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## SSD Samsung 1TB 870 QVO MZ-77Q1T0BW

Šifra: 163  
Kategorija proizvoda: SSD  
Proizvođač: SAMSUNG

Cena: **10.070,00** rsd.



### General Feature

*Application* Client PCs

*Capacity* 1,000 GB (1 TB = 1 Billion byte 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, IEEE1667 (Encrypted Wide Name supported)

*Device Sleep Mode Support* Yes

### Performance

*Sequential Read* Up to 550 MB/s  
*Sequential Write* Perform 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