

## Samsung MZ-77Q2T0 2.5" 2 TB Serial ATA III V-NAND MLC

**Brand :** Samsung

**Product code:** MZ-77Q2T0BW

**Product name :** MZ-77Q2T0

- 2.5 inch
  - SATA 6 Gb/s Interface, compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface
  - Samsung V-NAND 4bit MLC
  - Up to 560 MB/s Sequential Read Performance may vary based on system
  - Up to 530 MB/s Sequential Write Performance may vary based on system
- 2 TB SATA III, 2.5", V-NAND MLC, 560/530 MB/s  
 Samsung MZ-77Q2T0. SSD capacity: 2 TB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 530 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC/Laptop

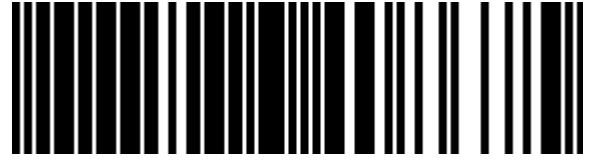


Features	
Security algorithms	256-bit AES
SSD form factor *	2.5"
SSD capacity *	2 TB
Interface *	Serial ATA III
Memory type *	V-NAND MLC
Component for *	PC/Laptop
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	560 MB/s
Write speed	530 MB/s
Random read (4KB)	98000 IOPS
Random write (4KB)	88000 IOPS
Controller type	Samsung MKX
S.M.A.R.T. support	✓
TRIM support	✓

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	5 V
Power consumption (max)	4 W
Power consumption (average)	2.2 W
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Weight & dimensions	
Width	69.8 mm
Depth	100 mm
Height	6.8 mm
Weight	46 g
Logistics data	
Harmonized System (HS) code	84717070



8806090396007



0887276408675



887276408675

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.