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4XB7A17043 – Storage Datasheet

Lenovo · DRIVE LFF

WHAT YOU NEED TO KNOW

SAS backplane supports SATA, not vice versa NL-SAS = SAS protocol at nearline (7.2K) speed
— NOT SATA

⚠ Gen8 LFF tray ≠ Gen10 tray — different screw holes

PRODUCT OVERVIEW

The ThinkSystem PM1645a Mainstream SAS 12Gb solid-state drives (SSDs) in capacities of up to 6.4 TB are next-generation high-performance SSDs suitable for a wide range of applications of running on ThinkSystem servers. This product guide provides essential presales information to understand the Mainstream 12Gb SAS 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.

WHERE IT FITS

LFF BAY → 4XB7A17043

SPECIFICATIONS

Part Number	4XB7A17043
Manufacturer	Lenovo
Form Factor	LFF
Capacity	1.6TB

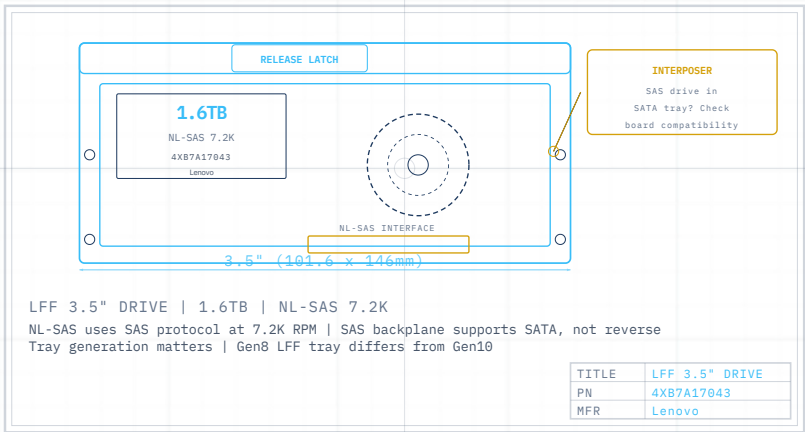
BROWSE LENOVO MACHINES

[ThinkSystem SR650 V1](#)[ThinkSystem SR650 V2](#)[ThinkSystem SR630 V1](#)[ThinkSystem SR630 V2](#)[System x3650 M5](#)[System x3550 M5](#)[ThinkServer RD550](#)[System x IBM System x3650 M4](#)

ThinkServer RD650
 SD530
 System x3500 M4
 ThinkServer RD350

[All Lenovo machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- LFF Form Factor
- 1.6TB Capacity

TYPICAL APPLICATIONS

- Enterprise storage arrays and SANs
- Direct-attached storage (DAS) expansion
- Database tier storage (OLTP, OLAP)
- Virtual machine datastore expansion
- Backup-to-disk and disaster recovery targets
- Content delivery and media streaming storage

SUBSTITUTES & CROSS-REFERENCES
 1

02JG495
 Compatible
 PARTNER

IBM 1.6Tb SAS 12G LFF Samsung PM1645a
 Mainstream SSD for ThinkSystem - FRU
 compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR
 1

02JG495
 SUBSTITUTE

IBM 1.6Tb SAS 12G LFF Samsung PM1645a Mainstream SSD for ThinkSystem - Option
 LENOVO

FREQUENTLY ASKED QUESTIONS

What is 4XB7A17043?

4XB7A17043 is a Lenovo 4XB7A17043 internal solid state drive 1.6 TB 3.5" SAS manufactured by Lenovo.

What parts can replace 4XB7A17043?

There is 1 known substitute for 4XB7A17043: 02JG495. Substitute compatibility should be verified for your specific system.

✓ PartsTable — the parts reference. Every fact cited to its source.



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PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.