



Lenovo 4XB7A90230 internal solid state drive 960 GB M.2 Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A90230

Product name : 4XB7A90230

ThinkSystem M.2 ER3 960GB Read Intensive SATA 6Gb NHS

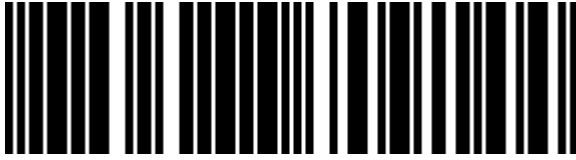
[Lenovo 4XB7A90230 internal solid state drive 960 GB M.2 Serial ATA III 3D TLC NAND:](#)

The ThinkSystem ER3 Read Intensive SATA 6Gb SSDs, in capacities up to 960GB, are 6Gb SATA drives, available in 2.5-inch and M.2 form factors. They are suitable for general data storage functions and operating system boot purposes on ThinkSystem servers.

This product guide provides essential presales information to understand the ER3 SSDs and their key features, specifications, and compatibility. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the ER3 SSDs and consider their use in IT solutions.

Lenovo 4XB7A90230. SSD capacity: 960 GB, SSD form factor: M.2, Data transfer rate: 6 Gbit/s, Component for: Server

Features		Features	
SSD capacity *	960 GB	Mean time between failures (MTBF)	2000000 h
SSD form factor *	M.2	Drive writes per day (DWPD)	1
Interface *	Serial ATA III	Certification	CE UL BSMI RoHS
Memory type *	3D TLC NAND	Power	
Component for *	Server	Power consumption (read)	3.5 W
Hardware encryption *	✓	Power consumption (write)	3.8 W
M.2 SSD size	2280 (22 x 80 mm)	Weight & dimensions	
Data transfer rate	6 Gbit/s	Width	22 mm
Random read (4KB)	90000 IOPS	Depth	80 mm
Random write (4KB)	15000 IOPS	Height	3.65 mm
Random latency - read (up to)	120 µs	Weight	10 g
Random latency - write (up to)	70 µs	Operational conditions	
S.M.A.R.T. support	✓	Operating temperature (T-T)	0 - 70 °C
Hot-swap	✗	Storage temperature (T-T)	-40 - 85 °C
H/W PLP function	✓	Operating relative humidity (H-H)	5 - 95%
Self-Encrypting Drive (SED)	✓	Non-operating vibration	3.13 G
End-to-End Data Protection	✓	Non-operating shock	1500 G
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Sustainability	
		Sustainability compliance	✓
		Other features	
		Compliance certificates	RoHS



0889488709144



889488709144

Catalog Object Cloud



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.