyp	Låda
Miljökrav	
Temperatur vid drift	0 - 70 ° C
Stötar vid drift	1500 G

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