



[Home](#) > [HPE](#) > [Network Hardware](#) > 453246-B21

453246-B21 – HP NC382m 2-Port Gigabit Mezz Server Adapter

HP · NETWORK · 1GBE_NIC

PRODUCT OVERVIEW

453246-B21: HP NC382m 2-Port Gigabit Mezz Server Adapter.

The HP NC382m is a Multifunction adapter that combines standard Gigabit Ethernet networking, TCP/IP offload engine (TOE) acceleration for Microsoft Windows, and iSCSI boot into a single mezzanine card. This x4 PCI Express dual-port adapter is supported on all HP BladeSystem ProLiant c-Class servers in all mezzanine slots. Multiple adapters can be installed per server.

In addition to its Multifunction capabilities, the NC382m adapter ships with advanced server features that ProLiant customers have come to expect, such as support for failover and load balancing, TCP/IP checksum offloading, large send offloading, PXE, jumbo frames, VLAN tagging, QoS, and much more.

WHERE IT FITS

NETWORK → 1GBE_NIC →

453246-B21

SPECIFICATIONS

Part Number 453246-B21

Manufacturer HP

MORE FROM HPE

Popular HPE machine pages — browsing only, not a fit claim for 453246-B21.

[ProLiant DL360 Gen10](#)

[ProLiant DL380 Gen10](#)

[ProLiant BL460c Gen10](#)

[ProLiant DL380 Gen9](#)

[ProLiant DL360 Gen9](#)

[3PAR StoreServ 8450](#)

[ProLiant BL685c G7](#)

[3PAR StoreServ 8400](#)

[3PAR StoreServ 8440](#)

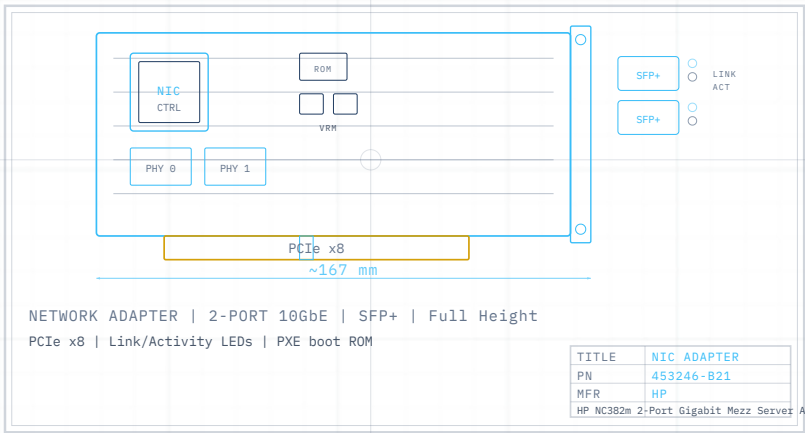
[3PAR StoreServ 8200](#)

[MSA 2052 SAN Storage](#)

[ProLiant BL460c Gen9](#)

[All HPE machines and parts](#)

COMPONENT DIAGRAM



TYPICAL APPLICATIONS

- Enterprise virtualization (VMware vSphere, Hyper-V)
- Private cloud infrastructure (OpenStack, Azure Stack)
- Email and collaboration platforms (Exchange, SharePoint)
- High-availability clustering and failover
- DevOps and CI/CD pipeline hosting
- Remote desktop and VDI infrastructure

SUBSTITUTES & CROSS-REFERENCES 2

462748001 Substitute BROKER-VERIFIED
HP NC382m 2-Port Gigabit Mezz Server Adapter substitute

453244-001 Compatible PARTNER
HP NC382m 1GbE 2-Port PCI-E-1.0x4 Multifunction Ethernet BL-c Module (Broadcom 5709S) compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 2

453244-001 SUBSTITUTE
HP NC382m 1GbE 2-Port PCI-E-1.0x4 Multifunction Ethernet BL-c Module (Broadcom 5709S) HPE

462748-001 SUBSTITUTE

HP NC382m 1GbE 2-Port PCI-E-1.0x4 Multifunction Ethernet BL-c Module (Broadcom 5709S)
HPE

FREQUENTLY ASKED QUESTIONS

What is 453246-B21?

453246-B21 is a HP NC382m 2-Port Gigabit Mezz Server Adapter manufactured by HP. It is classified as a NETWORK (1GBE_NIC).

What parts can replace 453246-B21?

There are 2 known substitutes for 453246-B21: 462748001, 453244-001. Substitute compatibility should be verified for your specific system.

✓ PartsTable — the parts reference. Every fact cited to its source.

 PartsTable Design LLC · partstable.com

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.