

Samsung 990 EVO Plus NVMe™ M.2 SSD - 1 TB

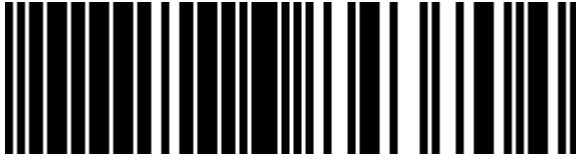
Marke : Samsung Artikel-Code: MZ-V9S1T0BW

Produktname : 990 EVO Plus NVMe™ M.2 SSD - 1 TB



- Geeignet für leistungsstarke PCs, schlanke Laptops und Spielekonsolen
 - Kompatibel mit PCIe® 4.0 x4 und PCIe® 5.0 x2
 - Schnell: Sequenzielle Lese- und Schreibgeschwindigkeiten von bis zu 7.250 / 6.300 MB/s
 - Effizient: Um 73% pro Watt verbesserte Leistung gegenüber der 990 EVO
 - Konstant: Smartes Temperatur-Management für durchgängig hohe Leistung
 - Zuverlässig: 5 Jahre eingeschränkte Herstellergarantie
- PCIe 4.0 x4 / 5.0 x2 NVMe 2.0, 1Tb, 0 - 70 °C, 1.5 Millionen Stunden (MTBF), 80.15 x 22.15 x 2.38 mm (max.)
- Samsung 990 EVO Plus NVMe™ M.2 SSD - 1 TB. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7150 MB/s, Schreibgeschwindigkeit: 6300 MB/s, Komponente für: PC

Merkmale		Energie	
NVMe Version	2.0	Arbeitsspannung	3,3 V
Unterstützte Sicherheitsalgorithmen	256-bit AES	Energieverbrauch (lesen)	4,3 W
SSD Speicherkapazität *	1 TB	Energieverbrauch (schreiben)	4,2 W
SSD-Formfaktor *	M.2	Durchschnittlicher Stromverbrauch (Lesen)	4,3 W
Schnittstelle *	PCI Express 4.0	Durchschnittlicher Stromverbrauch (Schreiben)	4,2 W
NVMe *	✓	Energieverbrauch (idle)	0,06 W
Speichertyp *	V-NAND TLC	Leistungsaufnahme DevSlp (Geräte Schlaf)	5 mW
Komponente für *	PC	Gewicht und Abmessungen	
Hardwareverschlüsselung *	✓	Breite	80,2 mm
M.2 SSD- Größe	2280 (22 x 80 mm)	Tiefe	2,38 mm
Lesegeschwindigkeit	7150 MB/s	Höhe	80,2 mm
Schreibgeschwindigkeit	6300 MB/s	Gewicht	9 g
Zufälliges Lesen (4KB)	850000 IOPS	Verpackungsdaten	
Zufälliges Schreiben (4KB)	1350000 IOPS	Verpackungsbreite	145 mm
DevSlp (Geräteschlaf)-Unterstützung	✓	Verpackungstiefe	100 mm
S.M.A.R.T. Unterstützung	✓	Verpackungshöhe	24 mm
TRIM-Unterstützung	✓	Paketgewicht	68 g
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h	Betriebsbedingungen	
		Betriebstemperatur	0 - 70 °C
		Stoßfestigkeit in Betrieb	1500 G



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Catalog Object Cloud



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