



Lenovo 4XB7A17078 internal solid state drive 1.92 TB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17078

Product name : 4XB7A17078

ThinkSystem 2.5" 5300 1.92TB 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.

This product guide provides essential presales information to understand the 5300 Entry 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 4XB7A17078. SSD capacity: 1.92 TB, 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	Hot-swap	✓
SSD capacity *	1.92 TB	Mean time between failures (MTBF)	3000000 h
SSD form factor *	2.5"	Power	
Interface *	Serial ATA III	Power consumption (read)	3 W
NVMe *	✗	Power consumption (write)	3.8 W
Memory type *	3D TLC NAND	Weight & dimensions	
Component for *	Server/workstation	Weight	70 g
Hardware encryption *	✓	Operational conditions	
Data transfer rate	6 Gbit/s	Operating temperature (T-T)	0 - 70 °C
Read speed	540 MB/s	Storage temperature (T-T)	-40 - 85 °C
Write speed	520 MB/s	Operating relative humidity (H-H)	5 - 95%
Random read (4KB)	95000 IOPS	Vibration resistance	3.13 G
Random write (4KB)	30000 IOPS	Other features	
Read latency	175 µs	Compliance certificates	RoHS
Write latency	300 µs		



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