



## Lenovo S4520 1.92 TB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17103

Product name : S4520



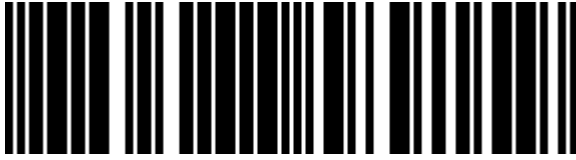
ThinkSystem 2.5" S4520 1.92TB Read Intensive SATA 6Gb HS SSD

[Lenovo S4520 1.92 TB 2.5" Serial ATA III 3D TLC NAND:](#)

The ThinkSystem S4520 Read Intensive SATA SSDs are advanced 6Gb SATA solid-state drives that use 144-layer Intel 3D NAND TLC Flash Memory technology to provide an affordable solution with industry leading performance.

This product guide provides essential presales information to understand the S4520 SSDs, their key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about S4520 SSDs and consider their use in IT solutions. Lenovo S4520. SSD capacity: 1.92 TB, SSD form factor: 2.5", Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
SSD capacity *	1.92 TB	Certification	FCC Title 47, Part 15B, Class B EN-55035:2017 EN-55022:2006 EN-55032:2012 Low Voltage Directive (LVD) 2014/35/EU EMC Directive 2014/30/EU RoHS Directive 2011/65/EU WEEE Directive 2012/19/EU UL 60950-1, 2nd Edition, 2014-10-14 CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-010 UL/CSA 62368-1, 2nd Edition AS/NZ CISPR 32:2015 AS/NZ CISPR 22:2009 +A1:2010 Taiwan BSMI EMC standard CNS 13438 Korea KCC Article 11.1 Morocco Decree # 2574-14 (EMC) Canada ICES-003 Japan VCCI China EFUP
SSD form factor *	2.5"		
Interface *	Serial ATA III		
Memory type *	3D TLC NAND		
Component for *	Server/workstation		
Data transfer rate	6 Gbit/s		
Random read (4KB)	91000 IOPS		
Random write (4KB)	38000 IOPS		
Random latency - read (up to)	104 µs		
Random latency - write (up to)	54 µs		
Sequential latency - read (up to)	37 µs		
Sequential latency - write (up to)	38 µs		
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read		
Mean time between failures (MTBF)	2000000 h		
Drive writes per day (DWPD)	2.5		
		Power	
		Power consumption (write)	3.1 W
		Weight & dimensions	
		Width	174 mm
		Depth	133 mm
		Height	63 mm
		Weight	434 g
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Storage relative humidity (H-H)	5 - 95%
		Operating vibration	2.17 G
		Non-operating vibration	3.13 G
		Operating shock	1000 G
		Non-operating shock	1000 G
		Other features	
		Endurance rating	8.8 PB



0889488589159



889488589159

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.