

Intel DC S3710 2.5" 400 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BA400G401

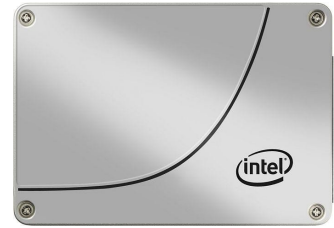
Product name : DC S3710

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

[Intel DC S3710 2.5" 400 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: 400 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 470 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 *	400 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	82 g
Write speed	470 MB/s	Packaging data	
Random read (100% span)	85000 IOPS	Quick start guide	✓
Random write (100% span)	43000 IOPS	Other features	
Read latency	55 µs	Internal	✓
Write latency	66 µs	Processor lithography	20 nm
Lithography	20 nm	Drive capacity	400 GB
End-to-End Data Protection	✓	Launch date	Q1'15
Enhanced Power Loss Data Protection technology	✓	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3710-brief.html
SSD temperature monitoring	✓	SSD endurance rating	8.3PB
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	SSD hardware encryption	AES 256 bit
Mean time between failures (MTBF)	2000000 h	SSD power consumption (active)	5.4W
Market segment	Server	SSD power consumption (idle)	0.6W
SSD usage tag	Data center	SSD shock	1000 G/0.5ms
SSD ARK ID	84238	Sequential reading	550 MB/s
Power		Sequential writing speed	470 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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