

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

Šifra: 120593

Kategorija proizvoda: SSD

Proizvođač: Samsung

MpCena: 9.748,00 rsd.

cena za odloženo plaćanje i kupovinu na rate

Web Cena: 8.124,00 rsd.

cena za web porudžbine i avansno plaćanje



General Feature

Application Client PCs

Capacity 500GB (1GB=1 Billion bytes by IECMA)*
Form factor M.2 (2280)
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

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
Garbage Collection) Auto Garbage Collection Algorithm
Encryption Support AES 256-bit Encryption (Class 0) TCG/Opal
IEEE 1667 (Encrypted drive) supported

Device Sleep Mode Support Yes

Performance

Sequential Read Up to 3500 MB/s
Sequential Write Up to 3300 MB/s
Random Read 100K IOPS
Random Write 100K IOPS

hardware & configuration	<i>Environment</i>		<i>Access</i>
	<i>Average Power Consumption (system level)* Average: 5.8 W * Maximum: 9 W (Burst mode) * Actual power consumption may vary depending on system hardware & configuration</i>	<i>Power consumption (Idle) Max. 30 mW * Actual power consumption may vary depending on system hardware & configuration</i>	<i>Installation Available</i>
		<i>Allowable Voltage</i> 3.3 V ± 5 % Allowable voltage	
		<i>Reliability (MTBF)</i> 1.5 Million Hours <i>Reliability (MTBF)</i>	
		<i>Operating Temperature</i> 0 - 70 °C Operating Temperature	
		<i>Shock</i> 1,500 G & 0.5 ms (Half sine)	
	<i>Software</i>		
	<i>Management SW</i> Magician Software for SSD management		

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

Uvek smo ovde i tako već 20 godina!