

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

Marke : Samsung

Artikel-Code: MZ-V9P1T0BW

Produktname : 990 PRO



- Sequentielle Lese-/Schreibgeschwindigkeit von bis zu 7.450 / 6.900 MB/s
- PCIe-Schnittstelle 4. Generation
- 1 TB, M.2, PCIe Gen 4.0 x4, NVMe 2.0, V-NAND MLC
- Samsung 990 PRO. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7450 MB/s, Schreibgeschwindigkeit: 6900 MB/s, Komponente für: PC



Merkmale		Merkmale	
NVMe Version	2.0	Externer DDR-Cache	✓
Unterstützte Sicherheitsalgorithmen	256-bit AES	Kapazität externer DDR-Cache	1024 MB
SSD-Formfaktor *	M.2	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
SSD Speicherkapazität *	1 TB	<b>Energie</b>	
Schnittstelle *	PCI Express 4.0	Arbeitsspannung	3,3 V
Speichertyp *	V-NAND MLC	Stromverbrauch (max.)	7,8 W
NVMe *	✓	Stromverbrauch (durchschnittl.)	5,4 W
Komponente für *	PC	<b>Betriebsbedingungen</b>	
Hardwareverschlüsselung *	✓	Betriebstemperatur	0 - 70 °C
Lesegeschwindigkeit	7450 MB/s	Maximale Betriebstemperatur	70 °C
Schreibgeschwindigkeit	6900 MB/s	Vibrationen in Betrieb	1500 G
Zufälliges Lesen (4KB)	1200000 IOPS	<b>Gewicht und Abmessungen</b>	
Zufälliges Schreiben (4KB)	1550000 IOPS	Breite	80 mm
PCI-Expressschnittstelle Daten-Lanes	x4	Tiefe	2,3 mm
DevSlp (Geräteschlaf)-Unterstützung	✓	Höhe	22 mm
S.M.A.R.T. Unterstützung	✓	Gewicht	9 g
TRIM-Unterstützung	✓	<b>Verpackungsdaten</b>	
		Verpackungsart	Box



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