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00FN149 – Storage Datasheet

Lenovo · STORAGE_HDD · 2.5_SAS_HDD

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

Lenovo 00FN149 internal hard drive 4 TB 7200 RPM 3.5" NL-SATA. Key specifications include Type: HDD, HDD size: 3.5", HDD speed: 7200 RPM, Interface: NL-SATA, HDD capacity: 4 TB, Component for: Server/workstation. The unit ships in a LFF form factor suitable for standard rack-mount installations.

Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS



SPECIFICATIONS

Type	HDD
HDD size	3.5"
HDD speed	7200 RPM
Interface	NL-SATA
HDD capacity	4 TB
Component for	Server/workstation
Operating voltage	5 / 12 V
Quantity per pack	1 pc(s)

FITS THESE MACHINES

Lenovo System x IBM System x3650 M4

Lenovo System x3100 M5

Lenovo System x3300 M4

Lenovo System x3500 M5

Lenovo System x3500 M4

Lenovo System x3530 M4

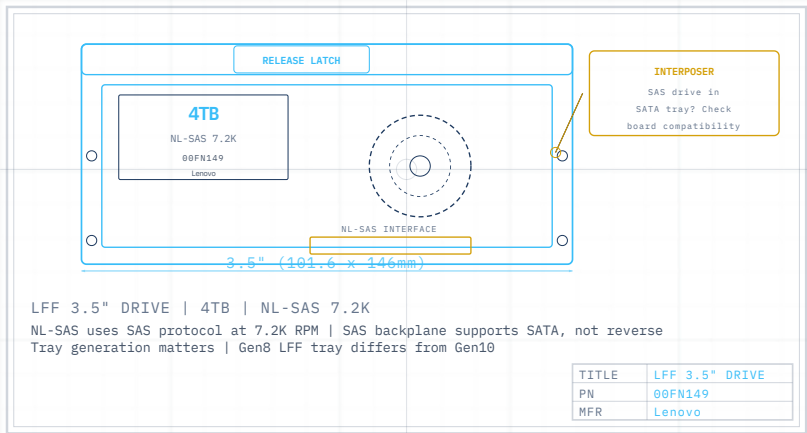
Lenovo System x3550 M4

Lenovo System x3550 M5

Lenovo System x3630 M4

Lenovo System x3650 M5

COMPONENT DIAGRAM



KEY FEATURES

- LFF Form Factor
- 4TB 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
 2

00FN148
Compatible
PARTNER

IBM 4Tb SATA 6G 7.2K LFF Simple Swap G2 512e HDD
 - Option
 compatible

00FN150
Compatible
PARTNER

IBM 4Tb SATA 6G 7.2K LFF Simple Swap G2 512e HDD
 - SBB
 compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR
 2

00FN148
SUBSTITUTE

IBM 4Tb SATA 6G 7.2K LFF Simple Swap G2 512e HDD - FRU
 IBM

00FN150
SUBSTITUTE

IBM 4Tb SATA 6G 7.2K LFF Simple Swap G2 512e HDD - FRU
 IBM

FREQUENTLY ASKED QUESTIONS

What is 00FN149?

00FN149 is a Lenovo 00FN149 internal hard drive 4 TB 7200 RPM 3.5" NL-SATA manufactured by Lenovo. It is classified as a STORAGE_HDD (2.5_SAS_HDD).

What parts can replace 00FN149?

There are 2 known substitutes for 00FN149: 00FN148, 00FN150. 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.