

Samsung 990 PRO 4 TB M.2 PCI Express 4.0 NVMe V-NAND MLC

Marke : Samsung

Artikel-Code: MZ-V9P4T0BW

Produktname : 990 PRO



- PCIe® 4.0 NVMe™ SSD für High-End-Gaming für Konsole und PC
 - Hohe Lesegeschwindigkeit von bis zu 7.450 MB/s und Schreibgeschwindigkeit von bis zu 6.900 MB/s
 - 50 % verbesserte Leistung pro Watt gegenüber der 980 PRO (Vorgängermodell)
 - Schutz vor Überhitzung dank Heat Spreader und Dynamic Thermal Guard
 - Auch geeignet für anspruchsvolle Video- und Grafikbearbeitung
 - Unterstützt Direct Storage bei Windows 11
- 990 PRO NVMe™ M.2 SSD - 4 TB
- Samsung 990 PRO. SSD Speicherkapazität: 4 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7450 MB/s, Schreibgeschwindigkeit: 6900 MB/s, Komponente für: PC

Merkmale		Merkmale	
NVMe Version	2.0	DevSlp (Geräteschlaf)-Unterstützung	✓
Unterstützte Sicherheitsalgorithmen	256-bit AES	S.M.A.R.T. Unterstützung	✓
SSD Speicherkapazität *	4 TB	TRIM-Unterstützung	✓
SSD-Formfaktor *	M.2	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
Schnittstelle *	PCI Express 4.0	Schutzfunktion	Hitzebeständig
NVMe *	✓	Energie	
Speichertyp *	V-NAND MLC	Arbeitsspannung	3,3 V
Komponente für *	PC	Stromverbrauch (durchschnittl.)	5,5 W
Hardwareverschlüsselung *	✓	Gewicht und Abmessungen	
Lesegeschwindigkeit	7450 MB/s	Breite	80 mm
Schreibgeschwindigkeit	6900 MB/s	Tiefe	2,3 mm
Zufälliges Lesen (4KB)	1400000 IOPS	Höhe	22 mm
Zufälliges Schreiben (4KB)	1550000 IOPS	Gewicht	9 g
PCI-Expressschnittstelle Daten-Lanes	x4	Betriebsbedingungen	
		Betriebstemperatur	0 - 70 °C
		Stoßfestigkeit in Betrieb	1500 G



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