



Lenovo 4XB7A80327 internal solid state drive 7.68 TB 3.5" SAS V-NAND TLC

Brand : Lenovo Product code: 4XB7A80327

Product name : 4XB7A80327

ThinkSystem 3.5" PM1653 7.68TB Read Intensive SAS 24Gb HS SSD

Lenovo 4XB7A80327 internal solid state drive 7.68 TB 3.5" SAS V-NAND TLC:

The ThinkSystem PM1653 Read Intensive SAS 24Gb SSDs, in capacities of up to 30.72 TB, are next-generation high-performance 24Gb SAS self-encrypting SSDs (SEDs) suitable for a wide range of applications of running on ThinkSystem servers.

This product guide provides essential presales information to understand the PM1653 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 PM1653 SSDs and consider their use in IT solutions.

Lenovo 4XB7A80327. SSD capacity: 7.68 TB, SSD form factor: 3.5", Data transfer rate: 24 Gbit/s, Component for: Server

Features		Features	
SSD capacity *	7.68 TB	Certification	UL TUV FCC IC CB CE Mark C-Tick
SSD form factor *	3.5"		Mark BSMI (Taiwan) KCC (Korea EMI) VCCI
Interface *	SAS	Power	
Memory type *	V-NAND TLC	Power consumption (read)	11.5 W
Component for *	Server	Power consumption (write)	14.7 W
Data transfer rate	24 Gbit/s	Weight & dimensions	
Random read (4KB)	420000 IOPS	Width	70 mm
Random write (4KB)	110000 IOPS	Depth	100 mm
Random latency - read (up to)	120 μs	Height	15 mm
Random latency - write (up to)	45 μs	Weight	160 g
S.M.A.R.T. support	✓	Operational conditions	
Hot-swap	✓	Operating temperature (T-T)	0 - 70 °C
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Storage temperature (T-T)	-40 - 85 °C
Mean time between failures (MTBF)	2000000 h	Operating relative humidity (H-H)	5 - 95%
Drive writes per day (DWPD)	1	Non-operating vibration	20 G
		Non-operating shock	1500 G
		Sustainability	
		Sustainability compliance	✓
		Other features	
		Compliance certificates	RoHS



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