



Lenovo 4XB7A89423 internal solid state drive 1.92 TB 2.5" Serial ATA III V-NAND TLC



Brand : Lenovo

Product code: 4XB7A89423

Product name : 4XB7A89423

ThinkSystem 2.5" CM893a 1.92TB Read Intensive SATA 6Gb HS

[Lenovo 4XB7A89423 internal solid state drive 1.92 TB 2.5" Serial ATA III V-NAND TLC:](#)

The ThinkSystem CM893a Read Intensive SATA SSDs are general-purpose SSDs that are engineered for greater performance and endurance in a cost-effective design, and to support a broader set of workloads. With SED encryption as standard, these drives help ensure data security, even when the drive is removed from the server.

This product guide provides essential presales information to understand the CM893a 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 SSDs and consider their use in IT solutions.

Lenovo 4XB7A89423. SSD capacity: 1.92 TB, SSD form factor: 2.5", Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features

SSD capacity *	1.92 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
Memory type *	V-NAND TLC
Component for *	Server/workstation
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Random read (4KB)	97000 IOPS
Random write (4KB)	31000 IOPS
Random latency - read (up to)	120 µs
Random latency - write (up to)	40 µs
S.M.A.R.T. support	✓
ECC	✓
H/W PLP function	✓
End-to-End Data Protection	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read

Features

Mean time between failures (MTBF)	2000000 h
Drive writes per day (DWPD)	1
Certification	UL TUV FCC CE Mark C-Tick Mark BSMI (Taiwan) KCC (Korea EMI)

Power

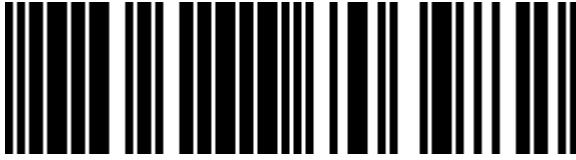
Power consumption (read)	2.2 W
Power consumption (write)	3.2 W

Weight & dimensions

Width	70 mm
Depth	100 mm
Height	7 mm
Weight	70 g

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Non-operating vibration	20 G
Non-operating shock	1500 G
Maximum operating altitude	3050 m



0889488703982



889488703982

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.