SAMSUNG

Samsung MZ-77Q8T0 8 TB 2.5" Serial ATA III V-NAND MLC



Brand : Samsung

Product code: MZ-77Q8T0BW

Product name : MZ-77Q8T0

- Samsung 34' Ultra-wide Curved Monitor via redemption. T&Cs apply
- Samsung latest 2nd gen V-NAND flash technology
- Up to 560 MB/s read and 530 MB/s write speeds

MZ-77Q8T0BW
Samsung MZ-77Q8T0. SSD capacity: 8 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



Features	
Security algorithms	256-bit AES
SSD capacity *	8 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	V-NAND MLC
Component for *	PC
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
DevSlp (device sleep) support	✓
S.M.A.R.T. support	✓

Features	
TRIM support	✓
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	5 V
Power consumption (max)	5.5 W
Power consumption (average)	3.3 W
Power consumption (idle)	0.045 W
Weight & dimensions	
Width	100 mm
Depth	69.8 mm
Height	6.8 mm
Weight	57 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Logistics data	
Harmonized System (HS) code	84717070

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