SAMSUNG

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

Marque : Samsung

Code produit: MZ-V9E2T0BW

Nom du produit : 990 EVO

- Lecture séquentielle jusqu'à 5 000 Mo/s
- Contrôle thermique intelligent
- Interfaces PCIe® 4.0 x4, compatible PCIe® 5.0 x2

SSD Interne 990 EVO NVMe M.2 PCIe® 4.0 x4 2 To
Samsung 990 EVO. Capacité du Solid State Drive (SSD): 2 To, Facteur de forme SSD: M.2, Vitesse de lecture: 5000 Mo/s, Vitesse d'écriture: 4200 Mo/s, composant pour: PC

Caractéristiques	
Version NVMe	2.0
Algorithme de sécurité soutenu	256-bit AES
Capacité du Solid State Drive (SSD) *	2 To
Facteur de forme SSD *	M.2
Interface *	PCI Express 4.0
NVMe *	✔
Type de mémoire *	V-NAND TLC
composant pour *	PC
Le chiffrement matériel *	✔
Taille du SSD M.2	2280 (22 x 80 mm)
Vitesse de lecture	5000 Mo/s
Vitesse d'écriture	4200 Mo/s
Lecture aléatoire (4KB)	700000 IOPS
Écriture aléatoire (4KB)	800000 IOPS
Flux de données d'interface PCI Express	x4
Prise en charge de DevSlp (veille du dispositif)	✔
Révision CEM PCI Express	4.0
Support S.M.A.R.T.	✔
Support TRIM	✔
Temps moyen entre pannes	1500000 h
Classe TBW	1200

Puissance	
Tension de fonctionnement	3,3 V
Consommation électrique (Lecture)	5,5 W

Puissance	
Consommation électrique (Ecriture)	4,7 W
Consommation d 'énergie (en mode veille)	0,005 W
Consommation électrique (idle)	0,06 W
Consommation électrique DevSlp (mode veille)	5 mW

Poids et dimensions	
Largeur	80 mm
Profondeur	2,38 mm
Hauteur	22 mm
Poids	9 g

Informations sur l'emballage	
Type d'emballage	Boîte

Conditions environnementales	
Température d'opération	0 - 70 °C
Température hors fonctionnement	-40 - 85 °C
Humidité relative de fonctionnement (H-H)	5 - 95%
Taux d'humidité relative (stockage)	5 - 95%
Vibrations hors fonctionnement	20 G
Choc durant le fonctionnement	1500 G
Choc hors fonctionnement	1500 G

Autres caractéristiques	
Période de garantie	5 année(s)

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Catalog Object Cloud

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