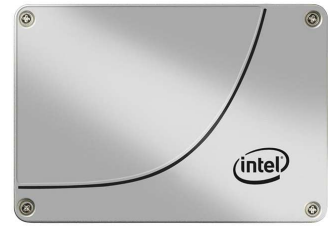


Intel DC S3610 2.5" 1.6 TB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BX016T401

Product name : DC S3610



SSD DC S3610 Series (1.6TB, 2.5in SATA 6Gb/s, 20nm, MLC)

Intel DC S3610. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 450 MB/s, Data transfer rate: 6 Gbit/s

Features

SSD form factor *	2.5"
SSD capacity *	1.6 TB
Interface *	Serial ATA III
Memory type *	MLC
Data transfer rate	6 Gbit/s
Read speed	500 MB/s
Write speed	450 MB/s
Random read (100% span)	84000 IOPS
Random write (100% span)	27000 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
Market segment	Server
SSD usage tag	Data center
SSD ARK ID	82934

Brand-specific features

Intel High Endurance Technology (HET) ✓

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Operating vibration	2.17 G
Non-operating vibration	3.13 G

Weight & dimensions

Height 7 mm

Other features

Internal	✓
Processor lithography	20 nm
Drive capacity	1.6 TB
Launch date	Q1'15
Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3610-brief.html
SSD hardware encryption	AES 256 bit
SSD power consumption (active)	6.8 W
SSD power consumption (idle)	0.6 W
SSD shock	1,000 G/0.5 ms
SSD weight	94 g
Sequential reading	550 MB/s
Sequential writing speed	500 MB/s
Status	Discontinued
Last change	63903513
Product family	Data center SSD
Product series	Intel DC S3610
Product codename	Haleyville



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