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46M0907 – IBM 6GB SAS HBA Controller

✓ Government record, cited

IBM · CONTROLLER · RAID_HBA

PRODUCT OVERVIEW

46M0907: IBM 6GB SAS HBA Controller.

The IBM 6GB SAS HBA Controller is a IBM networking component designed for high-speed data center interconnects and enterprise network infrastructure. Key specifications include OVERALL WIDTH: 6.600 INCHES NOMINAL IN, OVERALL HEIGHT: 2.700 INCHES NOMINAL IN, END ITEM IDENTIFICATION: COMPUTER, PART NAME ASSIGNED BY CONTROLLING AGENCY: 6GB SAS HBA GB. This part is cataloged in the U.S.

Government catalog under NSN 5998-01-616-4639, 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

CONTROLLER → RAID_HBA →

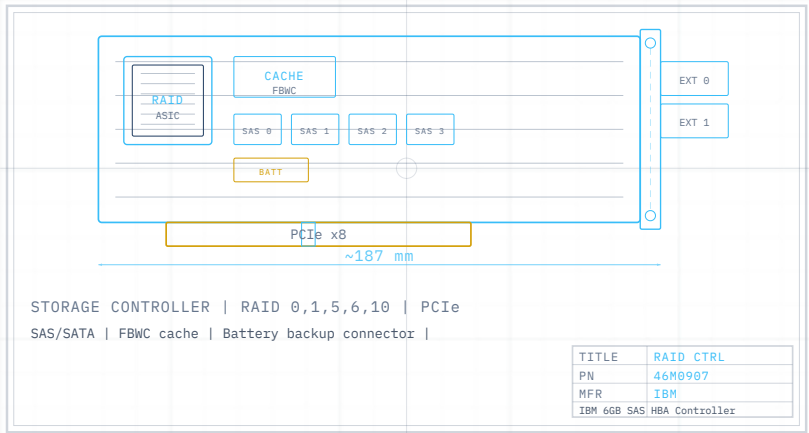
46M0907

NSN: 5998-01-616-4639
FSC: 5998 — Electrical and Electronic Assemblies, Boards, Cards, and Associated Hardware
CAGE: 30874 — INTERNATIONAL BUSINESS MACHINES CORPORATION DBA IBM (USA)

SPECIFICATIONS

OVERALL WIDTH	6.600 INCHES NOMINAL IN
OVERALL HEIGHT	2.700 INCHES NOMINAL IN
END ITEM IDENTIFICATION	COMPUTER
PART NAME ASSIGNED BY CONTROLLING AGENCY	6GB SAS HBA GB
NSN	5998-01-616-4639

COMPONENT DIAGRAM



KEY FEATURES

- 6GB 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

TECHNICAL CHARACTERISTICS

OVERALL HEIGHT	2.700 INCHES NOMINAL IN
OVERALL WIDTH	6.600 INCHES NOMINAL IN
PART NAME ASSIGNED BY CONTROLLING AGENCY	6GB SAS HBA GB
END ITEM IDENTIFICATION	COMPUTER

OTHER ITEMS IN FSC 5998 — ELECTRICAL AND ELECTRONIC ASSEMBLIES, BOARDS, CARDS, AND ASSOCIATED HARDWARE

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

5998-00-000-0087	5998-00-000-0089	5998-00-000-0154	5998-00-000-0173
5998-00-000-0175	5998-00-000-0177	5998-00-001-1267	5998-00-001-1271

SUBSTITUTES & CROSS-REFERENCES 1

LIFECYCLE

46C8935
Substitute
BROKER-VERIFIED

 IBM 6GB SAS HBA Controller

 substitute

NSN status
 Active
 · U.S. Government catalog

No demilitarization required

THIS PART SUBSTITUTES FOR
 7

90Y4579
SUBSTITUTE

 IBM SAS 6G 1-Port EXT SFF-8088/4-Port INT SATA PCI-E-2.0x8 LSI 9212-4i4e Controller - Option

 IBM

46C8934
SUBSTITUTE

 IBM SAS 6G 1-Port EXT SFF-8088/4-Port INT SATA PCI-E-2.0x8 LSI 9212-4i4e Controller - Option

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46C8935
SUBSTITUTE

 IBM SAS 6G 1-Port EXT SFF-8088/4-Port INT SATA PCI-E-2.0x8 LSI 9212-4i4e Controller - Option

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68Y7353
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68Y7355
SUBSTITUTE

 IBM SAS 6G 1-Port EXT SFF-8088/4-Port INT SATA PCI-E-2.0x8 LSI 9212-4i4e Controller - Option

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FREQUENTLY ASKED QUESTIONS

What is 46M0907?

 46M0907 is a IBM 6GB SAS HBA Controller manufactured by IBM. It is classified as a CONTROLLER (RAID_HBA).

What parts can replace 46M0907?

 There is 1 known substitute for 46M0907: 46C8935. Substitute compatibility should be verified for your specific system.

What is the NSN for 46M0907?

 46M0907 is cataloged in the U.S. Government catalog under NSN 5998-01-616-4639. 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.