SAMSUNG

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

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



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Samsung 990 PRO. SSD Speicherkapazität: 4 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7450 MB/s, Schreibgeschwindigkeit: 6900 MB/s, Komponente für: PC/Spielekonsole

Merkmale	
NVMe Version	2.0
Unterstützte Sicherheitsalgorithmen	256-bit AES
SSD Speicherkapazität *	4 TB
SSD-Formfaktor *	M.2
Schnittstelle *	PCI Express 4.0
NVMe *	✔
Speichertyp *	V-NAND TLC
Komponente für *	PC/Spielekonsole
Hardwareverschlüsselung *	✔
M.2 SSD- Größe	2280 (22 x 80 mm)
Lesegeschwindigkeit	7450 MB/s
Schreibgeschwindigkeit	6900 MB/s
Zufälliges Lesen (4KB)	1600000 IOPS
Zufälliges Schreiben (4KB)	1550000 IOPS
PCI-Expressschnittstelle Daten-Lanes	x4
DevSlp (Geräteschlaf)-Unterstützung	✔
S.M.A.R.T. Unterstützung	✔
TRIM-Unterstützung	✔

Merkmale	
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
Schutzfunktion	Hitzebeständig
Energie	
Arbeitsspannung	3,3 V
Stromverbrauch (max.)	8,6 W
Stromverbrauch (durchschnittl.)	6,5 W
Energieverbrauch (idle)	0,055 W
Gewicht und Abmessungen	
Breite	80 mm
Tiefe	2,3 mm
Höhe	22 mm
Gewicht	9 g
Verpackungsdaten	
Verpackungsbreite	100 mm
Verpackungstiefe	145 mm
Verpackungshöhe	22 mm
Paketgewicht	60 g
Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Stoßfestigkeit in Betrieb	1500 G

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Catalog Object Cloud

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