

Samsung 860 PRO 2.5" 256 GB Serial ATA III 3D MLC

Brand : Samsung

Product code: MZ-76P256BW

Product name : 860 PRO

860 Pro, 256GB, 2.5", SATA 6GB/s, 3D V-NAND

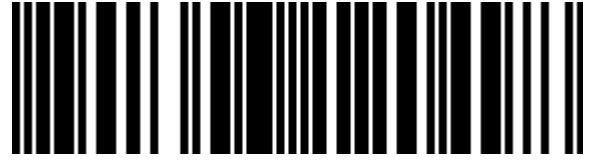
Samsung 860 PRO. SSD capacity: 256 GB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 530 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC/Laptop



Features		Operational conditions	
NAND flash type	MLC (Multi Level Cell)	Operating temperature (T-T)	0 - 70 °C
Security algorithms	256-bit AES	Storage temperature (T-T)	-45 - 85 °C
SSD form factor *	2.5"	Operating relative humidity (H-H)	5 - 95%
SSD capacity *	256 GB	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Non-operating vibration	20 G
Memory type *	3D MLC	Operating shock	1500 G
Component for *	PC/Laptop	Non-operating shock	1500 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	560 MB/s	Width	100 mm
Write speed	530 MB/s	Depth	6.8 mm
Controller type	Samsung MJX	Height	69.8 mm
DevSlp (device sleep) support	✓	Weight	50 g
S.M.A.R.T. support	✓	Packaging data	
TRIM support	✓	Package type	Box
Mean time between failures (MTBF)	2000000 h	Logistics data	
Power		Harmonized System (HS) code	84717070
Power consumption (read)	2 W	Other features	
Power consumption (write)	2 W	Product colour	Black
Power consumption (max)	4.5 W		



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