

## Samsung 845DC EVO 2.5" 960 GB Serial ATA III MLC

**Brand :** Samsung

**Product code:** MZ-7GE960EW

**Product name :** 845DC EVO

SSD 845DC EVO 2.5-Inch SATA 960GB

Samsung 845DC EVO. SSD capacity: 960 GB, SSD form factor: 2.5", Data transfer rate: 6 Gbit/s



Features		Operational conditions	
SSD form factor *	2.5"	Operating temperature (T-T)	0 - 60 °C
SSD capacity *	960 GB	Storage temperature (T-T)	-40 - 85 °C
Interface *	Serial ATA III	Operating relative humidity (H-H)	5 - 95%
Memory type *	MLC	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Operating shock	1500 G
Random read (4KB)	87000 IOPS	Non-operating shock	1500 G
Random write (4KB)	14000 IOPS		
Lithography	19 nm	Technical details	
S.M.A.R.T. support	✓	Sustainability certificates	RoHS
TRIM support	✓	Weight & dimensions	
RAID support	✓	Width	100.1 mm
Mean time between failures (MTBF)	2000000 h	Depth	9.91 mm
Windows operating systems supported	✓	Height	70.1 mm
Mac operating systems supported	✓	Weight	58.96 g
Linux operating systems supported	✓	Packaging data	
Power		Package width	158 mm
Operating voltage	5 V	Package depth	24.9 mm
Power consumption (read)	2.7 W	Package height	110 mm
Power consumption (write)	3.8 W	Package weight	1.36 kg
Power consumption (idle)	1.2 W	Package type	Box
		Other features	
		Product colour	Black

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