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840140-001 – Ethernet 10/25Gb 2-port 640SFP28 adapter, PCIe card form-factor - Has two dual 10/25Gbe SFP28 ports capable of 50 Gbps bi-directional, 100 Gb/s aggregate bi-dir

HPE · NETWORK · 100GBE_NIC

PRODUCT OVERVIEW

840140-001: Ethernet 10/25Gb 2-port 640SFP28 adapter, PCIe card form-factor - Has two dual 10/25Gbe SFP28 ports capable of 50 Gbps bi-directional, 100 Gb/s aggregate bi-directional theoretical bandwidth - Requires one x8 PCI (Gen 8) Express slot ;. It is cited to fit HPE ProLiant DL380 Gen10.

Ethernet 10/25Gb 2-port 640SFP28 adapter, PCIe card form-factor - Has two dual 10/25Gbe SFP28 ports capable of 50 Gbps bi-directional, 100 Gb/s aggregate bi-directional theoretical bandwidth - Requires one x8 PCI (Gen 8) Express slot ;. Key specifications include Generation: Gen8. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

NETWORK → 100GBE_NIC →
840140-001

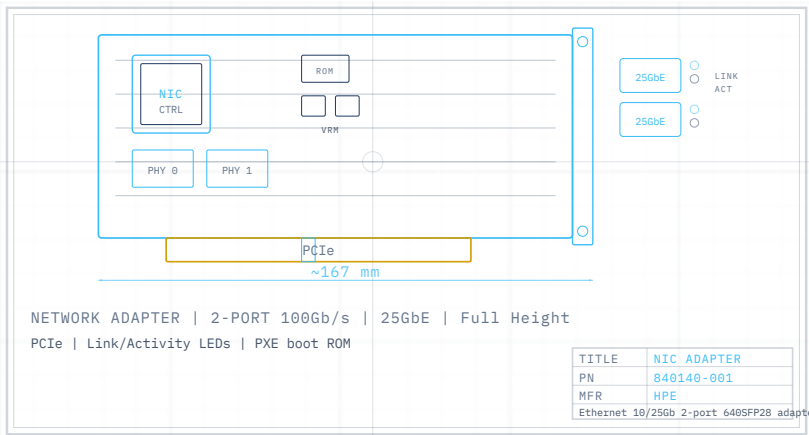
SPECIFICATIONS

Generation	Gen8
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FITS THESE MACHINES

[HPE ProLiant DL380 Gen10](#)

COMPONENT DIAGRAM



KEY FEATURES

- 25GbE Interface
- 25GB Capacity
- 100Gb/s Speed
- Gen8 Generation

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 3

817753-B21 Compatible PARTNER
 HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx) compatible

817751-001 Compatible PARTNER
 HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx) compatible

P18462-B21 Compatible PARTNER
 HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx) for DX Servers compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 3

P18462-B21 SUBSTITUTE

HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx)
HPE

817751-001 SUBSTITUTE

HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx)
HPE

817753-B21 SUBSTITUTE

HP NIC 640SFP28 10/25GbE 2-Port PCI-E-3.0x8 Ethernet Controller (Mellanox ConnectX-4 Lx)
HPE

FREQUENTLY ASKED QUESTIONS

What is 840140-001?

840140-001 is a Ethernet 10/25Gb 2-port 640SFP28 adapter, PCIe card form-factor - Has two dual 10/25GbE SFP28 ports capable of 50 Gbps bi-directional, 100 Gb/s aggregate bi-directional theoretical bandwidth - Requires one x8 PCI (Gen 8) Express slot ; manufactured by HPE. It is classified as a NETWORK (100GBE_NIC).

What parts can replace 840140-001?

There are 3 known substitutes for 840140-001: 817753-B21, 817751-001, P18462-B21. 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.