

Samsung 860 PRO 2.5" 1 TB Serial ATA III 3D MLC

Brand : Samsung

Product code: MZ-76P1T0BW

Product name : 860 PRO

860 Pro, 1TB, 2.5", SATA 6GB/s, 3D V-NAND

Samsung 860 PRO. 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		Power	
NAND flash type	MLC (Multi Level Cell)	Power consumption (write)	2.2 W
Security algorithms	256-bit AES	Power consumption (max)	4.5 W
SSD form factor *	2.5"	Operational conditions	
SSD capacity *	1 TB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA III	Storage temperature (T-T)	-45 - 85 °C
Memory type *	3D MLC	Operating relative humidity (H-H)	5 - 95%
Component for *	PC/Laptop	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Non-operating vibration	20 G
Read speed	560 MB/s	Operating shock	1500 G
Write speed	530 MB/s	Non-operating shock	1500 G
Controller type	Samsung MJX	Weight & dimensions	
DevSlp (device sleep) support	✓	Width	100 mm
S.M.A.R.T. support	✓	Depth	6.8 mm
TRIM support	✓	Height	69.8 mm
Mean time between failures (MTBF)	2000000 h	Packaging data	
Power		Package type	Box
Power consumption (read)	2.2 W	Other features	
		Product colour	Black



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