## Samsung MZ-77Q1T0 1 TB 2.5" Serial ATA III QLC

Brand : Samsung Product code: MZ-77Q1T0BW

**Product name:** MZ-77Q1T0

- 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

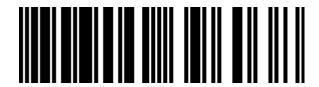
MZ-77Q1T0BW

Samsung MZ-77Q1T0. SSD capacity: 1 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		Features	
Security algorithms SSD capacity *	D capacity * 1 TB D form factor * 2.5"  erface * Serial ATA III  mory type * QLC  mponent for * PC/Laptop	Mean time between failures (MTBF)	1500000 h
		Power	
Interface * Memory type *		Operating voltage Power consumption (max) Power consumption (average)	5 V 4 W 2.2 W
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		Weight & dimensions	
	•	Width Depth	69.8 mm 100 mm
	·	Height Weight	6.8 mm 46 g
		Operational conditions	
	✓	Operating temperature (T-T) Operating shock	0 - 70 °C 1500 G
		Logistics data	
		Harmonized System (HS) code	84717070



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