

## Samsung SM863 2.5" 960 GB Serial ATA III

**Brand :** Samsung

**Product code:** MZ7KM960HAHP-00005

**Product name :** SM863

SSD, 960GB, Samsung 2,5", 6.3cm, SATAIII, SM863

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	
Security algorithms	256-bit AES	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	2.5"	Storage temperature (T-T)	-40 - 85 °C
SSD capacity *	960 GB	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA III	Operating vibration	1500 G
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	520 MB/s	Weight & dimensions	
Write speed	485 MB/s	Width	100.2 mm
Random read (4KB)	97000 IOPS	Depth	6.8 mm
Random write (4KB)	28000 IOPS	Height	69.8 mm
Power		Other features	
Operating voltage	5 V	Product colour	Black
Power consumption (write)	2.9 W	Internal	✓

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