

Samsung 980 250 GB M.2 PCI Express 3.0 NVMe V-NAND MLC

Marke : Samsung

Artikel-Code: MZ-V8V250BW

Produktname : 980



- Leistungsstarke und kosteneffiziente PCIe® 3.0 NVMe™ SSD für Gaming und Alltagsanwendungen
 - Moderne V-NAND Speichertechnologie im kompakten M.2-Formfaktor (2280)
 - Hohe Datentransferraten von bis zu 3.500 MB/s - mehr als 6,2 Mal schneller als SATA SSDs
 - Intelligent TurboWrite 2.0 mit bis zu 160 GB dynamischem Pufferspeicher für eine langanhaltend hohe Performance
 - Unterstützt den Full Power Mode für höchstmögliche Performance bei niedriger Latenz
 - 5 Jahre eingeschränkte Herstellergarantie oder bis zu 600 Terabytes Writen
 - Unterstützt Direct Storage bei Windows 11
- 980 NVMe™ M.2 SSD - 250 GB
- Samsung 980. SSD Speicherkapazität: 250 GB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 2900 MB/s, Schreibgeschwindigkeit: 1300 MB/s, Komponente für: PC

Merkmale	
NVMe Version	1.4
Unterstützte Sicherheitsalgorithmen	256-bit AES
SSD Speicherkapazität *	250 GB
SSD-Formfaktor *	M.2
Schnittstelle *	PCI Express 3.0
NVMe *	✓
Speichertyp *	V-NAND MLC
Komponente für *	PC
Hardwareverschlüsselung *	✓
M.2 SSD- Größe	2280 (22 x 80 mm)
Lesegeschwindigkeit	2900 MB/s
Schreibgeschwindigkeit	1300 MB/s
Zufälliges Lesen (4KB)	230000 IOPS
Zufälliges Schreiben (4KB)	320000 IOPS
Controller Typ	Samsung Pablo
PCI-Expressschnittstelle Daten-Lanes	x4
DevSlp (Geräteschlaf)-Unterstützung	✓

Merkmale	
S.M.A.R.T. Unterstützung	✓
TRIM-Unterstützung	✓
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
Energie	
Arbeitsspannung	3,3 V
Stromverbrauch (max.)	5,6 W
Stromverbrauch (durchschnittl.)	3,7 W
Energieverbrauch (idle)	0,045 W
Gewicht und Abmessungen	
Breite	80,2 mm
Tiefe	22,1 mm
Höhe	22,1 mm
Gewicht	8 g
Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Vibrationen in Betrieb	1500 G
Stoßfestigkeit in Betrieb	1500 G
Logistikdaten	
Warentarifnummer (HS)	84717070



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Catalog Object Cloud



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