



Lenovo 4XB7A17087 internal solid state drive 240 GB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17087

Product name : 4XB7A17087

ThinkSystem 2.5" 5300 240GB Mainstream SATA 6Gb Hot Swap SSD

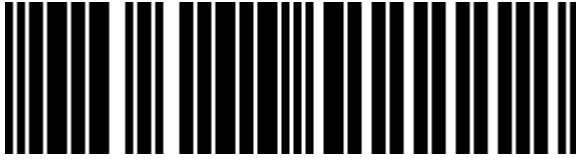
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The ThinkSystem 5300 Mainstream SATA 6Gb solid-state drives (SSDs) use Micron NAND flash memory technology with a SATA 6Gbps interface to provide an affordable solution for mixed read/write workloads.

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.

The ThinkSystem 5300 Mainstream SATA 6Gb solid-state drives (SSDs) use Micron 96-layer 3D NAND flash memory technology with a 6Gbps SATA interface. They provide an affordable solution for mixed read/write applications such as cache in transactional applications and high-speed storage for enterprise databases.

Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	3000000 h
SSD capacity *	240 GB	Power	
SSD form factor *	2.5"	Power consumption (read)	2.5 W
Interface *	Serial ATA III	Power consumption (write)	3 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	380 MB/s	Other features	
Random read (4KB)	82 IOPS	Compliance certificates	RoHS
Random write (4KB)	60 IOPS	Logistics data	
Read latency	175 µs	Harmonized System (HS) code	84717070
Write latency	300 µs		
Hot-swap	✓		



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