

Dareest SHOP

Samsung SSD 970 EVO Plus NVMe M.2



✓ Delivery time: 3-4 days

CHF **65.40**

CHF **60.50** excl.

Samsung SSD 970 EVO Plus NVMe M.2 2280 250 GB, Speicherkapazität total: 250 GB, Speicherschnittstelle: PCI-Express x4, SSD Bauhöhe: 2.38 mm, SSD Formfaktor: M.2 2280

Manufacturer	Samsung
EAN	8801643628079
Manufacturer#	MZ-V7S250BW

Description

Dimensionen

SSD Bauhöhe	2.38 mm
SSD Formfaktor	M.2 2280

Datenspeicher

Lesegeschwindigkeit	3500 MB/s
Schreibgeschwindigkeit	3300 MB/s
Datenspeicher Cache	512 MB
NAND Flash	96L V-NAND MLC
4 KB sequential lesen IOPS	250000

4 KB sequential schreiben IOPS	550000
Speichercontroller	Samsung Phoenix Controller
Schnittstellen Standard	NVMe
Speicher	
Speicherkapazität total	250 GB
Anwendungsbereich SSD	Consumer
Allgemein	
M.2 Key Id	Key M
Sicherheit	
Speicherverschlüsselung	256-Bit-AES
Datenanschlüsse	
Speicherschnittstelle	PCI-Express x4

Specification

Product Description	Samsung 970 EVO Plus MZ-V7S250BW - SSD - 250 GB - PCIe 3.0 x4 (NVMe)
Type	Solid state drive - internal
Capacity	250 GB
Hardware Encryption	Yes
Encryption Algorithm	256-bit AES
NAND Flash Memory Type	Triple-level cell (TLC)
Form Factor	M.2 2280
Interface	PCIe 3.0 x4 (NVMe)
Buffer Size	512 MB
Features	TRIM support, Auto Garbage Collection Algorithm, Dynamic Thermal Guard protection, TurboWrite Technology, V-NAND Technology, NVM Express (NVMe) 1.3, Samsung Phoenix Controller, S.M.A.R.T.
Dimensions (WxDxH)	22.15 mm x 80.15 mm x 2.38 mm

Weight	8 g
Manufacturer Warranty	5-year warranty

Techn. Details

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Width	22.15 mm
Depth	80.15 mm
Height	2.38 mm
Weight	8 g
SSD Endurance	150 TB
Internal Data Rate	3500 MBps (read) / 2300 MBps (write)
4KB Random Read	17000 IOPS
4KB Random Write	60000 IOPS
Maximum 4KB	550000 IOPS

Random
Write

Maximum
4KB
Random
Read

250000 IOPS

MTBF 1,500,000 hours

Interfaces PCI Express 3.0 x4 (NVMe) - M.2 Card

Compatible
Bay M.2 2280

Power
Consumption 5 Watt (average) | 8 Watt (maximum) | 30 mW (idle max)

Compliant
Standards IEEE 1667

Service &
Support Limited warranty - 5 years

Min
Operating
Temperature 0 °C

Max
Operating
Temperature 70 °C

Shock
Tolerance
(operating) 1500 g @ 0.5 ms half-sine