

## Samsung SM863 2.5" 960 GB Serial ATA III

**Brand :** Samsung

**Product code:** MZ7KM960HAHP

**Product name :** SM863

SM863, 2.5", 960 GB, Serial ATA 6.0 Gbps, 520/485 MB/s R/W

Samsung SM863. SSD capacity: 960 GB, SSD form factor: 2.5", Read speed: 520 MB/s, Write speed: 485 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
SSD form factor *	2.5"	Operating relative humidity (H-H)	5 - 95%
SSD capacity *	960 GB	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Operating shock	1500 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	520 MB/s	Width	100 mm
Write speed	485 MB/s	Depth	9.9 mm
Random read (4KB)	97000 IOPS	Height	70.1 mm
Random write (4KB)	28000 IOPS	Weight	63.5 g
Mean time between failures (MTBF)	2000000 h	Packaging data	
Power		Quick start guide	✓
Operating voltage	5 V	Package width	241 mm
Power consumption (read)	2.2 W	Package depth	188.9 mm
Power consumption (write)	2.9 W	Package height	187.9 mm
Operational conditions		Package weight	712 g
Operating temperature (T-T)	0 - 70 °C	Package type	Box
Storage temperature (T-T)	-40 - 85 °C	Other features	
		Product colour	Black

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