

SSD 2.5" SATA 1TB Samsung 870 QVO
560530MBs, MZ-77Q1T0BW

Šifra: 62689

Kategorija proizvoda: SATA SSD

Proizvođač: Samsung

Cena: **11.730,00** rsd.



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 SupportWorld
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

*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 \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