

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

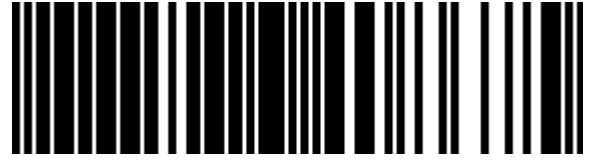


Features	
Security algorithms	256-bit AES
SSD form factor *	2.5"
SSD capacity *	2 TB
Interface *	Serial ATA III
Memory type *	V-NAND MLC
Component for *	PC/Laptop
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	560 MB/s
Write speed	530 MB/s
Random read (4KB)	98000 IOPS
Random write (4KB)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



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