

SSD M.2 NVMe 2TB Samsung 970 Evo Plus, 35003300MBs MZ-V7S2T0BW

Šifra: 61942

Kategorija proizvoda: M.2

Proizvođač: Samsung

Cena: **23.900,00** rsd.



Product Type

NVMe SSD

Storage Type

Internal

Interface

PCIe Gen 3.0 x4, NVMe 1.3

Read/Write Speeds

3,500/3,300 MB/s

Usage Application

Client PCs

Series

970 EVO Plus

Application

Consumer

Yes

Storage

Capacity

2,000GB (1GB=1 Billion byte by IDEMA) * Actual usable capacity may be less (due to formatting, partitioning, operating system, applications or otherwise)

Key Features

Sequential Read Speed

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

Sequential Write Speed

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

Random Read Speed

Random Read (4KB, QD32): Up to 620,000 IOPS;
Random Read (4KB, QD1): Up to 19,000 IOPS *
Performance may vary based on system hardware & configuration

Random Write Speed

Random Write (4KB, QD32): Up to 560,000 IOPS;
Random Write (4KB, QD1): Up to 62,000 IOPS *
Performance may vary based on system hardware & configuration

Controller

In-house

NAND Flash

Samsung V-NAND 3-bit MLC

Cache Memory

Samsung 2GB Low Power DDR4 SDRAM

Trim Support

Supported

AES Encryption

AES 256-bit Encryption (Class 0)TCG/Opal IEEE1667
(Encrypted drive)

Security

AES 256-bit Full Disk Encryption, TCG/Opal V2.0,
Encrypted Drive (IEEE1667)

S.M.A.R.T. Support

Supported

GC (Garbage Collection)

Auto Garbage Collection Algorithm

WWN Support

Not supported

Device Sleep Mode Support

Yes

Internal Storage

Samsung V-NAND 3-bit MLC

Temperature proof

Yes

NVMe

Yes

Gaming SSDs

Yes

M.2 2280

Yes

General

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

Voltage

3.3 V \pm 5 % Allowable voltage

Reliability (MTBF)

1.5 Million Hours Reliability (MTBF)

Environmental Specs

Operating Temperature

0 - 70 °C Operating Temperature

Shock

1,500 G & 0.5 ms (Half sine)

Form Factor

Product

M.2 (2280)

Dimensions (W x H x D)

Product

3.16" x 0.87" x 0.09"

Weight

Product

0.3 oz.

Software

Management SW

Magician Software for SSD management