



## Samsung MCCOE64G8MPP-0VA internal solid state drive 1.8" 64 GB Serial ATA



**Brand :** Samsung

**Product code:** MCCOE64G8MPP-0VA

**Product name :** MCCOE64G8MPP-0VA

MCCOE64G8MPP-0VA - SSD 1.8", 64GB, SATA 3.0GB/s

[Samsung MCCOE64G8MPP-0VA internal solid state drive 1.8" 64 GB Serial ATA:](#)

what is NAND Flash based SSD?

The Flash SSD(Nand Flash-based Solid State Drive) of SAMSUNG Electronics is fully consist of semiconductor device and using NAND Flash Memory which has a high reliability and a high technology for a storage media. As the Flash SSD doesn't have a moving parts such as platter(Disk) and head media, it gives a good solution in a sub. note PC and Tablet PC for a storage device with a high performance, low power consumption and a small form factor. Also it gives rugged features in industrial PC with an extreme environment and an increased MTBF.

For an easy adoption, the Flash SSD has a same host interface with HDD and has a same physical dimension.

- No Mechanical Moving Parts.

- One Chip controller suitable for Low Power.

Samsung MCCOE64G8MPP-0VA. SSD capacity: 64 GB, SSD form factor: 1.8", Read speed: 100 MB/s, Write speed: 80 MB/s, Data transfer rate: 3 Gbit/s

Features		Power	
SSD form factor *	1.8"	Power consumption (sleep)	0.2 W
SSD capacity *	64 GB	<b>Operational conditions</b>	
Interface *	Serial ATA	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	3 Gbit/s	Storage temperature (T-T)	-55 - 95 °C
Read speed	100 MB/s	Storage relative humidity (H-H)	90 - 98%
Write speed	80 MB/s	Operating shock	1500 G
Bytes per sector	512	Non-operating shock	1500 G
S.M.A.R.T. support	✓	<b>Weight &amp; dimensions</b>	
Mean time between failures (MTBF)	2000000 h	Width	54 mm
<b>Power</b>		Depth	78.5 mm
Operating voltage	3.3 V	Height	5 mm
Power consumption (read)	0.5 W	Weight	40 g
Power consumption (write)	0.35 W	<b>Other features</b>	
Power consumption (standby)	0.2 W	Host transfer rate	300 MB/s

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