



Lenovo 5100 480 GB 3.5" Serial ATA III TLC

Brand : Lenovo

Product code: 4XB7A08506

Product name : 5100



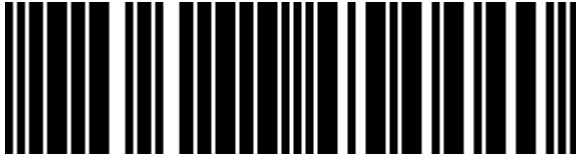
ThinkSystem 3.5" 5100 480GB Entry SATA 6Gb

Lenovo 5100 480 GB 3.5" Serial ATA III TLC:

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

This product guide provides essential presales information to understand the 5100 Enterprise 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 5100. SSD capacity: 480 GB, SSD form factor: 3.5", Read speed: 540 MB/s, Write speed: 380 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Power	
NAND flash type	TLC (Triple Level Cell)	Power consumption (read)	4.5 W
Security algorithms	256-bit AES	Power consumption (write)	4.5 W
SSD capacity *	480 GB	Weight & dimensions	
SSD form factor *	3.5"	Width	70 mm
Interface *	Serial ATA III	Depth	100 mm
Memory type *	TLC	Height	7 mm
Component for *	Server/workstation	Weight	140 g
Data transfer rate	6 Gbit/s	Operational conditions	
Read speed	540 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	380 MB/s	Storage temperature (T-T)	-40 - 85 °C
Random read (4KB)	93000 IOPS	Operating relative humidity (H-H)	5 - 95%
Random write (4KB)	31000 IOPS	Storage relative humidity (H-H)	5 - 95%
Read latency	500 µs	Non-operating vibration	3.13 G
Write latency	500 µs	Non-operating shock	1500 G
S.M.A.R.T. support	✓	Other features	
Hot-swap	✓	Product colour	Black
Mean time between failures (MTBF)	2000000 h		



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