

## SSD M.2 NVMe 1TB Samsung 990 PRO, 74506900MBs MZ-V9P1T0BW

Šifra: 62533

Kategorija prozivoda: M.2

Proizvođač: Samsung



Cena: **13.930,00** rsd.

### General Feature

**Application** Client PCs, Game Consoles

**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 4.0 x4, NVMe 2.0

**Dimension (Pack: WxHxD)** 80 x 22 x 2.3 mm

**Weight** Max 9.0g Weight

**Storage Memory** Samsung V-NAND 3-bit MLC

**Controller** Samsung in-house 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

**WWN Support**Not supported

**Device Sleep Mode Support**Yes

## Performance

**Sequential Read**Up to 7,450 MB/s \* Performance may vary based on system hardware & configuration

**Sequential Write**Up to 6,900 MB/s \* Performance may vary based on system hardware & configuration

**Random Read (4KB, QD32)**Up to 1,200,000 IOPS \*  
Performance may vary based on system hardware & configuration

**Random Write (4KB, QD32)**Up to 1,550,000 IOPS \*  
Performance may vary based on system hardware & configuration

**Random Read (4KB, QD1)**Up to 22,000 IOPS \*  
Performance may vary based on system hardware & configuration

**Random Write (4KB, QD1)**Up to 80,000 IOPS \*  
Performance may vary based on system hardware & configuration

## Environment

**Average Power Consumption (system level)**  
\*Average: 5.4 W\*Maximum: 7.8 W (Burst mode)\* Actual power consumption may vary depending on system hardware & configuration

**Power consumption (Idle)**Max. 50 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