

Samsung 990 EVO 2 TB M.2 PCI Express 4.0 NVMe V-NAND TLC

Marke : Samsung

Artikel-Code: MZ-V9E2T0BW

Produktname : 990 EVO

- Geeignet für leistungsstarke PCs, schlanke Laptops und Spielekonsolen
 - Kompatibel mit PCIe® 4.0 x4 und PCIe® 5.0 x2
 - Moderne V-NAND Speichertechnologie
 - Sequenzielle Lese- und Schreibgeschwindigkeit von bis zu 5.000/4.200 MB/s
 - Energieeffizient: Um 70% pro Watt verbesserte Leistung gegenüber der 970 EVO Plus
 - Smartes Temperatur-Management für konstant hohe Leistung
- MZ-V9E2T0BW

Samsung 990 EVO. SSD Speicherkapazität: 2 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 5000 MB/s, Schreibgeschwindigkeit: 4200 MB/s, Komponente für: PC



Merkmale		Energie	
NVMe Version	2.0	Arbeitsspannung	3,3 V
Unterstützte Sicherheitsalgorithmen	256-bit AES	Energieverbrauch (lesen)	5,5 W
SSD Speicherkapazität *	2 TB	Energieverbrauch (schreiben)	4,7 W
SSD-Formfaktor *	M.2	Stromverbrauch (Sleep-Modus)	0,005 W
Schnittstelle *	PCI Express 4.0	Energieverbrauch (idle)	0,06 W
NVMe *	✓	Leistungsaufnahme DevSlp (Geräte Schlaf)	5 mW
Speichertyp *	V-NAND TLC	Gewicht und Abmessungen	
Komponente für *	PC	Breite	80 mm
Hardwareverschlüsselung *	✓	Tiefe	2,38 mm
M.2 SSD- Größe	2280 (22 x 80 mm)	Höhe	22 mm
Lesegeschwindigkeit	5000 MB/s	Gewicht	9 g
Schreibgeschwindigkeit	4200 MB/s	Verpackungsdaten	
Zufälliges Lesen (4KB)	700000 IOPS	Verpackungsart	Box
Zufälliges Schreiben (4KB)	800000 IOPS	Betriebsbedingungen	
PCI-Expressschnittstelle Daten-Lanes	x4	Betriebstemperatur	0 - 70 °C
DevSlp (Geräteschlaf)-Unterstützung	✓	Temperaturbereich bei Lagerung	-40 - 85 °C
PCI Express CEM Revision	4.0	Relative Luftfeuchtigkeit in Betrieb	5 - 95%
S.M.A.R.T. Unterstützung	✓	Luftfeuchtigkeit bei Lagerung	5 - 95%
TRIM-Unterstützung	✓	Vibrationen außer Betrieb	20 G
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h	Stoßfestigkeit in Betrieb	1500 G
TBW-Bewertung	1200	Stoßfestigkeit außer Betrieb	1500 G
		Sonstige Funktionen	
		Garantiezeit	5 Jahr(e)



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Catalog Object Cloud



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