

## SSD 2.5" SATA 4TB Samsung 870 QVO 560530MBs, MZ-77Q4T0BW

Šifra: 61923

Kategorija proizvoda: SATA SSD

Proizvođač: Samsung

Cena: **41.110,00** rsd.



### General Feature

*Application*Client PCs

*Capacity*4,000 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*Apporx. 54.0g  
Weight

*Storage Memory*  
Samsung V-NAND 4bit MLC

*Controller*Samsung MKX Controller

*Cache Memory*Samsung  
4 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  
SupportYes

## 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

level)Average: 3.2 W

\*Maximum: 5.5 W (Burst mode)\* Actual power consumption may vary depending on system hardware & configuration

*Power consumption (Idle)*

Max. 35 mW \* Actual power consumption may vary depending on system hardware & configuration

*Allowable Voltage*

5V  $\pm$  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