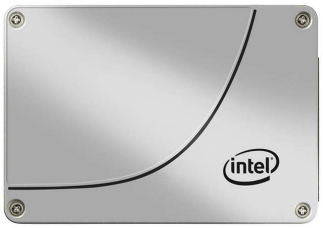
Intel DC S3610 2.5" 400 GB Serial ATA III MLC



Brand : Intel

Product code: SSDSC2BX400G4

Product name : DC S3610

SSD DC S3610 Series (400GB, 2.5in SATA 6Gb/s, 20nm, MLC)
Intel DC S3610. SSD capacity: 400 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 400 MB/s, Data transfer rate: 6 Gbit/s

Features	
Security algorithms	256-bit AES
SSD form factor *	2.5"
SSD capacity *	400 GB
Interface *	Serial ATA III
Memory type *	MLC
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	550 MB/s
Write speed	400 MB/s
Random read (4KB)	84000 IOPS
Random write (4KB)	28000 IOPS
Random read (8KB)	52000 IOPS
Random write (8KB)	14000 IOPS
Random read (100% span)	84000 IOPS
Random write (100% span)	25000 IOPS
Read latency	55 µs
Write latency	66 µs
Lithography	20 nm
S.M.A.R.T. support	✓
TRIM support	✓
End-to-End Data Protection	✓
Enhanced Power Loss Data Protection technology	✓
SSD temperature monitoring	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10^17 bits read
Mean time between failures (MTBF)	2000000 h
Windows operating systems supported	✓
Linux operating systems supported	✓
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
Market segment	Server
SSD usage tag	Data center
SSD ARK ID	86641
Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHCK, VCCI, SATA-IO

Power	
Power consumption (idle)	0.6 W

Brand-specific features	
Intel High Endurance Technology (HET)	✓

Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-55 - 95 °C
Operating vibration	2.17 G
Non-operating vibration	3.13 G
Operating shock	1000 G
Non-operating shock	1000 G

Technical details	
Sustainability certificates	RoHS

Weight & dimensions	
Height	7 mm
Weight	82 g

Other features

Product colour	Silver
Internal	✓
Processor lithography	20 nm
Power consumption (active)	4.3 W
Born on date	Q1'15
Drive capacity	400 GB
Launch date	2015-01-13T00:00:00
Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3610-brief.html
Product name	Intel SSD DC S3610 Series (400GB, 2.5in SATA 6Gb/s, 20nm, MLC)
SSD hardware encryption	AES 256 bit
SSD power consumption (active)	4.3 W
SSD power consumption (idle)	0.6 W
SSD shock	1,000 G/0.5 ms
SSD weight	82 g
Sequential reading	550 MB/s
Sequential writing speed	400 MB/s
Status	Launched
Product family	Data center SSD
Product series	Intel DC S3610
Product codename	Haleyville

Publication date: 26-JAN-2024. Prints or copies of Information are only valid on the printed Publication date