

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

Šifra: 61944
Kategorija proizvoda: M.2
Proizvođač: Samsung

Cena: **7.970,00** rsd.



General Feature

Application Client PCs

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

Form Factor M.2 (2280)

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 IEEE1667 (Encrypted drive)

WWN Support Not supported

Device Sleep Mode Support

Yes

Performance

Sequential Read

Up to 3,500 MB/s *

Performance may vary based on system hardware & configuration

Sequential Write

Up to 2,300 MB/s *

Performance may vary based on system hardware & configuration

Random Read (4 KB, QD32)

Up to 250,000

IOPS * Performance may vary based on system hardware & configuration

Random Write (4KB, QD32)

Up to 550,000

IOPS * Performance may vary based on system hardware & configuration

Random Read (4 KB, QD1)

Up to 17,000 IOPS *

Performance may vary based on system hardware & configuration

Random Write (4 KB, QD1)

Up to 60,000 IOPS *

Performance may vary based on system 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

Allowable Voltage

3.3 V \pm 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)

Accessories

Installation Kit

Not Available

Software

Management SW
Magician Software for
SSD management