

Samsung SM863a 2.5" 480 GB Serial ATA III MLC

Brand : Samsung

Product code: MZ-7KM480NE

Product name : SM863a

Enterprise SSD SM863a SATA 480GB for Business

Samsung SM863a. SSD capacity: 480 GB, SSD form factor: 2.5", Read speed: 510 MB/s, Write speed: 485 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation



Features		Power	
SSD form factor *	2.5"	Operating voltage	5 V
SSD capacity *	480 GB	Power consumption (read)	2.3 W
Interface *	Serial ATA III	Power consumption (write)	2.8 W
Memory type *	MLC	Operational conditions	
NVMe *	✗	Operating temperature (T-T)	0 - 70 °C
Component for *	Server/workstation	Storage temperature (T-T)	-40 - 85 °C
Data transfer rate	6 Gbit/s	Operating relative humidity (H-H)	5 - 95%
Read speed	510 MB/s	Storage relative humidity (H-H)	5 - 95%
Write speed	485 MB/s	Operating shock	1500 G
Random read (4KB)	95000 IOPS	Non-operating shock	1500 G
Random write (4KB)	19000 IOPS	Weight & dimensions	
Random read (8KB)	55000 IOPS	Weight	58.9 g
Random write (8KB)	9000 IOPS	Other features	
S.M.A.R.T. support	✓	Product colour	Black
Mean time between failures (MTBF)	2000000 h		

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