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

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

Cena: **8.292,00** din.



### General Feature

Application Client PCs

Capacity 250GB (1GB=1 Billion bytes, 1TB=1000 GB)  
 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 67 (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