



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

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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		Features	
SSD capacity *	1.92 TB	Mean time between failures (MTBF)	2000000 h
SSD form factor *	2.5"	Drive writes per day (DWPD)	1
Interface *	Serial ATA III	Certification	UL TUV FCC CE Mark C-Tick Mark BSMI (Taiwan) KCC (Korea EMI)
Memory type *	V-NAND TLC	Power	
Component for *	Server/workstation	Power consumption (read)	2.2 W
Hardware encryption *	✓	Power consumption (write)	3.2 W
Data transfer rate	6 Gbit/s	Weight & dimensions	
Random read (4KB)	97000 IOPS	Width	70 mm
Random write (4KB)	31000 IOPS	Depth	100 mm
Random latency - read (up to)	120 µs	Height	7 mm
Random latency - write (up to)	40 µs	Weight	70 g
S.M.A.R.T. support	✓	Operational conditions	
ECC	✓	Operating temperature (T-T)	0 - 70 °C
H/W PLP function	✓	Operating relative humidity (H-H)	5 - 95%
End-to-End Data Protection	✓	Non-operating vibration	20 G
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Non-operating shock	1500 G
		Maximum operating altitude	3050 m



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