

## SSD Samsung 2TB 870 QVO MZ-77Q2T0BW

Šifra: 61938

Kategorija prozivoda: SATA SSD

Proizvođač: Samsung

Cena: **20.320,00** rsd.



### Application Client PCs

**Capacity** 2,000 GB (1 GB=1 Billion byte by IDEMA) \*  
Actual usable capacity may be less (due to formatting, partitioning, operating system, applications or otherwise)

**Form Factor** 2.5 inch

**Interface** SATA 6 Gb/s Interface, compatible with SATA

3 Gb/s & SATA 1.5 Gb/s interface

**Dimension (WxHxD)**100 X 69.85 X 6.8 (mm)

**Weight**Approx. 46.0g Weight

**Storage Memory**Samsung V-NAND 4bit MLC

**Controller**Samsung MKX Controller

**Cache Memory**Samsung 2 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)** Auto Garbage Collection Algorithm

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

**WWN Support** World Wide Name supported

**Device Sleep Mode Support** Yes

## Performance

**Sequential Read** Up to 560 MB/s Sequential Read \*  
Performance may vary based on system hardware & configuration

**Sequential Write** Up to 530 MB/s Sequential Write \*  
Performance may vary based on system hardware & configuration \*\* Measured with Intelligent TurboWrite technology being activated

**Random Read (4KB, QD32)** Up to 98,000 IOPS  
Random Read \* Performance may vary based on system hardware & configuration \*\* Measured with Intelligent TurboWrite technology being activated

**Random Write (4KB, QD32)**Up to 88,000 IOPS  
Random Write \* Performance may vary based on system hardware & configuration \*\* Measured with Intelligent TurboWrite technology being activated

**Random Read (4KB, QD1)**Up to 11,000 IOPS Random Read \* Performance may vary based on system hardware & configuration \*\* Measured with Intelligent TurboWrite technology being 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: 3.0 W \*Maximum: 5.0 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

**Allowable Voltage**5V ± 5% Allowable voltage

**Reliability (MTBF)**1.5 Million Hours Reliability (MTBF)

**Operating Temperature**0 - 70 ° Operating Temperature

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

**Accessories**

**Installation Kit**Not Available

## **Software**

**Management SW**Magician Software for SSD management