



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

**Brand :** Lenovo

**Product code:** 4XB7A17077

**Product name :** 4XB7A17077

- 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	<b>Power</b>	
SSD form factor *	2.5"	Power consumption (read)	2.8 W
Interface *	Serial ATA III	Power consumption (write)	3.4 W
NVMe *	✗	<b>Weight &amp; dimensions</b>	
Memory type *	3D TLC NAND	Weight	70 g
Component for *	Server/workstation	<b>Operational conditions</b>	
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	<b>Other features</b>	
Random write (4KB)	35 IOPS	Compliance certificates	RoHS
Read latency	175 µs	<b>Logistics data</b>	
Write latency	100 µs	Harmonized System (HS) code	84717070
Hot-swap	✓		



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