

Samsung 980 1 TB M.2 PCI Express 3.0 NVMe V-NAND MLC

Marke : Samsung

Artikel-Code: MZ-V8V1T0BW

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 Written
- Unterstützt Direct Storage bei Windows 11

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Samsung 980. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 3500 MB/s, Schreibgeschwindigkeit: 3000 MB/s, Komponente für: PC



Merkmale		Merkmale	
NVMe Version	1.4	S.M.A.R.T. Unterstützung	✓
Unterstützte Sicherheitsalgorithmen	256-bit AES	TRIM-Unterstützung	✓
SSD Speicherkapazität *	1 TB	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
SSD-Formfaktor *	M.2	Energie	
Schnittstelle *	PCI Express 3.0	Arbeitsspannung	3,3 V
NVMe *	✓	Stromverbrauch (max.)	5,3 W
Speichertyp *	V-NAND MLC	Stromverbrauch (durchschnittl.)	4,6 W
Komponente für *	PC	Energieverbrauch (idle)	0,045 W
Hardwareverschlüsselung *	✓	Gewicht und Abmessungen	
M.2 SSD- Größe	2280 (22 x 80 mm)	Breite	80,2 mm
Lesegeschwindigkeit	3500 MB/s	Tiefe	22,1 mm
Schreibgeschwindigkeit	3000 MB/s	Höhe	22,1 mm
Zufälliges Lesen (4KB)	500000 IOPS	Gewicht	8 g
Zufälliges Schreiben (4KB)	480000 IOPS	Betriebsbedingungen	
Controller Typ	Samsung Pablo	Betriebstemperatur	0 - 70 °C
PCI-Expressschnittstelle Daten-Lanes	x4	Vibrationen in Betrieb	1500 G
DevSlp (Geräteschlaf)-Unterstützung	✓	Stoßfestigkeit in Betrieb	1500 G
		Logistikdaten	
		Warentarifnummer (HS)	84717070



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Catalog Object Cloud



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