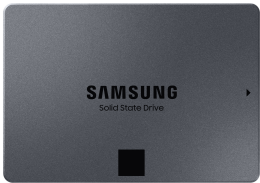


Samsung MZ-77Q2T0 2 TB 2.5" Serial ATA III V-NAND MLC

Brand : Samsung  
Product code: MZ-77Q2T0BW  
Product name : MZ-77Q2T0

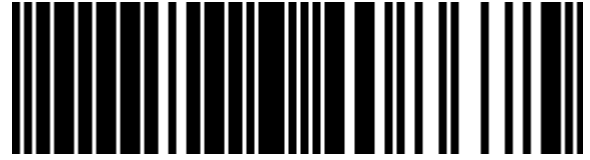


- 2.5 inch
  - SATA 6 Gb/s Interface, compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface
  - Samsung V-NAND 4bit MLC
  - Up to 560 MB/s Sequential Read Performance may vary based on system
  - Up to 530 MB/s Sequential Write Performance may vary based on system
- 2 TB SATA III, 2.5", V-NAND MLC, 560/530 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		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	1500000 h
SSD capacity *	2 TB	Power	
SSD form factor *	2.5"	Operating voltage	5 V
Interface *	Serial ATA III	Power consumption (max)	4 W
Memory type *	V-NAND MLC	Power consumption (average)	2.2 W
Component for *	PC/Laptop	Weight & dimensions	
Hardware encryption *	✓	Width	69.8 mm
Data transfer rate	6 Gbit/s	Depth	100 mm
Read speed	560 MB/s	Height	6.8 mm
Write speed	530 MB/s	Weight	46 g
Random read (4KB)	98000 IOPS	Operational conditions	
Random write (4KB)	88000 IOPS	Operating temperature (T-T)	0 - 70 °C
Controller type	Samsung MKX	Operating shock	1500 G
S.M.A.R.T. support	✓	Logistics data	
TRIM support	✓	Harmonized System (HS) code	84717070



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