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42C0463

42C0463 – IBM 250Gb Simple Swap SATA II HDD

✓ Government record, cited

— · STORAGE_HDD · 3.5_SATA_HDD

PRODUCT OVERVIEW

42C0463 is IBM 250Gb Simple Swap SATA II HDD.

IBM 250Gb Simple Swap SATA II HDD. Key specifications include data_storage_capacity: 250.0 GIGABYTES, end_item_identification: ALH-210228-001(318U8), NAC 3315 SERVER, part_name_assigned_by_controlling_agency: NAVY: HDD, 250GB SATA; CAGE: 250 GB 7200 RPM SIMPLE-SWAP SATA HARD DRIVE GB. This part is cataloged in the U.S.

Government catalog under NSN 7025-01-615-9397, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

STORAGE_HDD →

3.5_SATA_HDD → **42C0463**

NSN: 7025-01-615-9397
FSC: 7025 — Information Technology Input/output and Storage Devices
CAGE: 8W884 — INTERNATIONAL BUSINESS MACHINES CORPORATION (USA)

SPECIFICATIONS

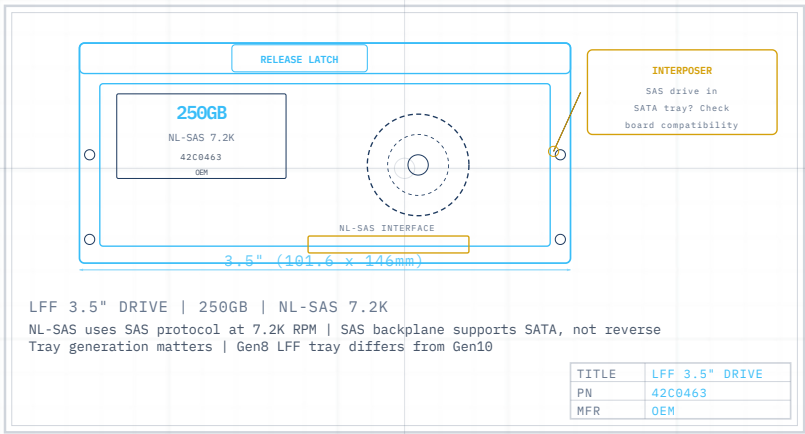
data_storage_capacity	250.0 GIGABYTES
end_item_identification	ALH-210228-001(318U8), NAC 3315 SERVER
part_name_assigned_by_controlling_agency	NAVY: HDD, 250GB SATA; CAGE: 250 GB 7200 RPM SIMPLE-SWAP SATA

HARD DRIVE
GB

NSN

7025-01-
615-9397

COMPONENT DIAGRAM



KEY FEATURES

- 250GB Capacity
- DATA STORAGE CAPACITY: 250.0 GIGABYTES

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

TECHNICAL CHARACTERISTICS

PART NAME ASSIGNED BY CONTROLLING AGENCY	NAVY: HDD, 250GB SATA; CAGE: 250 GB 7200 RPM SIMPLE-SWAP SATA HARD DRIVE GB
END ITEM IDENTIFICATION	ALH-210228-001(318U8), NAC 3315 SERVER
DATA STORAGE CAPACITY	250.0 GIGABYTES

OTHER ITEMS IN FSC 7025 — INFORMATION TECHNOLOGY INPUT/OUTPUT AND STORAGE DEVICES

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

- 7025-00-001-2681
- 7025-00-001-5588
- 7025-00-001-6998
- 7025-00-001-6999

7025-00-001-7000

7025-00-001-7025

7025-00-001-7026

7025-00-001-7027

SUBSTITUTES & CROSS-REFERENCES 9

39M4508 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - Option compatible

39M4509 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - SBB compatible

39M4510 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - FRU compatible

39M4511 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - FRU compatible

39M4537 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - SBB compatible

43W7594 Compatible PARTNER

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - Option compatible

LIFECYCLE

NSN status

Active

· U.S. Government catalog

Demilitarization required — mutilation + specific procedure

THIS PART SUBSTITUTES FOR 18

39M0141 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N IBM

39M4508 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N IBM

39M4509 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N IBM

39M4510 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N IBM

39M4511 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

39M4537 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

40K6872 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

40K6875 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

41Y8288 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

42C0452 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

43W7594 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

43W7750 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

43W7753 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

46M2974 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

71P7299 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

73P8006 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

73P8008 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

73P8018 SUBSTITUTE

IBM 250Gb SATA 3G 7.2K LFF Simple Swap HDD - P/N
IBM

FREQUENTLY ASKED QUESTIONS

What is 42C0463?

42C0463 is a IBM 250Gb Simple Swap SATA II HDD. It is classified as a STORAGE_HDD (3.5_SATA_HDD).

What parts can replace 42C0463?

There are 9 known substitutes for 42C0463: 39M4508, 39M4509, 39M4510 and 6 more. Substitute compatibility should be verified for your specific system.

What is the NSN for 42C0463?

42C0463 is cataloged in the U.S. Government catalog under NSN 7025-01-615-9397. This indicates validated use in U.S. government and defense supply chains.

✓ PartsTable — the parts reference. Every fact cited to its source.

 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.