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SSD M.2 NVMe 1TB Samsung 990 PRO, 7450/6900MBs MZ-V9P1T0BW

Šifra: 2197
Kategorija prozivoda: SSD
Proizvođač: Samsung



Cena: 30.867,00 rsd.

General Feature

ApplicationClient PCs, Game Consoles
Form FactorM.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
Capacity1,000GB (1GB=1 Billion byte by IDEMA) * Actual usable capacity may be less (due to formatting, partitioning, operating system, applications or otherwise)
InterfacePCIe Gen 4.0 x4, NVMe 2.0
WeightMax 9.0g Weight
ControllerSamsung in-house Controller

Special Feature

TRIM Support Supported
GC (Garbage Collection) Auto Garbage Collection Algorithm
WWN Support Not supported
S.M.A.R.T Support Supported
Encryption SupportAES 256-bit Encryption (Class 0)TCG/Opal IEEE1667 (Encrypted drive)
Device Sleep Mode Support Yes

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
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

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 Voltage3.3 V ± 5 % Allowable voltage
Operating Temperature0 - 70 ? Operating Temperature
Power consumption (Idle) Max. 50 mW * Actual power consumption may vary depending on system hardware & configuration
Reliability (MTBF)1.5 Million Hours Reliability (MTBF)
Shock1,500 G & 0.5 ms (Half sine)

Accessories

Installation Kit Not Available

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.