



Lenovo 4XB7A17077 internal solid state drive 960 GB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo **Product code:** 4XB7A17077

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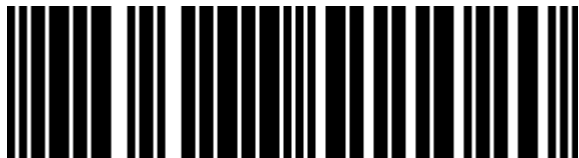
- Industry standard 2.5-inch or 3.5-inch form factors
 - New generation 96-layer 3D TLC NAND flash memory
 - 6 Gbps SATA host interface
 - High reliability and enhanced ruggedness
 - MTTF of 3 million device hours - 50% more than most drives
 - Absence of moving parts to reduce potential failure points in the server
 - S.M.A.R.T. support
 - Advanced Encrypting Standard (AES) 256-bit encryption
- ThinkSystem 2.5" 5300 960GB Entry SATA 6Gb Hot Swap SSD

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The 5300 Entry SATA solid-state drives (SSDs) are new SSDs for ThinkSystem servers. The drives use Micron 96-layer 3D NAND flash memory technology with a SATA 6Gbps interface and provide an affordable solution for read-intensive applications such as boot, web servers, lower data rate operational databases and analytics.

Lenovo 4XB7A17077. SSD capacity: 960 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	3000000 h
SSD capacity *	960 GB	Power	
SSD form factor *	2.5"	Power consumption (read)	2.8 W
Interface *	Serial ATA III	Power consumption (write)	3.4 W
NVMe *	✗	Weight & dimensions	
Memory type *	3D TLC NAND	Weight	70 g
Component for *	Server/workstation	Operational conditions	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Storage temperature (T-T)	-40 - 85 °C
Read speed	540 MB/s	Operating relative humidity (H-H)	5 - 95%
Write speed	520 MB/s	Vibration resistance	3.13 G
Random read (4KB)	95 IOPS	Other features	
Random write (4KB)	35 IOPS	Compliance certificates	RoHS
Read latency	175 µs	Logistics data	
Write latency	100 µs	Harmonized System (HS) code	84717070
Hot-swap	✓		



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