

SSD Samsung 1TB 870 QVO MZ-77Q1T0BW

Šifra: 970

Kategorija proizvoda: SSD diskovi

Proizvođač: Samsung

Cena: **10.828,00** rsd.



General Feature

Application Client PCs

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

Interface SATA 6 Gb/s
Interface compatible with SATA 3 Gb/s
Dimension (W x H x D) 100 x 69.85 x 6.8 (mm)
SATA 1.5 Gb/s interface

Weight Apporx. 46.0g
Weight

Storage Memory Samsung V-NAND 4bit MLC
Controller Samsung MKX Controller

Cache Memory Samsung 1 GB Low Power DDR4 SDRAM

Special Feature

TRIM Support TRIM Supported

S.M.A.R.T Support S.M.A.R.T Supported
GC (Garbage Collection) Algorithm Auto Garbage Collection
Encryption Support AES 256-bit Encryption (Class 0), TCG/Opal, IEEE 1667 (Encrypted Write) Name supported

Device Sleep Mode Support Yes

Performance

Sequence Up to
Sequential Performance based on hardware configuration

activated

Random Write (4KB, QD1) Up to 35,000 IOPS
Random Write *
Performance may vary based on system hardware & configuration **
Measured with Intelligent TurboWrite technology being activated

Environment

Average Power Consumption (system level) Average: 2.2 W
Maximum: 4.0 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

Accessories

Installation
Availability

Allowable Voltage
5V ± 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)

Software

Management SW
Magician Software for SSD management