Lenovo 5100 960 GB 2.5" Serial ATA III TLC



Brand : Lenovo

Product code: 7SD7A05763

Product name : 5100

ThinkSystem 2.5" 5100 960GB Mainstream SATA 6Gb Hot Swap SSD

Lenovo 5100 960 GB 2.5" Serial ATA III TLC:

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: 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	
Security algorithms	256-bit AES
SSD capacity *	960 GB
SSD form factor *	2.5"
Interface *	Serial ATA III
Memory type *	TLC
Component for *	Server/workstation
Hardware encryption *	✔
Data transfer rate	6 Gbit/s
Read speed	540 MB/s
Write speed	520 MB/s
Random read (4KB)	93000 IOPS
Random write (4KB)	37000 IOPS
Read latency	500 µs
Write latency	500 µs
S.M.A.R.T. support	✔
Mean time between failures (MTBF)	2000000 h

Power	
Power consumption (read)	5 W
Power consumption (write)	5 W
Weight & dimensions	
Width	70 mm
Depth	100 mm
Height	7 mm
Weight	70 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Non-operating vibration	3.13 G
Non-operating shock	1500 G
Other features	
Product colour	Black

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Catalog Object Cloud

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