SAMSUNG

Samsung 990 PCIe 4.0 NVMe M.2 SSD - 2 TB



Marke : Samsung

Artikel-Code: MZ-V9V2T0BW

Produktname : 990 PCIe 4.0 NVMe M.2 SSD - 2 TB



- Verfügbare Kapazitäten: 1 TB und 2 TB
- Leistungsstarke NVMeTM-SSD im M.2-Formfaktor (2280)
- Sequenzielle Lese- und Schreibgeschwindigkeit von bis zu 7.250 / 6.450 MB/s
- Hohe Performance bei effizientem Stromverbrauch: bis zu 38 % verbesserte Leistung pro Watt gegenüber 990 PRO
- Vielseitig einsetzbar bei täglichem Gaming, Arbeiten und kreativen Projekten dank Kompatibilität mit PCIe 4.0
- SSD-Performance bequem im Blick dank Samsung Magician Software
- 3 Jahre eingeschränkte Herstellergarantie

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Samsung 990 PCIe 4.0 NVMe M.2 SSD - 2 TB. SSD Speicherkapazität: 2 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7250 MB/s, Schreibgeschwindigkeit: 6450 MB/s, Komponente für: PC

Merkmale	
NVMe Version	2.0
Unterstützte Sicherheitsalgorithmen	256-bit AES, TCG Opal 2.0
SSD Speicherkapazität *	2 TB
SSD-Formfaktor *	M.2
Schnittstelle *	PCI Express 4.0
NVMe *	✔
Speichertyp *	V-NAND
Komponente für *	PC
Hardwareverschlüsselung *	✔
M.2 SSD- Größe	2280 (22 x 80 mm)
Lesegeschwindigkeit	7250 MB/s
Schreibgeschwindigkeit	6450 MB/s
Zufälliges Lesen (4KB)	850000 IOPS
Zufälliges Schreiben (4KB)	1200000 IOPS
PCI-Expressschnittstelle Daten-Lanes	x4
DevSlp (Geräteschlaf)-Unterstützung	✔
PCI Express CEM Revision	4.0

Merkmale	
S.M.A.R.T. Unterstützung	✔
TRIM-Unterstützung	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
Energie	
Arbeitsspannung	3,3 V
Energieverbrauch (lesen)	4,3 W
Energieverbrauch (schreiben)	3,8 W
Energieverbrauch (idle)	0,055 W
Leistungsaufnahme DevSlp (Geräte Schlaf)	3 mW
Gewicht und Abmessungen	
Breite	80,2 mm
Tiefe	2,38 mm
Höhe	22,1 mm
Verpackungsdaten	
Verpackungsart	Box
Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Stoßfestigkeit in Betrieb	1500 G

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