



Lenovo 4XB7A77461 internal solid state drive 960 GB 2.5" Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A77461

Product name : 4XB7A77461

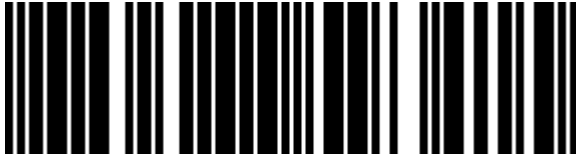
ThinkSystem ST50 V2 2.5" S4520 960GB Read Intensive SATA 6Gb NHS

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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 4XB7A77461. SSD capacity: 960 GB, SSD form factor: 2.5", Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	2000000 h
SSD capacity *	960 GB	Certification	FCC Title 47, Part 15B, Class B
SSD form factor *	2.5"		EN-55035:2017 EN-55022:2006
Interface *	Serial ATA III		EN-55032:2012 Low Voltage
NVMe *	✗		Directive (LVD) 2014/35/EU EMC
Memory type *	3D TLC NAND		Directive 2014/30/EU RoHS
Component for *	Server/workstation		Directive 2011/65/EU WEEE
Hardware encryption *	✓		Directive 2012/19/EU UL 60950-1,
Data transfer rate	6 Gbit/s		2nd Edition, 2014-10-14 CSA C22.2
Random read (4KB)	90000 IOPS		No. 60950-1-07, 2nd Edition,
Random write (4KB)	43000 IOPS		2014-010 UL/CSA 62368-1, 2nd
Random latency - read (up to)	102 µs	Weight & dimensions	
Random latency - write (up to)	49 µs	Width	174 mm
Sequential latency - read (up to)	36 µs	Depth	133 mm
Sequential latency - write (up to)	36 µs	Height	63 mm
S.M.A.R.T. support	✓	Weight	434 g
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Operating 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
		Maximum operating altitude	3050 m



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Catalog Object Cloud



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