



# Lenovo 4XB7A13642 internal solid state drive 1.92 TB 3.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A13642

Product name : 4XB7A13642



ThinkSystem 3.5" Intel S4610 1.92TB Mainstream SATA 6Gb Hot Swap

Lenovo 4XB7A13642 internal solid state drive 1.92 TB 3.5" Serial ATA III 3D TLC NAND:

The Intel S4610 Mainstream SATA solid-state drives (SSDs) for Lenovo servers are advanced data center SSDs optimized for mixed read-write performance, endurance and strong data protection. The drives are available in either 2.5-inch or 3.5-inch drive form factor.

This product guide provides essential presales information to understand the S4610 SSD offerings and their key features, specifications, and compatibility. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about S4610 SSDs and consider their use in IT solutions.

Lenovo 4XB7A13642. SSD capacity: 1.92 TB, SSD form factor: 3.5", 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
SSD form factor *	3.5"		CA/CSA-CEI/IEC CISPR 22:02 EN 55024: 1998 EN 55022: 2006
Interface *	Serial ATA III		EN-60950-1 2nd Edition UL/CSA
NVMe *	✗		EN-60950-1 2nd Edition Low
Memory type *	3D TLC NAND		Voltage Directive 2006/95/EC C-Tick: AS/NZS3584 BSMI: CNS 13438
Component for *	Server/workstation		KCC Article 11.1 RoHS DIRECTIVE
Data transfer rate	6 Gbit/s		2011/65/EU WEEE Directive
Random read (4KB)	96000 IOPS		2002/96/EC
Random write (4KB)	42000 IOPS		
Random latency - read (up to)	103 µs		
Random latency - write (up to)	54 µs		
Read latency	36 µs		
Write latency	37 µs		
S.M.A.R.T. support	✓		
Hot-swap	✓		
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read		
Mean time between failures (MTBF)	2000000 h		
		Weight & dimensions	
		Width	257 mm
		Depth	193 mm
		Height	95 mm
		Weight	484 g
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Storage temperature (T-T)	-55 - 95 °C
		Operating relative humidity (H-H)	5 - 95%
		Operating vibration	2.17 G
		Non-operating vibration	3.13 G
		Operating shock	1000 G
		Maximum operating altitude	3050 m
		Other features	
		Endurance rating	10.5 PB



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