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42C2069 – CIRCUIT CARD ASSEMBLY

✓ Government record, cited

Lenovo · CABLE ASSEMBLY

PRODUCT OVERVIEW

42C2069: CIRCUIT CARD ASSEMBLY.

The IBM 4Gb Fibre Channel Single-Port PCI-Express HBAs for System x is a high performance PCI-Express host bus adapter (HBA) solution. The HBA balances the advanced bus speeds and efficiency of PCI-Express with exceptional 4Gb Fibre Channel performance. Ideal for large or mixed-OS SAN environments, the HBA uses the same drivers and management tools as the Emulex 4Gb Fibre Channel PCI-X HBAs for IBM System x.

The unique Service Level Interface (SLI) driver architecture, which enables the independence of the operating systems device driver from the underlying HBA platform, will allow OEMs and end users to migrate easily to this new system architecture (without having to change or rewrite driver utilities). The HBA is supported by HBAnywhere, an easy-to-use and comprehensive HBA management suite. HBAnywhere is a driver-based technology that enables discovery and complete management of HBAs within the SAN.

The application helps to reduce total cost of ownership and planned downtime while en This part is cataloged in the U.S. Government catalog under NSN 5998-01-566-8533, indicating validated use in U.S. government and defense logistics supply chains.

WHERE IT FITS

42C2069

NSN: 5998-01-566-8533
FSC: 5998 — Electrical and Electronic Assemblies, Boards, Cards, and Associated Hardware
CAGE: 1U0E6 — IBM (USA)

SPECIFICATIONS

end_item_identification	DIGITAL COMPUTER SYSTEM
part_name_assigned_by_controlling_agency	EMULEX 4GB FIBRE CHANNEL HOST BUSADAPTER PCI-E CONTROLLER

SINGLE PORT
GB

NSN

5998-01-
566-8533

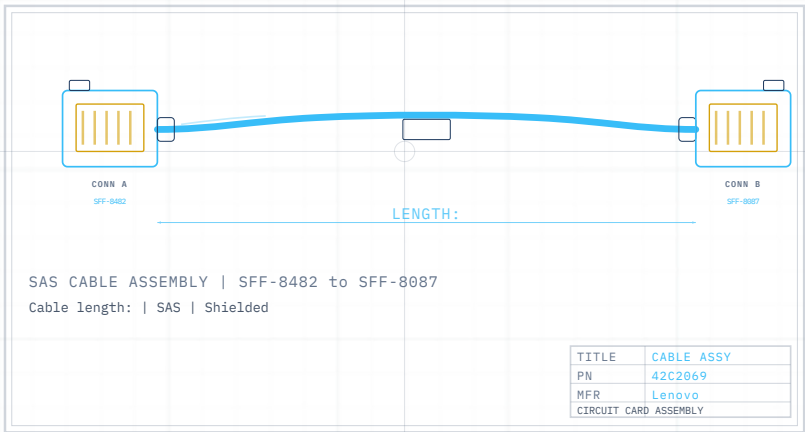
MORE FROM LENOVO

Popular Lenovo machine pages — browsing only, not a fit claim for 42C2069.

- 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



TECHNICAL CHARACTERISTICS

PART NAME ASSIGNED BY CONTROLLING AGENCY	EMULEX 4GB FIBRE CHANNEL HOST BUSADAPTER PCI-E CONTROLLER SINGLE PORT GB
END ITEM IDENTIFICATION	DIGITAL COMPUTER SYSTEM

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 6

10N7249 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller compatible

42C2070 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - FRU compatible

42C2083 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller compatible

43W7491 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - SBB compatible

43W7509 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller compatible

43W7510 Compatible PARTNER

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller compatible

LIFECYCLE

NSN status Active · U.S. Government catalog

Demilitarization required – critical (Q)

THIS PART SUBSTITUTES FOR 6

10N7249 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option IBM

42C2070 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option IBM

42C2083 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option IBM

43W7491 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option
IBM

43W7509 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option
IBM

43W7510 SUBSTITUTE

IBM FC 4Gb 1-Port PCI-E-1.0 x4 Emulex LPe11000 Controller - Option
IBM

FREQUENTLY ASKED QUESTIONS

What is 42C2069?

42C2069 is a CIRCUIT CARD ASSEMBLY manufactured by Lenovo.

What parts can replace 42C2069?

There are 6 known substitutes for 42C2069: 10N7249, 42C2070, 42C2083 and 3 more. Substitute compatibility should be verified for your specific system.

What is the NSN for 42C2069?

42C2069 is cataloged in the U.S. Government catalog under NSN 5998-01-566-8533. 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.