

SSD M.2 NVMe SAMSUNG 1TB 970 EVO PLUS, MZ-V7S1T0BW

Šifra: 62915
Kategorija proizvoda: M.2
Proizvođač: Samsung



Cena: **12.140,00** rsd.

General Feature

Application Client PCs

Capacity 1,000GB
(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
1GB 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
SupportYes

Performance

Sequential Read
Up to 3,500 MB/s *
Performance may vary
based on system
hardware & configuration

Sequential Write
Up to 3,300 MB/s *
Performance may vary
based on system
hardware & configuration

*Random Read (4KB,
QD32)*Up to 600,000
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 (4KB,
QD1)*Up to 19,000 IOPS *
Performance may vary
based on system
hardware & configuration

*Random Write (4KB,
QD1)*Up to 60,000 IOPS *
Performance may vary
based on system
hardware & configuration

Environment

*Average Power
Consumption (system
level)** Average: 6 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)

Accessories

*Installation Kit*Not
Available

Software

Management SW
Magician Software for
SSD management