

**SSD 2.5" SATA 1TB SAMSUNG 870 QVO 560/530MBS, MZ-77Q1T0BW**

Naziv: SSD 2.5" SATA 1TB SAMSUNG 870 QVO 560/530MBS, MZ-77Q1T0BW

Slika:



Šifra: #BM366041726045900117

Barkod: 8806090396038

Proizvođač: SAMSUNG

**Detalji**

Kategorija: SSD

Oznake:

Atributi:

**Cena**

Cena sa PDV: 15,990.00 RSD \*WEB CENA  
17,589.00 RSD \*Cena za odloženo web plaćanje

**Ostalo**

- Opis:
- **General Feature**
    - *Application* Client PCs
    - *Capacity* 1,000 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. 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)* 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: 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
  - *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)
- *Accessories*
  - *Installation Kit* Not Available
- *Software*
  - *Management SW* Magician Software for SSD management