SSD M.2 NVMe Samsung 500GB 970 EVO PLUS 35003300MBs, MZ-V7S500BW

Šifra: 61943
Kategorija prozivoda: M.2
Proizvođač: Samsung

Cena: **8.770,00** rsd.

General Feature

*Application*Client PCs

*Capacity*500GB (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 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

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 ? Operating
Temperature

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

Accessories

*Installation Kit*Not
Available

Software

Management SW
Magician Software for
SSD management

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(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

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