

Samsung 970 EVO Plus M.2 500 GB PCI Express 3.0 NVMe V-NAND MLC

Marke : Samsung

Artikel-Code: MZ-V7S500BW

Produktname : 970 EVO Plus



- Leistungsstarke NVMe™ SSD im M.2-Formfaktor (2280)
- Moderne V-NAND Speichertechnologie
- Hohe Datentransferraten von bis zu 3.500 MB/s
- Hohe Zuverlässigkeit dank der Dynamic Thermal Guard-Technologie

970 EVO Plus NVMe™ M.2 SSD - 500 GB

Samsung 970 EVO Plus. SSD Speicherkapazität: 500 GB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 3500 MB/s, Schreibgeschwindigkeit: 3300 MB/s, Komponente für: PC



Merkmale		Merkmale	
NVMe Version	1.3	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
Unterstützte Sicherheitsalgorithmen	256-bit AES	Energie	
SSD-Formfaktor *	M.2	Arbeitsspannung	3,3 V
SSD Speicherkapazität *	500 GB	Stromverbrauch (max.)	9 W
Schnittstelle *	PCI Express 3.0	Stromverbrauch (durchschnittl.)	5,8 W
NVMe *	✓	Energieverbrauch (idle)	0,003 W
Speichertyp *	V-NAND MLC	Betriebsbedingungen	
Komponente für *	PC	Betriebstemperatur	0 - 70 °C
Hardwareverschlüsselung *	✓	Gewicht und Abmessungen	
Lesegeschwindigkeit	3500 MB/s	Breite	80,2 mm
Schreibgeschwindigkeit	3300 MB/s	Tiefe	2,38 mm
Zufälliges Lesen (4KB)	480000 IOPS	Höhe	22,1 mm
Zufälliges Schreiben (4KB)	550000 IOPS	Gewicht	8 g
Controller Typ	Samsung Phoenix	Verpackungsdaten	
PCI-Expressschnittstelle Daten-Lanes	x4	Mitgelieferte Software	Magician Software for SSD management
DevSlp (Geräteschlaf)-Unterstützung	✓	Verpackungsart	Box
S.M.A.R.T. Unterstützung	✓	Logistikdaten	
TRIM-Unterstützung	✓	Warentarifnummer (HS)	84717070
		Sonstige Funktionen	
		Startdatum	1/22/2019



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