



Lenovo 5100 3.5" Serial ATA III TLC

Brand : Lenovo

Product code: 4XB7A08509

Product name : 5100



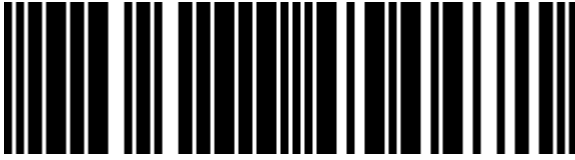
ThinkSystem 3.5" 5100 3.84TB Entry SATA 6Gb

[Lenovo 5100 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 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 | |
|-----------------------------------|-------------------------|-----------------------------------|-------------|
| NAND flash type | TLC (Triple Level Cell) | Power consumption (read) | 6 W |
| Security algorithms | 256-bit AES | Power consumption (write) | 6 W |
| SSD form factor * | 3.5" | Operational conditions | |
| 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% |
| Data transfer rate | 6 Gbit/s | Storage relative humidity (H-H) | 5 - 95% |
| Read speed | 540 MB/s | Non-operating vibration | 3.13 G |
| Write speed | 520 MB/s | Non-operating shock | 1500 G |
| Random read (4KB) | 93000 IOPS | Weight & dimensions | |
| Random write (4KB) | 18000 IOPS | Width | 70 mm |
| Read latency | 500 µs | Depth | 100 mm |
| Write latency | 500 µs | Height | 7 mm |
| S.M.A.R.T. support | ✓ | Weight | 140 g |
| Hot-swap | ✓ | Other features | |
| Mean time between failures (MTBF) | 2000000 h | Product colour | Black |



0889488454471



889488454471

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.