



Lenovo 4XB7A17098 internal solid state drive 960 GB 3.5" Serial ATA III TLC 3D NAND

Brand : Lenovo

Product code: 4XB7A17098

Product name : 4XB7A17098

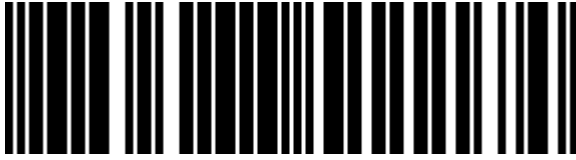
3.5" 5300 960GB Mainstream SATA 6Gb Hot Swap

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The ThinkSystem 5300 Mainstream SATA 6Gb solid-state drives (SSDs) use Micron NAND flash memory technology with a SATA 6Gbps interface to provide an affordable solution for mixed read/write workloads.

This product guide provides essential presales information to understand the 5300 Mainstream SSD offerings, 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 the SSDs and consider their use in IT solutions. Lenovo 4XB7A17098. SSD capacity: 960 GB, SSD form factor: 3.5", Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Certification	Micron Green Standard Built with sulfur resistant resistors CE (Europe): EN 55032 Class B, RoHS FCC: CFR Title 47, Part 15 Class B UL: UL-60950-1, 2nd Edition BSMI (Taiwan): approval to CNS 13438 RCM (Australia, New Zealand): AS/NZS CISPR32 Class B KCC RRL (Korea): approval to KN 32 Class B, KN 35 Class B W.E.E.E.: Compliance with EU WEEE directive 2002/96/EC. TUV (Germany): approval to IEC60950/EN60950 VCCI (Japan): 2015-04 Class B IC (Canada): CISPR32 Class B: Canadian ICES-003:2016
SSD capacity *	960 GB		
SSD form factor *	3.5"		
Interface *	Serial ATA III		
NVMe *	✗		
Memory type *	TLC 3D NAND		
Component for *	Server/workstation		
Hardware encryption *	✗		
Random read (4KB)	95000 IOPS		
Random write (4KB)	75000 IOPS		
Read latency	175 µs		
Write latency	100 µs		
S.M.A.R.T. support	✓		
Hot-swap	✓		
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read		
Mean time between failures (MTBF)	3000000 h		
Power			
Power consumption (read)		2.8 W	
Power consumption (write)		3.4 W	
Weight & dimensions			
Width		70 mm	
Depth		100 mm	
Height		7 mm	
Weight		70 g	
Operational conditions			
Operating temperature (T-T)		0 - 70 °C	
Storage temperature (T-T)		-40 - 85 °C	
Operating relative humidity (H-H)		5 - 95%	
Non-operating vibration		3.13 G	
Non-operating shock		1500 G	



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