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SSD Samsung 1TB 870 QVO MZ-77Q1T0BW

Šifra: 21135
 Kategorija proizvoda: SSD
 Proizvođač: SAMSUNG

Cena: **11.521,00** din.



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 & 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 6967 (Enterprise Wide Name supported)

Device Sleep Mode Support Yes

Performance

Sequential Read Up to 550 MB/s
Sequential Write Perform based on hardw config

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