

Samsung 845DC Pro 2.5" 800 GB Serial ATA III MLC

Brand : Samsung

Product code: MZ-7WD800

Product name : 845DC Pro

800GB, 2.5", SATA 6Gb/s, 530/460 MB/s, 1GB, 92k/51k IOPS, 65g, Black
 Samsung 845DC Pro. SSD capacity: 800 GB, SSD form factor: 2.5", Read speed: 530 MB/s, Write speed: 460 MB/s, Data transfer rate: 6 Gbit/s



Features		Features	
SSD form factor *	2.5"	Certification	CE, BSMI, KCC, VCCI, C-tick, FCC, IC, UL, TUV, CB
SSD capacity *	800 GB	Power	
Interface *	Serial ATA III	Power consumption (read)	1.7 W
Memory type *	MLC	Power consumption (write)	3.1 W
Data transfer rate	6 Gbit/s	Power consumption (idle)	1 W
Read speed	530 MB/s	Operational conditions	
Write speed	460 MB/s	Operating temperature (T-T)	0 - 70 °C
Random read (4KB)	92000 IOPS	Storage temperature (T-T)	-40 - 85 °C
Random write (4KB)	51000 IOPS	Operating relative humidity (H-H)	5 - 95%
Read latency	110 µs	Technical details	
Write latency	50 µs	Sustainability certificates	RoHS
Controller type	Samsung MDX	Weight & dimensions	
RAID support	✓	Width	69.8 mm
ECC	✓	Depth	100.2 mm
End-to-End Data Protection	✓	Height	6.8 mm
Native Command Queuing (NCQ)	✓	Weight	65 g
Mean time between failures (MTBF)	2000000 h	Other features	
		Product colour	Black
		Internal	✗

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Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date