

Intel DC S3610 2.5" 480 GB Serial ATA III MLC

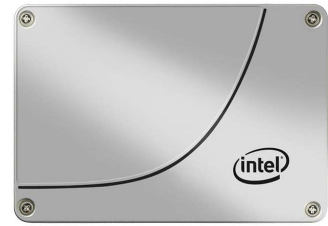
Brand : Intel

Product code: SSDSC2BX480G4

Product name : DC S3610

SSD DC S3610 Series (480GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Intel DC S3610. SSD capacity: 480 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 450 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (idle)	0.6 W
SSD form factor *	2.5"	Brand-specific features	
SSD capacity *	480 GB	Intel High Endurance Technology (HET)	✓
Interface *	Serial ATA III	Operational conditions	
Memory type *	MLC	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✓	Storage temperature (T-T)	-55 - 95 °C
Data transfer rate	6 Gbit/s	Operating vibration	2.17 G
Read speed	550 MB/s	Non-operating vibration	3.13 G
Write speed	450 MB/s	Operating shock	1000 G
Random read (4KB)	84000 IOPS	Non-operating shock	1000 G
Random write (4KB)	28000 IOPS	Technical details	
Random read (8KB)	52000 IOPS	Sustainability certificates	RoHS
Random write (8KB)	14000 IOPS	Weight & dimensions	
Random read (100% span)	84000 IOPS	Height	7 mm
Random write (100% span)	28000 IOPS	Weight	82 g
Read latency	55 µs	Other features	
Write latency	66 µs	Product colour	Silver
Lithography	20 nm	Internal	✓
S.M.A.R.T. support	✓	Processor lithography	20 nm
TRIM support	✓	Power consumption (active)	5.2 W
End-to-End Data Protection	✓	Born on date	Q1'15
Enhanced Power Loss Data Protection technology	✓	Drive capacity	480 GB
SSD temperature monitoring	✓	Launch date	2015-01-27T00:00:00
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3610-brief.html
Mean time between failures (MTBF)	2000000 h	Product name	Intel SSD DC S3610 Series (480GB, 2.5in SATA 6Gb/s, 20nm, MLC)
Windows operating systems supported	✓	SSD hardware encryption	AES 256 bit
Linux operating systems supported	✓	SSD power consumption (active)	5.2 W
Server operating systems supported	Windows Server 2003, Windows Server 2003 R2, Windows Server 2003 x64, Windows Server 2008, Windows Server 2008 R2, Windows Server 2008 R2 x64, Windows Server 2008 x64, Windows Server 2012, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2012 x64, Windows Server 2013	SSD power consumption (idle)	0.6 W
Market segment	Server	SSD shock	1,000 G/0.5 ms
SSD usage tag	Data center	SSD weight	82 g
SSD ARK ID	82935	Sequential reading	550 MB/s
Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHCK, VCCI, SATA-IO	Sequential writing speed	450 MB/s
		Status	Launched
		Product family	Data center SSD
		Product series	Intel DC S3610
		Product codename	Haleyville

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