



Samsung 870 EVO 2.5" 2 TB Serial ATA III V-NAND MLC

Brand : Samsung

Product code: MZ-77E2T0BW

Product name : 870 EVO

2 TB, SATA III, 2.5", V-NAND 3bit MLC

Samsung 870 EVO. 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



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
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
S.M.A.R.T. support	✓
TRIM support	✓

Features

Mean time between failures (MTBF)	1500000 h
TBW rating	2400

Power

Operating voltage	5 V
Power consumption (max)	3.5 W
Power consumption (average)	2.2 W
Power consumption (idle)	0.03 W

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G

Weight & dimensions

Width	100 mm
Depth	6.8 mm
Height	69.8 mm
Weight	45 g



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