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49Y4233 – Network Technical Data

IBM · NIC ADAPTER

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

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580). Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

49Y4233

SPECIFICATIONS

Part Number	49Y4233
Manufacturer	IBM
Interface	1GbE
Capacity	1GB

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)

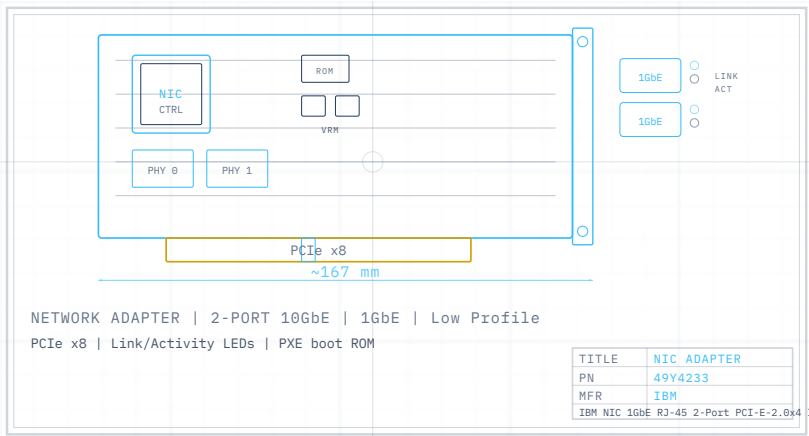
2812 Xivg2 2Tb Data Module (Fc 1126)

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

- 1GbE Interface
- 1GB 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

SUBSTITUTES & CROSS-REFERENCES 4

- 49Y4230

Compatible

PARTNER

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) - Option compatible
- 49Y4231

Compatible

PARTNER

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) - FRU compatible
- 49Y4232

Compatible

PARTNER

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580)

LIFECYCLE

No lifecycle data available.

compatible

94Y5166
Compatible
PARTNER

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) - FRU
 compatible

THIS PART SUBSTITUTES FOR
 4

94Y5166
SUBSTITUTE

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) - SBB
 IBM

49Y4230
SUBSTITUTE

IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) - SBB
 IBM

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 IBM

FREQUENTLY ASKED QUESTIONS

What is 49Y4233?

49Y4233 is a IBM NIC 1GbE RJ-45 2-Port PCI-E-2.0x4 I340-T2 LP Controller (Intel 82580) manufactured by IBM.

What parts can replace 49Y4233?

There are 4 known substitutes for 49Y4233: 49Y4230, 49Y4231, 49Y4232 and 1 more. Substitute compatibility should be verified for your specific system.

Is 49Y4233 still available?

49Y4233 is currently Unknown.

✓ 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.