



Lenovo THINKSYSTEM M.2 PM9A3 960GB PCI Express 4.0 NVMe V-NAND



Brand : Lenovo

Product code: 4XB7A90102

Product name : THINKSYSTEM M.2 PM9A3 960GB

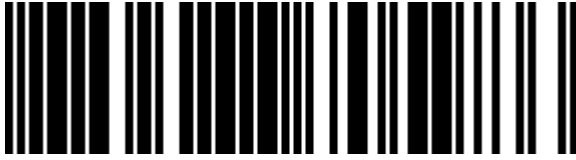
ThinkSystem M.2 PM9A3 960GB Read Intensive NVMe PCIe 4.0 x4 NHS

[Lenovo THINKSYSTEM M.2 PM9A3 960GB PCI Express 4.0 NVMe V-NAND:](#)

The ThinkSystem PM9A3 Read Intensive NVMe Solid-State Drives (SSDs) are general-purpose yet high-performance family of NVMe SSDs. 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 ThinkSystem PM9A3 Read Intensive NVMe SSDs 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 PM9A3 SSDs and consider their use in IT solutions. Lenovo THINKSYSTEM M.2 PM9A3 960GB. SSD capacity: 960 GB, SSD form factor: M.2, Read speed: 5000 MB/s, Write speed: 1400 MB/s, Component for: Server/workstation

Features		Features	
SSD capacity *	960 GB	End-to-End Data Protection	✓
SSD form factor *	M.2	Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read
Interface *	PCI Express 4.0	Mean time between failures (MTBF)	2000000 h
NVMe *	✓	Drive writes per day (DWPD)	1
Memory type *	V-NAND	Certification	c-UL-us CE TUV CB CE (EU)
Component for *	Server/workstation	Power	
Hardware encryption *	✓	Power consumption (read)	7.5 W
M.2 SSD size	22110 (22 x 110 mm)	Power consumption (write)	6.5 W
Read speed	5000 MB/s	Weight & dimensions	
Write speed	1400 MB/s	Width	22 mm
Random read (4KB)	550000 IOPS	Depth	110 mm
Random write (4KB)	60000 IOPS	Height	3.8 mm
Random latency - read (up to)	75 µs	Weight	9 g
Random latency - write (up to)	30 µs	Operational conditions	
Sequential latency - read (up to)	20 µs	Operating temperature (T-T)	0 - 70 °C
Sequential latency - write (up to)	20 µs	Storage temperature (T-T)	-40 - 85 °C
S.M.A.R.T. support	✓	Operating relative humidity (H-H)	5 - 95%
ECC	✓	Non-operating vibration	20 G
		Non-operating shock	1500 G
		Maximum operating altitude	3050 m



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