

SSD Samsung 2TB 870 QVO MZ-77Q2T0BW

Šifra: 61938

Kategorija proizvoda: SATA SSD

Proizvođač: Samsung

Cena: **21.790,00** 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 Apporx. 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 SupportTRIM Supported

S.M.A.R.T SupportS.M.A.R.T Supported

GC (Garbage Collection)Auto Garbage Collection
Algorithm

Encryption SupportAES 256-bit Encryption (Class
0),TCG/Opal, IEEE1667 (Encrypted drive)

WWN SupportWorld Wide Name supported

Device Sleep Mode SupportYes

Performance

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

Sequential WriteUp 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 Voltage5V \pm 5% Allowable voltage

Reliability (MTBF)1.5 Million Hours Reliability (MTBF)

Operating Temperature0 - 70 ° Operating Temperature

Shock1,500 G & 0.5 ms (Half sine)

Accessories

Installation KitNot Available

Software

Management SWMagician Software for SSD
management