

## Intel DC S3710 2.5" 800 GB Serial ATA III MLC

**Brand :** Intel

**Product code:** SSDSC2BA800G401

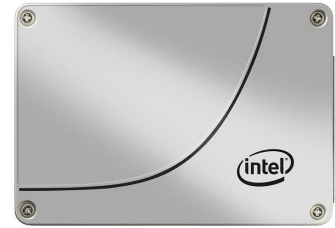
**Product name :** DC S3710

800 GB, 2.5", SATA 3, 20 nm, MLC, SSD

[Intel DC S3710 2.5" 800 GB Serial ATA III MLC:](#)

Intel Corporation manufactures industry leading solid-state drives targeting data center, professional, and consumer products. Intel SSDs feature leading performance, high levels of reliability, and are manufactured by one of the most trusted brands in the world.

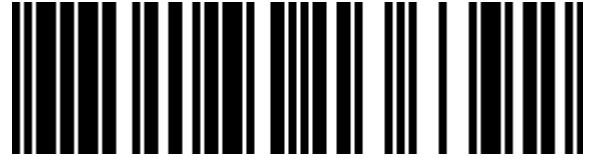
Intel DC S3710. SSD capacity: 800 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 460 MB/s, Data transfer rate: 6 Gbit/s



Features		Operational conditions	
Security algorithms	256-bit AES	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	2.5"	Operating vibration	2.17 G
SSD capacity *	800 GB	Non-operating vibration	3.13 G
Interface *	Serial ATA III	Operating shock	1000 G
Memory type *	MLC	Non-operating shock	0.5 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	550 MB/s	Weight	88 g
Write speed	460 MB/s	Packaging data	
Random read (100% span)	85000 IOPS	Quick start guide	✓
Random write (100% span)	39000 IOPS	Other features	
Read latency	55 µs	Internal	✓
Write latency	66 µs	Processor lithography	20 nm
Lithography	20 nm	Drive capacity	800 GB
End-to-End Data Protection	✓	Launch date	Q1'15
Enhanced Power Loss Data Protection technology	✓	Product brief URL	<a href="http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3710-brief.html">http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3710-brief.html</a>
SSD temperature monitoring	✓	SSD endurance rating	16.9PB
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	SSD hardware encryption	AES 256 bit
Mean time between failures (MTBF)	2000000 h	SSD power consumption (active)	5.9W
Market segment	Server	SSD power consumption (idle)	0.6W
SSD usage tag	Data center	SSD shock	1000 G/0.5ms
SSD ARK ID	84239	Sequential reading	550 MB/s
Power		Sequential writing speed	460 MB/s
Power consumption (idle)	0.6 W	Status	Discontinued
Brand-specific features		Last change	63903513
Intel High Endurance Technology (HET)	✓	Product family	Data center SSD
		Product series	Intel DC S3710
		Product codename	Haleyville



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