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42D0777 – Storage Datasheet

IBM · STORAGE_HDD · 3.5_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

IBM 1TB 7.2K 6Gbps NL SAS 3.5" HS HDD

IBM 1TB 7.2K 6Gbps NL SAS 3.5" HS HDD. 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.

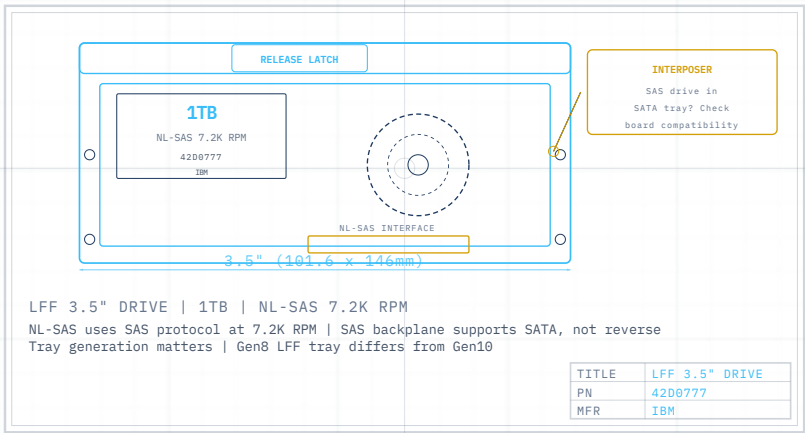
WHERE IT FITS



SPECIFICATIONS

Part Number	42D0777
Manufacturer	IBM
Form Factor	LFF
Capacity	1TB
Speed	7.2K RPM

COMPONENT DIAGRAM



KEY FEATURES

- LFF Form Factor
- 1TB 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 5

49Y7462 Substitute BROKER-VERIFIED
IBM 1TB 7.2k 6gbps NL SAS 3.5" HS HDD
substitute

42D0778 Substitute BROKER-VERIFIED
IBM 1TB 7.2k 6gbps NL SAS 3.5" HS HDD
substitute

42D0781 Substitute BROKER-VERIFIED
IBM 1TB 7.2k 6gbps NL SAS 3.5" HS HDD
substitute

41Y8470 Compatible PARTNER
IBM 1TB SAS 6G 7.2k LFF HDD - P/n
compatible

42D0779 Compatible PARTNER
IBM 1TB SAS 6G 7.2k LFF HDD - Sbb
compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 5

41Y8470 SUBSTITUTE

IBM 1Tb SAS 6G 7.2K LFF HDD - Option
IBM

42D0778 SUBSTITUTE

IBM 1Tb SAS 6G 7.2K LFF HDD - Option
IBM

42D0779 SUBSTITUTE

IBM 1Tb SAS 6G 7.2K LFF HDD - Option
IBM

42D0781 SUBSTITUTE

IBM 1Tb SAS 6G 7.2K LFF HDD - Option
IBM

49Y7462 SUBSTITUTE

IBM 1Tb SAS 6G 7.2K LFF HDD - Option
IBM

FREQUENTLY ASKED QUESTIONS

What is 42D0777?

42D0777 is a IBM 1TB 7.2k 6gbps NL SAS 3.5" HS HDD manufactured by IBM. It is classified as a STORAGE_HDD (3.5_SAS_HDD).

What parts can replace 42D0777?

There are 5 known substitutes for 42D0777: 49Y7462, 42D0778, 42D0781 and 2 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.