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SSD Samsung M.2 500GB 970 EVO PLUS MZ-V7S500BW

Šifra: 71928

Kategorija proizvoda: SSD diskovi

Proizvođač: Samsung



Cena: 7.118 rsd.

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 Performance

*Sequential Read*Up to

3,500 MB/s *

Performance may vary

based on system

hardware & configuration

*Sequential Write*Up to

3,200 MB/s *

Performance may vary

based on system

hardware & configuration

*Random Read (4 KB, QD32)*Up to 480,000

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 19,000 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

*Random Write (4 KB, QD1)*Up to 60,000 IOPS *

Performance may vary

based on system

hardware & configuration

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

SupportYes

Environment

Average Power

Consumption (system

*level)** Average: 5.8 W *

Maximum: 9 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 ±

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

Accessories