

Intel DC S3500 2.5" 1.2 TB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BB012T401

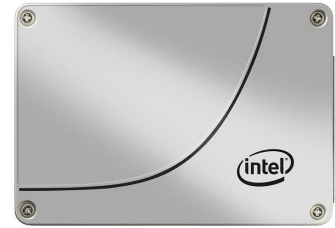
Product name : DC S3500

1.2 TB, 2.5", SATA 3, 20nm, MLC, SSD

[Intel DC S3500 2.5" 1.2 TB 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 S3500. SSD capacity: 1.2 TB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 450 MB/s, Data transfer rate: 6 Gbit/s



Features		Brand-specific features	
Security algorithms	256-bit AES	Intel Smart Response Technology version	0.00
SSD form factor *	2.5"	Operational conditions	
SSD capacity *	1.2 TB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA III	Operating vibration	2.17 G
Memory type *	MLC	Non-operating vibration	3.13 G
Data transfer rate	6 Gbit/s	Operating shock	1000 G
Read speed	500 MB/s	Non-operating shock	0.5 G
Write speed	450 MB/s	Weight & dimensions	
Random read (100% span)	65000 IOPS	Weight	94 g
Random write (100% span)	15500 IOPS	Packaging data	
Read latency	55 µs	Quick start guide	✓
Write latency	66 µs	Other features	
Lithography	20 nm	Internal	✓
End-to-End Data Protection	✓	Processor lithography	20 nm
Enhanced Power Loss Data Protection technology	✓	Drive capacity	1.2 TB
SSD temperature monitoring	✓	Launch date	Q4'14
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3500-brief.html
Mean time between failures (MTBF)	2000000 h	SSD endurance rating	660 TBW
Market segment	Server	SSD hardware encryption	AES 256 bit
SSD usage tag	Data center	SSD power consumption (active)	5.0 W
SSD ARK ID	82118	SSD power consumption (idle)	700 mW
Power		SSD shock	1,000 G/0.5 msec
Power consumption (idle)	5 W	SSD weight	94 g
Brand-specific features		Sequential reading	500 MB/s
Intel High Endurance Technology (HET)	✗	Sequential writing speed	450 MB/s
Intel® Rapid Start Technology	✗	Status	Discontinued
Intel® Smart Response Technology	✗	Last change	63903513
		Intel Rapid Start Technology version	0.00
		Product family	Data center SSD
		Product series	Intel DC S3500
		Product codename	Wolfsville



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