SAMSUNG

Samsung 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 4 TB

Marke : Samsung

Artikel-Code: MZ-VAP4T0BW

Produktname : 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 4 TB



MZ-VAP4T0BW
Samsung 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 4 TB. SSD Speicherkapazität: 4 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 14800 MB/s, Schreibgeschwindigkeit: 13400 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 5.0
NVMe *	✔
Speichertyp *	V-NAND TLC
Komponente für *	PC/Spielekonsole
Hardwareverschlüsselung *	✔
M.2 SSD- Größe	2280 (22 x 80 mm)
Lesegeschwindigkeit	14800 MB/s
Schreibgeschwindigkeit	13400 MB/s
Zufälliges Lesen (4KB)	2200000 IOPS
Zufälliges Schreiben (4KB)	2600000 IOPS
PCI-Expressschnittstelle Daten-Lanes	x4
DevSlp (Geräteschlaf)-Unterstützung	✔
S.M.A.R.T. Unterstützung	✔
TRIM-Unterstützung	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h

Energie	
Arbeitsspannung	3,3 V

Energie	
Energieverbrauch (lesen)	9 W
Energieverbrauch (schreiben)	8,2 W
Durchschnittlicher Stromverbrauch (Lesen)	9 W
Durchschnittlicher Stromverbrauch (Schreiben)	8,2 W
Energieverbrauch (idle)	0,007 W
Leistungsaufnahme DevSlp (Geräte Schlaf)	5,7 mW

Gewicht und Abmessungen	
Breite	80,2 mm
Tiefe	2,38 mm
Höhe	80,2 mm
Gewicht	9 g

Verpackungsdaten	
Verpackungsbreite	143 mm
Verpackungstiefe	98 mm
Verpackungshöhe	22 mm
Paketgewicht	65 g
Verpackungsart	Box

Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Stoßfestigkeit in Betrieb	1500 G

Sonstige Funktionen	
Garantiezeit	5 Jahr(e)

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