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0C44496 – 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

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - FRU. 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

LFF BAY



0C44496

SPECIFICATIONS

Part Number	0C44496
Manufacturer	LENOVO
Form Factor	LFF
Capacity	500GB
Speed	7.2K RPM

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

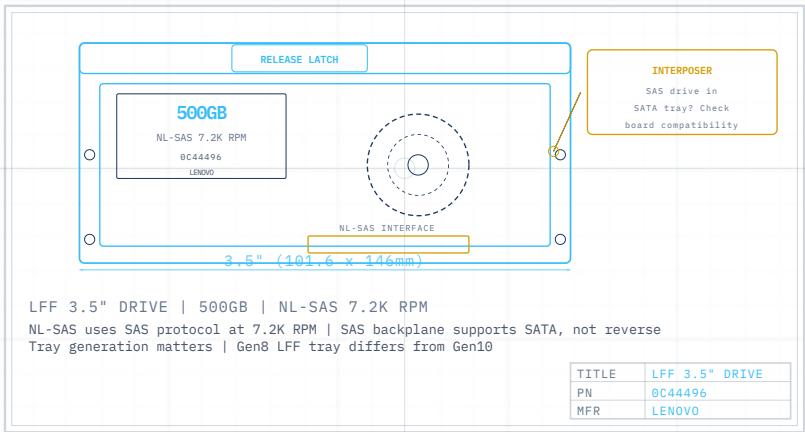
SD530

System x3500 M4

ThinkServer RD350

[All Lenovo machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- LFF Form Factor
- 500GB Capacity
- 7.2K RPM Speed

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 6

- 0A89473

Compatible

PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - Option compatible
- 03T7725

Compatible

PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - FRU compatible
- 03T7844

Compatible

PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - FRU compatible

LIFECYCLE

No lifecycle data available.

03X3949 Compatible PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - FRU compatible

0A91268 Compatible PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N compatible

0C19516 Compatible PARTNER

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - Option compatible

THIS PART SUBSTITUTES FOR 6

03T7725 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

03T7844 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

03X3949 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

0A89473 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

0A91268 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

0C19516 SUBSTITUTE

IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - P/N LENOVO

FREQUENTLY ASKED QUESTIONS

What is 0C44496?

0C44496 is a IBM 500Gb SATA 6G 7.2K LFF HDD for ThinkServer - FRU manufactured by LENOVO.

What parts can replace 0C44496?

There are 6 known substitutes for 0C44496: 0A89473, 03T7725, 03T7844 and 3 more. 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.