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01PE285 – IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - P/N

LENOVO · NIC ADAPTER

PRODUCT OVERVIEW

01PE285: IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - P/N. It is cited to fit LENOVO Uncategorized SD530, LENOVO ThinkSystem SR630 V1, LENOVO ThinkSystem SR630 V2 and 2 more listed machines.

IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - P/N. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

SPECIFICATIONS

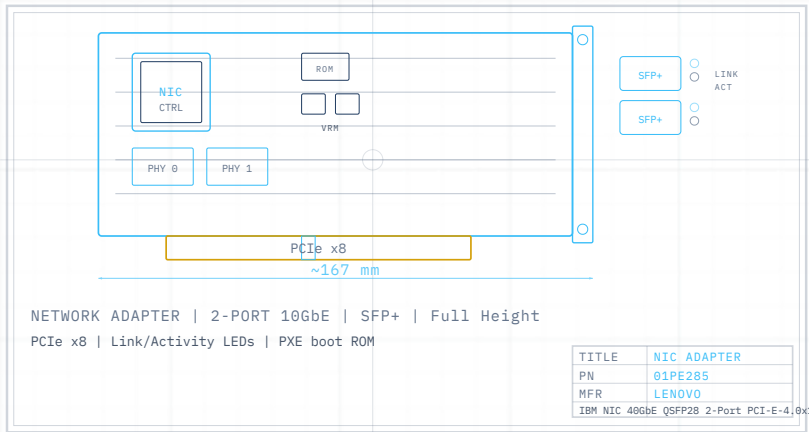
Part Number	01PE285
Manufacturer	LENOVO
Capacity	40GB

FITS THESE MACHINES

- [Lenovo SD530](#)
- [Lenovo ThinkSystem SR630 V1](#)
- [Lenovo ThinkSystem SR630 V2](#)
- [Lenovo ThinkSystem SR650 V1](#)

Lenovo ThinkSystem SR650 V2

COMPONENT DIAGRAM



KEY FEATURES

- 40GB 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
 2

4XC7A08229
Compatible
PARTNER
 IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - Option compatible

SN37A18655
Compatible
PARTNER
 IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - P/N compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR
 2

SN37A18655
SUBSTITUTE
 IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - FRU

LENOVO

4XC7A08229 **SUBSTITUTE**

IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - FRU
LENOVO

FREQUENTLY ASKED QUESTIONS

What is 01PE285?

01PE285 is a IBM NIC 40GbE QSFP28 2-Port PCI-E-4.0x16 Mellanox ConnectX-5 Ex EN Controller for ThinkSystem - P/N manufactured by LENOVO.

What parts can replace 01PE285?

There are 2 known substitutes for 01PE285: 4XC7A08229, SN37A18655. Substitute compatibility should be verified for your specific system.

✓ 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.