



# Lenovo 4XB7A17082 internal solid state drive 480 GB 3.5" Serial ATA III 3D TLC NAND



**Brand :** Lenovo

**Product code:** 4XB7A17082

**Product name :** 4XB7A17082

ThinkSystem 3.5" 5300 480GB Entry SATA 6Gb Hot Swap SSD

[Lenovo 4XB7A17082 internal solid state drive 480 GB 3.5" Serial ATA III 3D TLC NAND:](#)



The 5300 Entry SATA solid-state drives (SSDs) are new SSDs for ThinkSystem servers. The drives use Micron 96-layer 3D NAND flash memory technology with a SATA 6Gbps interface and provide an affordable solution for read-intensive applications such as boot, web servers, lower data rate operational databases and analytics.

This product guide provides essential presales information to understand the 5300 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 4XB7A17082. SSD capacity: 480 GB, SSD form factor: 3.5", Read speed: 540 MB/s, Write speed: 410 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	3000000 h
SSD capacity *	480 GB	<b>Power</b>	
SSD form factor *	3.5"	Power consumption (read)	2.5 W
Interface *	Serial ATA III	Power consumption (write)	3.1 W
NVMe *	✘	<b>Weight &amp; dimensions</b>	
Memory type *	3D TLC NAND	Weight	70 g
Component for *	Server/workstation	<b>Operational conditions</b>	
Hardware encryption *	✔	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Storage temperature (T-T)	-40 - 85 °C
Read speed	540 MB/s	Operating relative humidity (H-H)	5 - 95%
Write speed	410 MB/s	Vibration resistance	3.13 G
Random read (4KB)	85 IOPS	<b>Other features</b>	
Random write (4KB)	36 IOPS	Compliance certificates	RoHS
Read latency	175 µs	<b>Logistics data</b>	
Write latency	100 µs	Harmonized System (HS) code	84717070
Hot-swap	✔		



0889488510801



889488510801

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.