

Intel DC S3520 M.2 960 GB Serial ATA III 3D MLC

Brand : Intel

Product code: SSDSCKJB960G7

Product name : DC S3520



SSD DC S3520 Series (960GB, M.2 80mm SATA 6Gb/s, 3D1, MLC)

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The most trusted SATA SSD now on Intel 3D NAND.

Modernize your data center storage and make the switch from HDDs to the Intel® SSD DC S3520 Series. As part of the Intel® 3D NAND SSD family of products, the Intel SSD DC S3520 Series delivers the unmatched combination of data integrity, performance consistency, and drive reliability. With a much lower active write power than the Intel® SSD DC S3510 Series, the Intel SSD DC S3520 Series enables the delivery of 35% more rack performance per watt. With a competitive IOPs/\$, the Intel SSD DC S3520 Series is the ideal replacement for HDDs.

Intel DC S3520. SSD capacity: 960 GB, SSD form factor: M.2, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Brand-specific features	
NAND flash type	MLC (Multi Level Cell)	Intel® Smart Response Technology	✗
Security algorithms	256-bit AES	Intel Smart Response Technology version	0.00
SSD form factor *	M.2	Operational conditions	
SSD capacity *	960 GB	Operating temperature (T-T)	0 - 84 °C
Interface *	Serial ATA III	Operating vibration	2.17 G
Memory type *	3D MLC	Non-operating vibration	3.13 G
Component for *	Server/workstation	Operating shock	1000 G
Hardware encryption *	✓	Non-operating shock	1000 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Lithography	16 nm	Width	22 mm
End-to-End Data Protection	✓	Depth	80 mm
Enhanced Power Loss Data Protection technology	✓	Weight	9 g
SSD temperature monitoring	✓	Other features	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Product colour	Black, Green
Mean time between failures (MTBF)	2000000 h	Drive capacity	960 GB
TBW rating	1750	Launch date	Q3'16
Market segment	Server	SSD endurance rating	1750 TBW
SSD usage tag	Data center	SSD hardware encryption	AES 256 bit
SSD ARK ID	93013	SSD shock	1000G/0.5ms
Brand-specific features		SSD weight	9 g
Intel High Endurance Technology (HET)	✗	Status	Discontinued
Intel® Rapid Start Technology	✗	Last change	63903513
		Intel Rapid Start Technology version	0.00
		Product family	Data center SSD
		Product series	Intel® SSD DC S3520 Series
		Product codename	Downieville



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