

Samsung 990 PCIe 4.0 NVMe M.2 SSD - 1 TB

Marke : Samsung

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Produktname : 990 PCIe 4.0 NVMe M.2 SSD - 1 TB

- Verfügbare Kapazitäten: 1 TB und 2 TB
 - Leistungsstarke NVMe™-SSD im M.2-Formfaktor (2280)
 - Sequenzielle Lese- und Schreibgeschwindigkeit von bis zu 7.250 / 6.450 MB/s
 - Hohe Performance bei effizientem Stromverbrauch: bis zu 38 % verbesserte Leistung pro Watt gegenüber 990 PRO
 - Vielseitig einsetzbar bei täglichem Gaming, Arbeiten und kreativen Projekten dank Kompatibilität mit PCIe 4.0
 - SSD-Performance bequem im Blick dank Samsung Magician Software
 - 3 Jahre eingeschränkte Herstellergarantie
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Samsung 990 PCIe 4.0 NVMe M.2 SSD - 1 TB. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: M.2, Lesegeschwindigkeit: 7150 MB/s, Schreibgeschwindigkeit: 6450 MB/s, Komponente für: PC



Merkmale		Merkmale	
NVMe Version	2.0	S.M.A.R.T. Unterstützung	✓
Unterstützte Sicherheitsalgorithmen	256-bit AES, TCG Opal 2.0	TRIM-Unterstützung	✓
SSD Speicherkapazität *	1 TB	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	1500000 h
SSD-Formfaktor *	M.2	Energie	
Schnittstelle *	PCI Express 4.0	Arbeitsspannung	3,3 V
NVMe *	✓	Energieverbrauch (lesen)	4 W
Speichertyp *	V-NAND	Energieverbrauch (schreiben)	3,7 W
Komponente für *	PC	Energieverbrauch (idle)	0,055 W
Hardwareverschlüsselung *	✓	Leistungsaufnahme DevSlp (Geräte Schlaf)	3 mW
M.2 SSD- Größe	2280 (22 x 80 mm)	Gewicht und Abmessungen	
Lesegeschwindigkeit	7150 MB/s	Breite	80,2 mm
Schreibgeschwindigkeit	6450 MB/s	Tiefe	2,38 mm
Zufälliges Lesen (4KB)	700000 IOPS	Höhe	22,1 mm
Zufälliges Schreiben (4KB)	1100000 IOPS	Verpackungsdaten	
PCI-Expressschnittstelle Daten-Lanes	x4	Verpackungsart	Box
DevSlp (Geräteschlaf)-Unterstützung	✓	Betriebsbedingungen	
PCI Express CEM Revision	4.0	Betriebstemperatur	0 - 70 °C
		Stoßfestigkeit in Betrieb	1500 G



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Catalog Object Cloud



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