SAMSUNG

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

Marke : Samsung

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

990 EVO Plus NVMe M.2 SSD - 2 TB, 80.15 x 22.15 x 2.38 mm (max.), 9g
Samsung 990 EVO Plus NVMe™ M.2 SSD - 2 TB. SSD Speicherkapazität: 2 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7250 MB/s, Schreibgeschwindigkeit: 6300 MB/s, Komponente für: PC



Merkmale	
NVMe Version	2.0
Unterstützte Sicherheitsalgorithmen	256-bit AES
SSD Speicherkapazität *	2 TB
SSD-Formfaktor *	M.2
Schnittstelle *	PCI Express 4.0
NVMe *	✔
Speichertyp *	V-NAND TLC
Komponente für *	PC
Hardwareverschlüsselung *	✔
M.2 SSD- Größe	2280 (22 x 80 mm)
Lesegeschwindigkeit	7250 MB/s
Schreibgeschwindigkeit	6300 MB/s
Zufälliges Lesen (4KB)	1000000 IOPS
Zufälliges Schreiben (4KB)	1350000 IOPS
DevSlp (Geräteschlaf)-Unterstützung	✔
S.M.A.R.T. Unterstützung	✔
TRIM-Unterstützung	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h

Energie	
Arbeitsspannung	3,3 V
Energieverbrauch (lesen)	4,6 W
Energieverbrauch (schreiben)	4,2 W
Durchschnittlicher Stromverbrauch (Lesen)	4,6 W
Durchschnittlicher Stromverbrauch (Schreiben)	4,2 W
Energieverbrauch (idle)	0,06 W
Leistungsaufnahme DevSlp (Geräte Schlaf)	5 mW

Gewicht und Abmessungen	
Breite	80,2 mm
Tiefe	2,38 mm
Höhe	80,2 mm
Gewicht	9 g

Verpackungsdaten	
Verpackungsbreite	139 mm
Verpackungstiefe	102 mm
Verpackungshöhe	24 mm
Paketgewicht	70 g

Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Stoßfestigkeit in Betrieb	1500 G



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Catalog Object Cloud



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