

## Samsung MZMPC064HBDR-00000 internal solid state drive 2.5" 64 GB Serial ATA MLC

**Brand :** Samsung

**Product code:** MZMPC064HBDR-00000

**Product name :** MZMPC064HBDR-00000

SATA 6Gb/s, 64GB, MLC, read up 500 MB/s, write up 170 MB/s, 512 B/sector

Samsung MZMPC064HBDR-00000 internal solid state drive 2.5" 64 GB Serial ATA MLC:

The NSSD(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 NSSD 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 NSSD could also provide rugged features in industrial PC with an extreme environment with a high MTBF.

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

Samsung MZMPC064HBDR-00000. SSD capacity: 64 GB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 170 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 *	64 GB	Operating shock	150 G
Interface *	Serial ATA	Weight & dimensions	
Memory type *	MLC	Width	29.9 mm
Data transfer rate	6 Gbit/s	Depth	50.8 mm
Read speed	500 MB/s	Height	3.75 mm
Write speed	170 MB/s	Weight	8 g
Bytes per sector	512	Other features	
Native Command Queuing (NCQ)	✓	Product colour	Black
Mean time between failures (MTBF)	1500000 h	Internal	✓
Operational conditions		Host transfer rate	600 MB/s
Operating temperature (T-T)	0 - 70 °C	Connector(s)	PCIe
Storage temperature (T-T)	-55 - 95 °C	Connectivity technology	Wired

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