

Intel SSDSC2BB016T601 internal solid state drive 2.5" 1.6 TB Serial ATA III MLC



Brand : Intel

Product code: SSDSC2BB016T601

Product name : SSDSC2BB016T601

SSD DC S3510 Series (1.6TB, 2.5in SATA 6Gb/s, 16nm, MLC)

Intel SSDSC2BB016T601. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 430 MB/s, Data transfer rate: 6 Gbit/s

Features		Brand-specific features	
Security algorithms	256-bit AES	Intel® Rapid Start Technology	✗
SSD form factor *	2.5"	Intel® Smart Response Technology	✗
SSD capacity *	1.6 TB	Intel Smart Response Technology version	0.00
Interface *	Serial ATA III	Operational conditions	
Memory type *	MLC	Operating temperature (T-T)	0 - 70 °C
Hardware encryption *	✓	Maximum operating temperature	70 °C
Data transfer rate	6 Gbit/s	Operating vibration	1000 G
Read speed	500 MB/s	Non-operating vibration	1000 G
Write speed	430 MB/s	Operating shock	1000 G
Random read (4KB)	65000 IOPS	Non-operating shock	1000 G
Random write (4KB)	15200 IOPS	Operating / non-operating shock	1000G/0.5 msec
Random read (100% span)	65000 IOPS	Weight & dimensions	
Random write (100% span)	15200 IOPS	Weight	94 g
Read latency	55 µs	Logistics data	
Write latency	66 µs	Harmonized System (HS) code	84717070
Lithography	16 nm	Other features	
End-to-End Data Protection	✓	Internal	✓
Enhanced Power Loss Data Protection technology	✓	Processor lithography	16 nm
SSD temperature monitoring	✓	Power consumption (active)	5.59 W
Temperature monitoring and logging	✓	Drive capacity	1.6 TB
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Launch date	Q2'15
Mean time between failures (MTBF)	2000000 h	SSD endurance rating	880 TBW
TBW rating	880	SSD hardware encryption	AES 256 bit
Market segment	Server	SSD power consumption (active)	5.59 W
SSD usage tag	Data center	SSD power consumption (idle)	700 mW
SSD ARK ID	86192	SSD shock	1000G/0.5 msec
Export Control Classification Number (ECCN)	5A992C	SSD weight	94 g
Commodity Classification Automated Tracking System (CCATS)	G147123	Sequential reading	500 MB/s
Power		Sequential writing speed	430 MB/s
Power consumption (idle)	0.7 W	Status	Discontinued
Brand-specific features		Last change	63903513
Intel High Endurance Technology (HET)	✗	Intel Rapid Start Technology version	0.00
		Product family	Data center SSD
		Product series	Intel DC S3510
		Product codename	Haleyville



0675901332279



675901332279



5032037074735



0735858296335



735858296335

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.