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7Y37A01091 – Storage Datasheet

Lenovo · STORAGE_HDD · 2.5_SAS_HDD

WHAT YOU NEED TO KNOW

SAS HDD backplane accepts SATA drives, SATA backplane does NOT accept SAS 2.5" SAS HDDs come with or without carrier/tray — ALWAYS ASK

⚠ ALWAYS confirm carrier/tray PN — server-specific trays vary by generation

PRODUCT OVERVIEW

The Lenovo ThinkSystem 430-8e and 430-16e SAS/SATA 12Gb HBAs are high performance host bus adapters for external storage connectivity in ThinkSystem servers. The 430-8e provides two x4 external mini-SAS HD connectors with eight lanes of 12 Gbps SAS. The 430-16e provides four x4 external mini-SAS HD connectors with 16 lanes of 12 Gbps SAS. This product guide provides essential presales information to understand the ThinkSystem external HBAs 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 HBAs and consider their use in IT solutions.

WHERE IT FITS

STORAGE_HDD → 2.5_SAS_HDD →

7Y37A01091

SPECIFICATIONS

Part Number	7Y37A01091
Manufacturer	Lenovo
Capacity	12GB

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

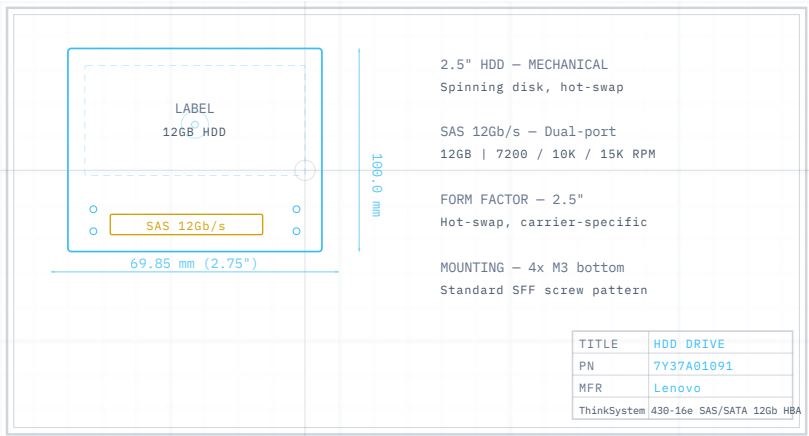
SD530

System x3500 M4

ThinkServer RD350

[All Lenovo machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- 12GB Capacity

TYPICAL APPLICATIONS

- Data center top-of-rack switching
- High-speed server interconnects (10G/25G/40G/100G)
- Storage network fabric (iSCSI, FCoE)
- Campus and branch network infrastructure
- Firewall and security appliance connectivity
- WAN edge and SD-WAN deployments

SUBSTITUTES & CROSS-REFERENCES

1

01KN503
Compatible
PARTNER

IBM SAS 12G 430-16e SAS/SATA Zero Cache 4-Port
 EXT SFF-8644 PCI-E-3.0x8 Broadcom SAS3416
 Controller for ThinkSystem - FRU
 compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR

1

01KN503
SUBSTITUTE

IBM SAS 12G 430-16e SAS/SATA Zero Cache 4-Port EXT SFF-8644 PCI-E-3.0x8 Broadcom SAS3416 Controller for ThinkSystem - Option

LENOVO

FREQUENTLY ASKED QUESTIONS

What is 7Y37A01091?

7Y37A01091 is a ThinkSystem 430-16e SAS/SATA 12Gb HBA manufactured by Lenovo. It is classified as a STORAGE_HDD (2.5_SAS_HDD).

What parts can replace 7Y37A01091?

There is 1 known substitute for 7Y37A01091: 01KN503. 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.