SAMSUNG

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

Brand : Samsung Product code: MZ-77Q1T0BW

Product name: MZ-77Q1T0

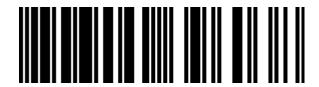
- 2.5 inch
- SATA 6 Gb/s Interface, compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface
- Samsung V-NAND 4bit MLC
- Up to 560 MB/s Sequential Read Performance may vary based on system
- Up to 530 MB/s Sequential Write Performance may vary based on system
- 1 TB SATA III, 2.5", QLC, 560/530 MB/s

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 form factor * SSD conscity *	2.5" 2 capacity * 2.5" 2 rface * Serial ATA III 2 capacity * QLC	Mean time between failures (MTBF)	1500000 h
		Power	
Interface * Memory type * Component for *		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	✓ ✓	Operational conditions	
	Operating temperature (T-T) Operating shock	0 - 70 °C 1500 G	
Write speed Random read (4KB)	530 MB/s 98000 IOPS	Weight & dimensions Width	69.8 mm
Random write (4KB) Controller type S.M.A.R.T. support TRIM support **TRIM support** **TRIM suppor		Depth Height Weight	100 mm 6.8 mm 46 g
	*	Logistics data	
		Harmonized System (HS) code	84717070



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