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45J6212 – 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

Lenovo introduces new Lenovo ThinkServer Hard Drives with world-class technology and value demanded by today's small and medium business (SMB) internal storage environments. The new internal storage portfolio consists of SATA and SAS drives. ThinkServer SAS drives provide higher through-put and reliability for mission-critical and mid-market applications.

Lenovo ThinkServer SAS drives are available as Hot-Swap 3.5-inch form factor with a three-year warranty.

Features & Benefits:

- 3 Gb high performance (15K rpm).
- Higher bandwidth 300 MB/s point-to-point links.
- Grouping of multiple links for wide links of 300 MB/s is possible.

- Additionally flexible and scalable to take full advantage of system bandwidth.
- Simplified signal routing and cabling.
- Medium form factor (3.5-inch).

WHERE IT FITS

LFF BAY



45J6212

SPECIFICATIONS

Part Number	45J6212
Manufacturer	Lenovo
Form Factor	LFF
Capacity	300GB

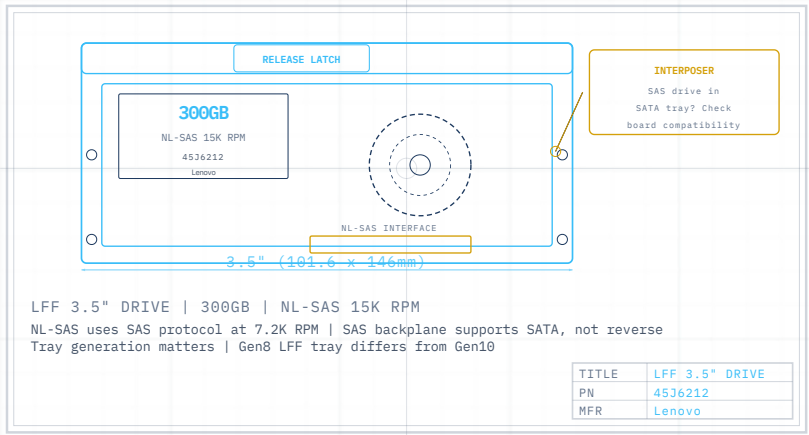
Speed15K RPM

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
- 300GB Capacity
- 15K 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-REFERENCES2

- 45J9660** Compatible PARTNER
IBM 300Gb SAS 3G 15K LFF HDD for ThinkServer - FRU compatible
- 46U1008** Compatible PARTNER
IBM 300Gb SAS 3G 15K LFF HDD for ThinkServer - P/N

LIFECYCLE

No lifecycle data available.

compatible

THIS PART SUBSTITUTES FOR 2

45J9660 SUBSTITUTE

IBM 300Gb SAS 3G 15K LFF HDD for ThinkServer - Option
LENOVO

46U1008 SUBSTITUTE

IBM 300Gb SAS 3G 15K LFF HDD for ThinkServer - Option
LENOVO

FREQUENTLY ASKED QUESTIONS

What is 45J6212?

45J6212 is a Lenovo ThinkServer 300GB 15K 3.5" Hot-Swap (Dual Port) SAS Drive internal hard drive 15000 RPM 3.5" manufactured by Lenovo.

What parts can replace 45J6212?

There are 2 known substitutes for 45J6212: 45J9660, 46U1008. Substitute compatibility should be verified for your specific system.

Is 45J6212 still available?

45J6212 is currently Unknown.

✓ 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.