

Samsung PM863 2.5" 960 GB Serial ATA III

Brand : Samsung

Product code: MZ7LM960HCHP-00003

Product name : PM863

SSD, 960GB, Samsung 2,5", 6.3cm, SATAIII, PM863

Samsung PM863. SSD capacity: 960 GB, SSD form factor: 2.5", Read speed: 520 MB/s, Write speed: 475 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (write)	3.8 W
SSD form factor *	2.5"	Operational conditions	
SSD capacity *	960 GB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA III	Storage temperature (T-T)	-40 - 85 °C
Data transfer rate	6 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Read speed	520 MB/s	Operating vibration	1500 G
Write speed	475 MB/s	Operating shock	1500 G
Random read (4KB)	99000 IOPS	Weight & dimensions	
Random write (4KB)	18000 IOPS	Width	100.2 mm
ECC	✓	Depth	6.8 mm
End-to-End Data Protection	✓	Height	69.8 mm
Mean time between failures (MTBF)	2000000 h	Other features	
Power		Product colour	Black
Operating voltage	5 V	Internal	✓

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