
Dual-port Network Interface Card installation

Introduction

This document describes how to install a dual-port Network Interface Card (NIC) in your HP computer.

The HP NC360T PCIe Dual Port Gigabit NIC is built for HP by Intel® Corporation. The device drivers, management application software, and documentation provided on the enclosed CD carry Intel® branding. For the purposes of software installation and documented features, the HP NC360T is functionally equivalent to the Intel® Pro/1000 PT Dual Port Server Adapter.

Kit contents

- Dual-port NIC
- Driver CD
- Installation instructions (this document)
- Warranty documentation

Before you begin












To view *QuickSpecs* and determine the compatibility of this product with your HP computer, see <http://www.hp.com/gp/productbulletin>.




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Warnings and cautions

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-  **WARNING!**  Any surface or area of the equipment marked with this symbol indicates the presence of a hot surface or hot component. If this surface is contacted, the potential for injury exists. To reduce the risk of injury from a hot component, enable the surface to cool before touching.
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-  **WARNING!**  Any surface or area of the equipment marked with this symbol indicates the presence of an electrical shock hazard. To reduce the risk of injury from electrical shock, do not open any enclosed area marked with this symbol.
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-  **WARNING!** To reduce the risk of electric shock or damage to your equipment:
- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
 - Plug the power cord in a grounded (earthed) outlet that is easily accessible at all times.
 - Disconnect power from the equipment by unplugging the power cord from the electrical outlet.
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-  **WARNING!** To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper computer setup, posture, health, and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located at <http://www.hp.com/ergo> and on the documentation CD (if one is included with the product).
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-  **WARNING!** If a product is shipped in packaging marked with this symbol,  the product must always be lifted by two persons to avoid personal injury due to product weight.
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-  **CAUTION:** Static electricity can damage the electronic components of the computer. Before beginning these procedures, be sure you discharge static electricity by briefly touching a grounded metal object.
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-  **CAUTION:** To prevent damage to the computer, observe the following Electrostatic Discharge (ESD) precautions while performing the system parts removal and replacement procedures:
- Work on a static-free mat.
 - Wear a static strap to ensure that any accumulated electrostatic charge is discharged from your body to the ground.
 - Create a common ground for the equipment you are working on by connecting the static-free mat, static strap, and peripheral units to that piece of equipment.
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-  **NOTE:** HP accessories are for use in HP computer products. They have been extensively tested for reliability and are manufactured to high quality standards.
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Step 1—Preparing for component installation

 **NOTE:** Computer models vary. All illustrations are examples only.

Download and install updates

1. Check for available system BIOS updates specified for your HP computer model and operating system at <http://www.hp.com/support>.
2. Install the system BIOS updates, if available.

Accessing the internal components of the computer

1. If you need help preparing the computer for this installation, consult the removal and replacement procedures in the service guide for your computer at <http://www.hp.com/support/manuals>.
2. Power down the computer, and then disconnect the power cord.
3. Power down all external devices, and then disconnect them from the computer.
4. Remove the side access panel.

Removing components

1. If present, remove the card support to enable access to the expansion slots and system board connectors.
2. Select an appropriate PCIe expansion slot and remove the slot cover. HP recommends installing the card in a PCIe (x4) or greater expansion slot.


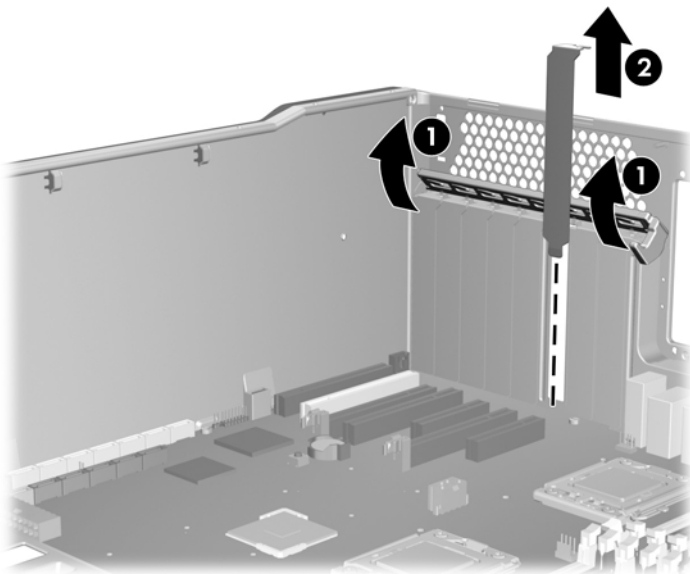
 **NOTE:** To identify an available PCIe expansion slot, see the service label on the side access panel.

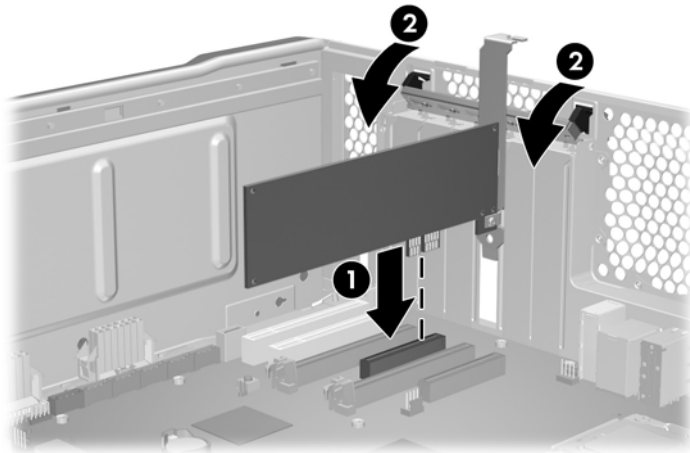
Figure 1 Removing the expansion slot cover



Step 2—Installing the dual-port NIC

1. Install the dual-port NIC by pressing it securely into the expansion slot (1).
2. Verify that the keyed components of the card align with the socket, then close the expansion slot retention clamp (2).

Figure 2 Installing the dual-port NIC




Step 3—Reassembling the computer

1. Reinstall the card support, if applicable.
2. Reinstall the side access panel.
3. Reconnect power to the computer and all external devices.
4. Restore power to the computer and all external devices.

Step 4—Installing NIC software

For instructions on installing NIC software, see the driver CD supplied with this installation kit.

-  **NOTE:** At the time of component installation, look for device firmware and driver updates designated for your computer model and operating system. You can obtain updates from <http://www.hp.com/#Support>.

Japanese 日本語

This document is available in Japanese. See <http://www.hp.com/support/manuals>, then select your product and select **Japanese** from the drop down **Manual Language** menu.

このドキュメントは日本語版が用意されています。<http://www.hp.com/support/manuals> にアクセスし、ご使用のワークステーション製品を選択し、**Manual Language** ドロップダウンメニューから **Japanese** を選択してください。