

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

**Brand :** Samsung

**Product code:** MZ-7WD800EW

**Product name :** 845DC Pro

800GB, 2.5", SATA 6Gb/s, 530/460 MB/s, 92000/51000 IOPS

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		Power	
SSD form factor *	2.5"	Power consumption (read)	1.7 W
SSD capacity *	800 GB	Power consumption (write)	3.1 W
Interface *	Serial ATA III	Power consumption (idle)	1 W
Memory type *	MLC	<b>Operational conditions</b>	
Data transfer rate	6 Gbit/s	Operating temperature (T-T)	0 - 70 °C
Read speed	530 MB/s	Storage temperature (T-T)	-40 - 85 °C
Write speed	460 MB/s	Operating relative humidity (H-H)	5 - 95%
Random read (4KB)	92000 IOPS	Storage relative humidity (H-H)	5 - 95%
Random write (4KB)	51000 IOPS	Operating shock	1500 G
Read latency	110 µs	<b>Weight &amp; dimensions</b>	
Write latency	50 µs	Width	99.1 mm
RAID support	✓	Depth	69.8 mm
ECC	✓	Height	6.9 mm
End-to-End Data Protection	✓	Weight	1 g
Native Command Queuing (NCQ)	✓	<b>Other features</b>	
Mean time between failures (MTBF)	2000000 h	Product colour	Black
		Internal	✗

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