

# Intel DC S3610 2.5" 800 GB Serial ATA III MLC

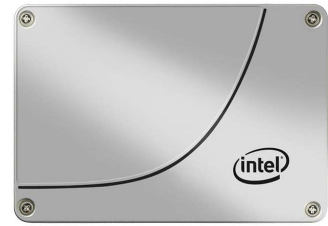
**Brand :** Intel

**Product code:** SSDSC2BX800G4

**Product name :** DC S3610

SSD DC S3610 Series (800GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Intel DC S3610. SSD capacity: 800 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Features		
Security algorithms	256-bit AES	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 2012, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2012 x64, Windows Server 2013	
SSD form factor *	2.5"			
SSD capacity *	800 GB			
Interface *	Serial ATA III			
Memory type *	MLC			
Hardware encryption *	✓		SSD usage tag	Data center
Data transfer rate	6 Gbit/s		SSD ARK ID	82936
Read speed	550 MB/s		Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHCK, VCCI, SATA-IO
Write speed	520 MB/s		<b>Power</b>	
Random read (4KB)	84000 IOPS		Power consumption (idle)	0.6 W
Random write (4KB)	28000 IOPS	<b>Brand-specific features</b>		
Random read (8KB)	52000 IOPS	Intel High Endurance Technology (HET)	✓	
Random write (8KB)	14000 IOPS	<b>Operational conditions</b>		
Random read (100% span)	84000 IOPS	Operating temperature (T-T)	0 - 70 °C	
Random write (100% span)	28000 IOPS	Storage temperature (T-T)	-55 - 95 °C	
Read latency	55 µs	Operating vibration	2.17 G	
Write latency	66 µs	Non-operating vibration	3.13 G	
Lithography	20 nm	Operating shock	1000 G	
S.M.A.R.T. support	✓	Non-operating shock	1000 G	
TRIM support	✓	<b>Technical details</b>		
End-to-End Data Protection	✓	Sustainability certificates	RoHS	
Enhanced Power Loss Data Protection technology	✓	<b>Weight &amp; dimensions</b>		
SSD temperature monitoring	✓	Height	7 mm	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Weight	88 g	
Mean time between failures (MTBF)	2000000 h	<b>Other features</b>		
Windows operating systems supported	✓	Product colour	Silver	
Linux operating systems supported	✓	Internal	✓	
		Processor lithography	20 nm	
		Power consumption (active)	6 W	
		Status	Launched	
		Product family	Data center SSD	
		Product series	Intel DC S3610	
		Product codename	Haleyville	

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