



## Lenovo 5100 3.5" 3.84 TB Serial ATA III TLC

**Brand :** Lenovo

**Product code:** 7SD7A05756

**Product name :** 5100



ThinkSystem 3.5" 5100 3.84TB Mainstream SATA 6Gb Hot Swap SSD

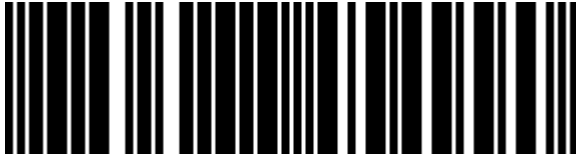
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The 5100 Enterprise Mainstream SATA solid-state drives (SSDs) use Micron NAND flash memory technology with a SATA 6Gbps interface to provide an affordable solution for mixed read/write workloads.

This product guide provides essential presales information to understand the 5100 Enterprise 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 5100. SSD capacity: 3.84 TB, SSD form factor: 3.5", Read speed: 540 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Power	
Security algorithms	256-bit AES	Power consumption (read)	6 W
SSD form factor *	3.5"	Power consumption (write)	6 W
SSD capacity *	3.84 TB	<b>Operational conditions</b>	
Interface *	Serial ATA III	Operating temperature (T-T)	0 - 70 °C
Memory type *	TLC	Storage temperature (T-T)	-40 - 85 °C
Component for *	Server/workstation	Operating relative humidity (H-H)	5 - 95%
Hardware encryption *	✓	Storage relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Non-operating vibration	3.13 G
Read speed	540 MB/s	Non-operating shock	1500 G
Write speed	520 MB/s	<b>Weight &amp; dimensions</b>	
Random read (4KB)	93000 IOPS	Width	70 mm
Random write (4KB)	30000 IOPS	Depth	100 mm
Read latency	500 µs	Height	7 mm
Write latency	500 µs	Weight	70 g
S.M.A.R.T. support	✓	<b>Other features</b>	
Mean time between failures (MTBF)	2000000 h	Product colour	Black



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