



Lenovo 4XB7A17055 internal solid state drive 7.68 TB 2.5" SAS V-NAND TLC

Brand : Lenovo

Product code: 4XB7A17055

Product name : 4XB7A17055



2.5" PM1643a 7.68TB Entry SAS 12Gb Hot Swap

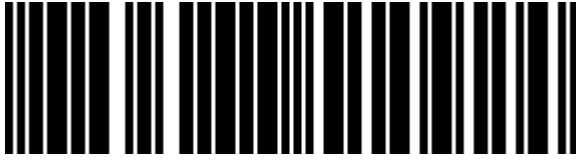
Lenovo 4XB7A17055 internal solid state drive 7.68 TB 2.5" SAS V-NAND TLC:

The PM1643a Entry SAS 12Gb solid-state drives (SSDs) from Lenovo provide high-performance, reliable storage solutions for high-capacity enterprise applications. Designed for dense storage and with a 12 Gb SAS interface, these drives feature all the capacity and performance that is needed to replace large numbers of 15K rpm and 10K rpm spinning disks, and consolidate storage into tightly packed server configurations.

This product guide provides essential presales information to understand the PM1643a Entry SAS 12Gb 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 4XB7A17055. SSD capacity: 7.68 TB, SSD form factor: 2.5", Data transfer rate: 12 Gbit/s, Component for: Server/workstation

Features		Features	
SSD capacity *	7.68 TB	Mean time between failures (MTBF)	2000000 h
SSD form factor *	2.5"	Certification	UL TUV FCC IC CB CE Mark C-Tick
Interface *	SAS		Mark BSMI (Taiwan) KCC (Korea EMI) VCCI
NVMe *	✗	Power	
Memory type *	V-NAND TLC	Power consumption (read)	9 W
Component for *	Server/workstation	Power consumption (write)	12 W
Hardware encryption *	✗	Weight & dimensions	
Data transfer rate	12 Gbit/s	Width	70 mm
Random read (4KB)	230000 IOPS	Depth	100 mm
Random write (4KB)	90000 IOPS	Height	15 mm
Random latency - read (up to)	130 µs	Weight	158 g
Random latency - write (up to)	45 µs	Operational conditions	
Read latency	240 µs	Operating temperature (T-T)	0 - 70 °C
Write latency	220 µs	Storage temperature (T-T)	-40 - 85 °C
S.M.A.R.T. support	✓	Operating relative humidity (H-H)	5 - 95%
Hot-swap	✓	Non-operating vibration	20 G
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Non-operating shock	1500 G
		Maximum operating altitude	4572 m
		Other features	
		Compliance certificates	RoHS



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