

## Intel DC S4500 2.5" 1.9 TB Serial ATA III 3D TLC

**Brand :** Intel

**Product code:** SSDSC2KB019T701

**Product name :** DC S4500



SSD DC S4500 Series (1.9TB, 2.5in SATA 6Gb/s, 3D1, TLC)

Intel DC S4500. SSD capacity: 1.9 TB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Power	
NAND flash type	TLC (Triple Level Cell)	Power consumption (average)	5 W
Security algorithms	256-bit AES	Power consumption (idle)	1 W
SSD form factor *	2.5"	<b>Brand-specific features</b>	
SSD capacity *	1.9 TB	Intel High Endurance Technology (HET)	✗
Interface *	Serial ATA III	Intel® Rapid Start Technology	✗
Memory type *	3D TLC	Intel® Smart Response Technology	✗
Component for *	Server/workstation	<b>Operational conditions</b>	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Operating vibration	2.17 G
Read speed	500 MB/s	Non-operating vibration	3.13 G
Write speed	490 MB/s	Operating shock	1000 G
Random read (100% span)	72000 IOPS	Non-operating shock	1000 G
Random write (100% span)	33000 IOPS	<b>Weight &amp; dimensions</b>	
Read latency	36 µs	Height	7 mm
Write latency	36 µs	<b>Logistics data</b>	
End-to-End Data Protection	✓	Harmonized System (HS) code	84717070
Enhanced Power Loss Data Protection technology	✓	<b>Other features</b>	
SSD temperature monitoring	✓	Product colour	Silver
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Status	End of Life
Mean time between failures (MTBF)	2000000 h	Product family	Data center SSD
SSD usage tag	Data center	Product series	Intel® SSD DC S4500 Series
SSD ARK ID	120524	Product codename	Youngsville



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