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SSD Samsung M.2 250GB 970 EVO Plus MZ-V7S250BW

Šifra: 18962
 Kategorija proizvoda: SSD M.2
 Proizvođač: SAMSUNG

Cena: **8.427,00** din.



General Feature

Application Client PCs

Capacity 250GB (1GB=1 Billion bytes, 1DEMA)*
 Actual usable capacity may be less (due to formatting, partitioning, operating system, applications or otherwise)

Interface PCIe Gen 3.0 x 4, NVMe 1.3
 Dimension (WxHxD) 80.15 x 22.15 x 2.38 (mm)
 Weight Max 8.0 g Weight

Storage Memory Samsung V-NAND 3-bit MLC
 Controller Samsung Phoenix Controller

Cache Memory Samsung 512MB Low Power DDR4 SDRAM

Special Feature

TRIM Support Supported

S.M.A.R.T Support Supported
 GC (Garbage Collection) Auto Garbage Collection Algorithm
 Encryption Support AES 256-bit Encryption (Class 0) TCG/Opal IFFI 667 (Encrypted drive) supported

Device Sleep Mode Support Yes

Performance

Sequential Read Up to 3500 MB/s
 Sequential Write Up to 3000 MB/s
 Random Read IOPS Up to 100,000
 Random Write IOPS Up to 100,000
 Random Read Latency 0.1ms
 Random Write Latency 0.1ms

hardware & configuration

Environment

Average Power Consumption (system level) Average: 5 W * Maximum: 8 W (Burst mode) * Actual power consumption may vary depending on system hardware & configuration*

Power consumption (Idle)
Max. 30 mW * Actual power consumption may vary depending on system hardware & configuration

Access
Instal
Avail

Allowable Voltage
3.3 V ± 5 % Allowable voltage

Reliability (MTBF)
1.5 Million Hours
Reliability (MTBF)

Operating Temperature
0 - 70 °C Operating Temperature

Shock 1,500 G & 0.5 ms (Half sine)

Software

Management SW
Magician Software for SSD management