

Samsung EcoGreen PM800 - 2.5" SATA 3.0Gb/s MLC SSD 256GB 2.5" Serial ATA

Brand : Samsung

Product family: EcoGreen

Product code:
MMDOE56G5MXP-0VB



Product name : PM800 - 2.5"
SATA 3.0Gb/s MLC SSD 256GB

PM800 - 2.5" SATA 3.0Gb/s MLC SSD 256GB, MTBF: 1000000h, 84g

[Samsung EcoGreen PM800 - 2.5" SATA 3.0Gb/s MLC SSD 256GB 2.5" Serial ATA:](#)

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 EcoGreen PM800 - 2.5" SATA 3.0Gb/s MLC SSD 256GB. HDD size: 2.5", HDD capacity: 256 GB

Features		Weight & dimensions	
HDD size *	2.5"	Width	69.8 mm
HDD capacity *	256 GB	Height	9.5 mm
Interface *	Serial ATA	Depth	100 mm
Write speed	185 MB/s	Weight	84 g
Read speed	320 MB/s	Other features	
Mean time between failures (MTBF)	1000000 h	Ethernet LAN	✗
Power		Dimensions (WxDxH)	69.85 x 100 x 9.5 mm
Power consumption (typical)	0.26 W	Product colour	Stainless steel
Power consumption (standby)	0.15 W	Internal	✓
Operating voltage	5 V	Data transfer rate	3 Gbit/s
Operational conditions		USB powered	✗
Operating temperature (T-T)	0 - 70 °C	Drive device, transfer rate	300 MB/s
Storage temperature (T-T)	-55 - 95 °C	Plug and Play	✓
Non-operating shock	1500 G	eSATA	✓
		FireWire 400	✗
		FireWire 800	✗
		Fibre Channel	✗

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