SAMSUNG

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



Marchio : Samsung

Codice prodotto: MZ-V9V1T0BW

Nome del prodotto : 990

- Samsung NVMe SSD con tecnologia V-NAND
- Fino a 7.250 MB/s in lettura sequenziale e 6.450 MB/s in scrittura
- 38% di efficienza energetica in più rispetto a 990 PRO

Samsung 990. Capacità SSD: 1 TB, Dimensione SSD: M.2, Velocità di lettura: 7150 MB/s, Velocità di scrittura: 6450 MB/s, Componente per: PC

Caratteristiche	
Versione di NVMe	2.0
Algoritmi di sicurezza supportati	256-bit AES, TCG Opal 2.0
Capacità SSD *	1 TB
Dimensione SSD *	M.2
Interfaccia *	PCI Express 4.0
NVMe *	✔
Tipo memoria *	V-NAND
Componente per *	PC
criptaggio hardware *	✔
Dimensioni dell'unità SSD M.2	2280 (22 x 80 mm)
Velocità di lettura	7150 MB/s
Velocità di scrittura	6450 MB/s
Lettura casuale (4KB)	700000 IOPS (Operazioni di input/output per secondo)
Scrittura casuale (4KB)	1100000 IOPS (Operazioni di input/output per secondo)
Linee dati dell'interfaccia PCI Express	x4
Supporto di DevSlp (standby del dispositivo)	✔
Revisione PCI Express CEM	4.0
Supporto S.M.A.R.T.	✔

Caratteristiche	
Supporto TRIM	✔
Tempo medio tra guasti (MTBF)	1500000 h
Gestione energetica	
Tensione di esercizio	3,3 V
Consumo di energia (in lettura)	4 W
Consumo di energia (in scrittura)	3,7 W
Consumo energetico (inattivo)	0,055 W
Consumo di corrente DevSlp (modalità di attesa)	3 mW
Dimensioni e peso	
Larghezza	80,2 mm
Profondità	2,38 mm
Altezza	22,1 mm
Dati su imballaggio	
Tipo di imballo	Scatola
Condizioni ambientali	
Intervallo temperatura di funzionamento	0 - 70 °C
Shock di funzionamento	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: 11-NOV-2026. Prints or copies of Information are only valid on the printed Publication date