



## Lenovo 4XB7A17102 internal solid state drive 960 GB 2.5" Serial ATA III 3D TLC NAND



**Brand :** Lenovo

**Product code:** 4XB7A17102

**Product name :** 4XB7A17102

ThinkSystem 2.5" S4520 960GB Read Intensive SATA 6Gb HS SSD

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The ThinkSystem S4520 Read Intensive 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.

Compared with the S4510 series, these new Read Intensive (Entry) drives offer improved endurance. The S4520 SSDs are optimized for read-intensive applications such as boot, web servers, lower data rate operational databases and analytics.

Lenovo 4XB7A17102. 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	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 capacity *	960 GB		
SSD form factor *	2.5"		
Interface *	Serial ATA III		
Memory type *	3D TLC NAND		
Component for *	Server/workstation		
Hardware encryption *	✓		
Data transfer rate	6 Gbit/s		
Random read (4KB)	85000 IOPS		
Random write (4KB)	44000 IOPS		
Read latency	36 µs		
Write latency	36 µs		
S.M.A.R.T. support	✓		
Hot-swap	✓		
Mean time between failures (MTBF)	2000000 h		
Power			
Power consumption (write)		3 W	
Weight & dimensions			
Width		70 mm	
Depth		100 mm	
Height		7 mm	
Weight		70 g	
Packaging data			
Package width		174 mm	
Package depth		133 mm	
Package height		63 mm	
Package weight		434 g	
Operational conditions			
Operating temperature (T-T)		0 - 70 °C	
Operating relative humidity (H-H)		5 - 95%	
Operating vibration		2.17 G	
Operating shock		1000 G	
Non-operating shock		1000 G	
Maximum operating altitude		3050 m	
Logistics data			
Harmonized System (HS) code		84717070	



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