



Lenovo ThinkSystem 2.5" 5300 1.92 TB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17090

Product name : ThinkSystem 2.5" 5300

ThinkSystem 2.5" 5300 1.92TB Mainstream SATA 6Gb Hot Swap SSD

[Lenovo ThinkSystem 2.5" 5300 1.92 TB 2.5" Serial ATA III 3D TLC NAND:](#)

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 ThinkSystem 2.5" 5300. SSD capacity: 1.92 TB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Component for: Server/workstation

Features		Power	
SSD capacity *	1.92 TB	Power consumption (read)	3 W
SSD form factor *	2.5"	Power consumption (write)	3.8 W
Interface *	Serial ATA III	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
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	Non-operating vibration	3.13 G
Random write (4KB)	75000 IOPS	Non-operating shock	1500 G
Read latency	175 µs	Logistics data	
Write latency	100 µs	Harmonized System (HS) code	84717070
Mean time between failures (MTBF)	3000000 h		



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