SAMSUNG

Samsung 990 PCIe 4.0 NVMe M.2 SSD - 1 TB



Marke : Samsung

Artikel-Code: MZ-V9V1T0BW

Produktname : 990 PCIe 4.0 NVMe M.2 SSD - 1 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

MZ-V9V1T0BW
Samsung 990 PCIe 4.0 NVMe M.2 SSD - 1 TB. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7150 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 *	1 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	7150 MB/s
Schreibgeschwindigkeit	6450 MB/s
Zufälliges Lesen (4KB)	700000 IOPS
Zufälliges Schreiben (4KB)	1100000 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 W
Energieverbrauch (schreiben)	3,7 W
Energieverbrauch (idle)	0,055 W
Leistungsaufnahme DevSlp (Geräte Schlaf)	3 mW
Gewicht und Abmessungen	
Breite	80,2 mm
Tiefe	2,38 mm
Höhe	80,2 mm
Verpackungsdaten	
Verpackungsart	Box
Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Stoßfestigkeit in Betrieb	1500 G

8806099020699

Catalog Object Cloud

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 20-NOV-2026. Prints or copies of Information are only valid on the printed Publication date