

## Samsung MZMPC256HBGJ-00000 internal solid state drive 2.5" 256 GB Serial ATA MLC

**Brand :** Samsung

**Product code:** MZMPC256HBGJ-00000

**Product name :** MZMPC256HBGJ-00000

SATA 6Gb/s, 256GB, MLC, read up 500 MB/s, write up 260 MB/s, 512 B/sector

Samsung MZMPC256HBGJ-00000 internal solid state drive 2.5" 256 GB Serial ATA MLC:

The N SSD(Nand based Solid State Drive) of Samsung Electronics fully consists of semiconductor devices using NAND Flash Memory which provide high reliability and high performance for a storage media. The N SSD doesn't have any moving parts such as platter(disk) and head media, which provides a better solution in a notebook PC and Tablet PC for a storage device providing higher performance, reduced latencies, and a low power consumption in a small form factor. The N SSD could also provide rugged features in industrial PC with an extreme environment with a high MTBF.

For easy adoption, the N SSD has the same host interface with Hard Disk Drives and has a same physical dimension.

Samsung MZMPC256HBGJ-00000. SSD capacity: 256 GB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 260 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
SSD form factor *	2.5"	Operating temperature (T-T)	0 - 70 °C
SSD capacity *	256 GB	Storage temperature (T-T)	-55 - 95 °C
Interface *	Serial ATA	Operating relative humidity (H-H)	5 - 95%
Memory type *	MLC	Operating shock	150 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	500 MB/s	Width	29.9 mm
Write speed	260 MB/s	Depth	50.8 mm
Bytes per sector	512	Height	3.75 mm
Native Command Queuing (NCQ)	✓	Weight	8 g
Mean time between failures (MTBF)	1500000 h	Other features	
Power		Product colour	Black
Power consumption	911 mA	Internal	✓

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Publication date: 20-OCT-2023. Prints or copies of Information are only valid on the printed Publication date