

SSD M.2 NVMe Samsung 500GB 970 EVO PLUS 3500/3300MBs, MZ-V7S500BW

Šifra: 18953
Kategorija proizvoda: SSD
Proizvođač: Samsung

Cena: **8.960,00** 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 SupportNot
supported
Device Sleep Mode
SupportYes

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 $\pm$ 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