



# Lenovo S4620 3.84 TB 2.5" Serial ATA III TLC 3D NAND

Brand : Lenovo

Product code: 4XB7A17128

Product name : S4620



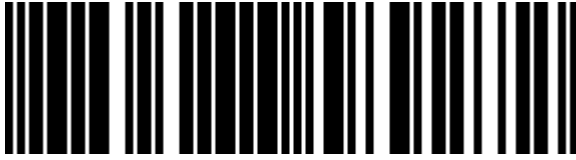
ThinkSystem 2.5" S4620 3.84TB Mixed Use SATA 6Gb HS SSD

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The ThinkSystem S4520 Mixed Use SATA SSDs use 144-layer Intel 3D NAND TLC Flash Memory technology with a 6Gbps SATA interface to provide an affordable solution with industry leading performance.

This product guide provides essential presales information to understand the S4620 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 S4620 SSDs and consider their use in IT solutions. Lenovo S4620. SSD capacity: 3.84 TB, SSD form factor: 2.5", Data transfer rate: 6 Gbit/s, Component for: Server

Features		Features	
SSD capacity *	3.84 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 *	TLC 3D NAND		
Component for *	Server		
Data transfer rate	6 Gbit/s		
Random read (4KB)	91000 IOPS		
Random write (4KB)	60000 IOPS		
Random latency - read (up to)	104 µs		
Random latency - write (up to)	45 µs		
Sequential latency - read (up to)	36 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)	5		
Power			
Power consumption (write)			3.9 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			1000 G
Non-operating vibration			1000 G
Operating shock			2.17 G
Non-operating shock			3.13 G
Other features			
Endurance rating			35.1 PB



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