

## Samsung SV843 2.5" 960 GB Serial ATA III

**Brand :** Samsung

**Product code:** MZ7WD960HMHP-00003

**Product name :** SV843

960GB, SATA III, 6Gb/s, 2.5"

Samsung SV843. SSD capacity: 960 GB, SSD form factor: 2.5", Read speed: 530 MB/s, Write speed: 430 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (idle)	1 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
Hardware encryption *	✓	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Read speed	530 MB/s	Weight & dimensions	
Write speed	430 MB/s	Width	100 mm
Random read (4KB)	89000 IOPS	Depth	70 mm
Random write (4KB)	14000 IOPS	Height	7 mm
Read latency	170 µs	Weight	62 g
Write latency	3 µs	Other features	
Mean time between failures (MTBF)	2000000 h	Product colour	Black
		Internal	✓
		Connector(s)	SFF-8223

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