

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

Šifra: 89512
Kategorija proizvoda: SSD DISKOVI
Proizvođač: SANDBERG



Cena: 29.490,00 rsd

General Feature

Application Client PCs, Game Consoles

Form Factor M.2 (2280)

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

Storage Memory Samsung V-NAND 3-bit MLC

Cache Memory Samsung 1GB Low Power DDR4 SDRAM

Special Feature

TRIM Support Supported

GC (Garbage Collection) Auto Garbage Collection Algorithm

WWN Support Not supported

Performance

Sequential Read Up to 7,450 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 Read (4KB, QD1) Up to 22,000 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

Allowable Voltage 3.3 V ± 5 % Allowable voltage

Operating Temperature 0 - 70 °C Operating Temperature

Accessories

Installation Kit Not Available

Software

Management SW Magician Software for SSD management

General Feature

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

Interface PCIe Gen 4.0 x4, NVMe 2.0

Weight Max 9.0g Weight

Controller Samsung in-house Controller

S.M.A.R.T Support Supported

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

Device Sleep Mode Support Yes

Sequential Write Up to 6,900 MB/s * 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 Write (4KB, QD1) Up to 80,000 IOPS * Performance may vary based on system hardware & configuration

Power consumption (Idle) Max. 50 mW * Actual power consumption may vary depending on system hardware & configuration

Reliability (MTBF) 1.5 Million Hours Reliability (MTBF)

Shock 1,500 G & 0.5 ms (Half sine)

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