



[Home](#) › [IBM](#) › [Network Hardware](#) › [EC2T](#)

EC2T – Network Technical Data

✓ Government record, cited

IBM · NETWORK · 10GBE_NIC

WHAT YOU NEED TO KNOW

RJ45 = copper (needs CAT6) | SFP+ = fiber (needs transceiver) FLR = FlexibleLOM (HPE integrated) — NOT standard PCIe

⚠ Bracket height MUST match chassis — Full Height (2U) vs Low Profile (1U)

PRODUCT OVERVIEW

The Combo PCMCIA EthernetCard comes with everything needed to get up and running with your network software fast! Because it supports all major PCMCIA driver libraries--Cardsoft, Cardware, Phoenix, and more--the EthernetCard can be recognized, initialized, and ready to go only seconds after you slide it into your PC's PCMCIA slot. It's fully software-configurable, which means there are no jumpers or switches to set. And because it's both Novell NE2000-compliant and Windows 98 Plug-and-Play compatible, you'll never have to worry about finding the right network driver--it's guaranteed to run seamlessly with your network software.

Housed in a road-tested, stainless steel shell, the Combo PCMCIA EthernetCard includes a 128KB flash RAM for quick upgrades, 16KB ring buffer for fast file transfers, and an auto-sensing media coupler with both 10BaseT and thin coax ports on board. For a quick network connection that's both portable and easy-to-use, major industry publications like Windo This part is cataloged in the U.S. Government catalog under NSN 6625-01-691-5143, indicating validated use in U.S.

government and defense logistics supply chains.

WHERE IT FITS

NETWORK



10GBE_NIC



EC2T

SPECIFICATIONS

Part Number EC2T

Manufacturer IBM

NSN: 6625-01-691-5143
FSC: 6625 — Electrical and Electronic Properties
 Measuring and Testing Instruments
CAGE: 59797 — SAFRAN TRUSTED 4D INC.
 (USA)

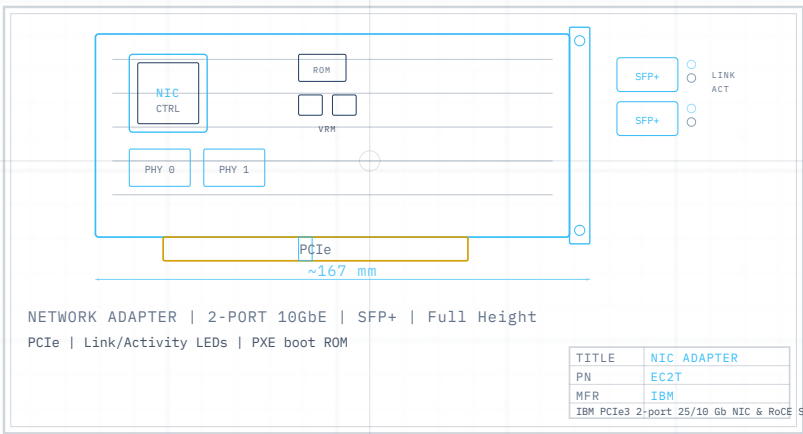
Capacity	10GB
NSN	6625-01-691-5143

BROWSE IBM MACHINES

- 160/320Gb Escon Tape Drive Int (Ts1130)
- 1600/3200Gb Lto Tape FC-8Gb Hh (Ts3100/Ts3200)
- 2145-Sv1 San Volume Controller
- 2147-Sa2 San Volume Controller
- 2500/6250Gb Lto Tape FC-8Gb (Ts3310)
- 2812 Xivg2 2Tb Data Module (Fc 1126)
- 2812 Xivg2 2Tb Interface Module (Fc 1125)
- 2812 Xivg2 2Tb Lv Cod Data Module (Fc 1117)
- 3.5Ghz Cpu 12C (Fc Epxh) Power8
- 4/24-Port FC-8Gb San Switch (San06B-R)
- 7042 Hmc 2.4Ghz/15Mb/6C (E5-2620V3)
- 8247-22L (S22L) Power8

[All IBM machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- 10GB Capacity
- CIRCUIT CONSTRUCTION TYPE: ELECTROMECHANICAL
- SIGNAL DATA TYPE PER CHANNEL: OPERATING CHANNEL TIME
- OUTPUT WAVE SHAPE: SINE
- INCLOSURE TYPE: ENCASED
- CONTROL TYPE: REMOTE

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

- **FREQUENCY PER CHANNEL: 10.0 MEGAHERTZ NOMINAL OUTPUT CHANNEL**
- **OPERATING AC FREQUENCY IN HERTZ: 48.0 MINIMUM SINGLE VOLTAGE AND 63.0 MAXIMUM SINGLE VOLTAGE**
- **OPERATING CONTROL METHOD: AUTOMATIC**

TECHNICAL CHARACTERISTICS

CIRCUIT CONSTRUCTION TYPE	ELECTROMECHANICAL
SIGNAL DATA TYPE PER CHANNEL	OPERATING CHANNEL TIME
OUTPUT WAVE SHAPE	SINE
INCLOSURE TYPE	ENCASED
CONTROL TYPE	REMOTE
FREQUENCY PER CHANNEL	10.0 MEGAHERTZ NOMINAL OUTPUT CHANNEL
OPERATING AC FREQUENCY IN HERTZ	48.0 MINIMUM SINGLE VOLTAGE AND 63.0 MAXIMUM SINGLE VOLTAGE
OPERATING CONTROL METHOD	AUTOMATIC
BASIC SHAPE STYLE	RECTANGULAR OR SQUARE
STORAGE TEMP RANGE	-40.0 TO 85.0 CELSIUS DEGC

OTHER ITEMS IN FSC 6625 — ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS

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

6625-00-000-0309	6625-00-000-0480	6625-00-001-1338	6625-00-001-1341
6625-00-001-1371	6625-00-001-1373	6625-00-001-1374	6625-00-001-1377

SUBSTITUTES & CROSS-REFERENCES
1

01FT753
Substitute
BROKER-VERIFIED

IBM PCIe3 2-port 25/10 Gb NIC & RoCE SFP28 substitute

LIFECYCLE

NSN status
 Active
 · U.S. Government catalog

No demilitarization required

FREQUENTLY ASKED QUESTIONS

What is EC2T?

EC2T is a IBM PCIe3 2-port 25/10 Gb NIC & RoCE SFP28 manufactured by IBM. It is classified as a NETWORK (10GBE_NIC).

What parts can replace EC2T?

There is 1 known substitute for EC2T: 01FT753. Substitute compatibility should be verified for your specific system.

Is EC2T still available?

EC2T is currently Unknown.

✓ 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.