



# Lenovo 4XB7A08516 internal solid state drive 2.5" 800 GB PCI Express 3.0 3D TLC NAND NVMe



**Brand :** Lenovo

**Product code:** 4XB7A08516

**Product name :** 4XB7A08516

800GB Mainstream NVMe PCIe 3.0 x4 Hot Swap

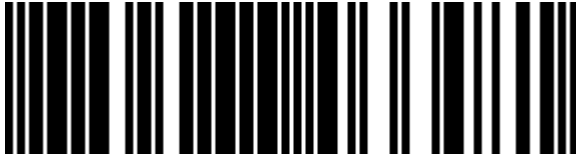
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The ThinkSystem Toshiba CM5-V Mainstream NVMe solid-state drives (SSDs) in capacities from 800 GB to 6.4 TB are advanced data center SSDs optimized for mixed read-write performance, endurance, and strong data protection for Lenovo servers. They are engineered for greater performance and endurance in a cost-effective design, and to support a broader set of workloads.

This product guide provides essential presales information to understand the Mainstream NVMe PCIe SSD offerings 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 4XB7A08516. SSD capacity: 800 GB, SSD form factor: 2.5", Component for: Server/workstation

Features		Features	
SSD form factor *	2.5"	Certification Underwriters Laboratories: UL60950-1 Canada: CAN/CSA-C22.2 No.60950-1 TUV: EN 60950-1 BSMI (Taiwan): CNS 13438 (CISPR Pub. 22 Class B): D33003 MSIP: KN22, KN24 (CISPR Pub. 22 Class B) Australia/New Zealand: AS/NZS CISPR32:2015 Class B Canada: ICES-003 Issue 6 Class B EMC: EN55022 (2010) Class B EMC: EN55024 (2010) RoHS 2011/65/EU: EN50581 (2012) Category 3	
SSD capacity *	800 GB		
Interface *	PCI Express 3.0		
Memory type *	3D TLC NAND		
NVMe *	✓		
Component for *	Server/workstation		
Random read (4KB)	370000 IOPS		
Random write (4KB)	95000 IOPS		
Random latency - read (up to)	110 µs		
Random latency - write (up to)	30 µs		
Hot-swap	✓		
Uncorrectable Bit Error Rate (UBER)	< 10 per 10 <sup>17</sup> bits read		
Mean time between failures (MTBF)	2500000 h		
Windows operating systems supported	✓		
Linux operating systems supported	✓		
		Power	
		Power consumption (max)	18 W
		Operational conditions	
		Operating temperature (T-T)	0 - 60 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	5 - 95%
		Operating vibration	2.17 G
		Non-operating shock	1000 G
		Maximum non-operating altitude	12192 m
		Maximum operating altitude	5486 m
		Weight & dimensions	
		Width	70 mm
		Depth	100 mm
		Height	15 mm
		Weight	130 g
		Other features	
		Other operating systems supported	✓



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