

**hp** digital  
home networking



Ethernet network  
interface card  
hn230e  
**quick start guide**

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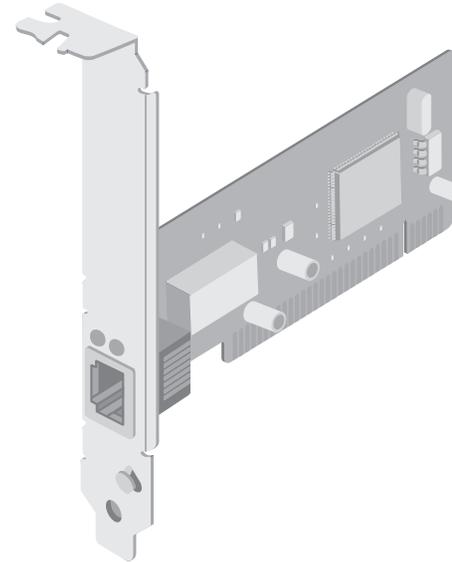
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# Ethernet network interface card

hn230e

Thank you for choosing the Hewlett-Packard Digital Home Networking Ethernet Network Interface Card. This *quick start guide* provides easy set-up instructions.



***Ethernet network interface card***     **1**

## box contents

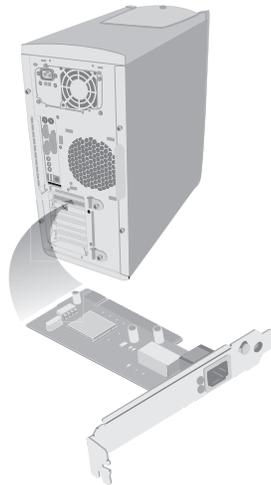
- One Ethernet Network Interface Card
- One installation and documentation CD-ROM
- One *quick start guide*
- One warranty sheet

## before you begin

- 1** Verify that all of the box contents are included.
- 2** Remove the Ethernet Network Interface Card and CD-ROM from the box.
- 3** If the computer is on, turn it and all peripherals off.
- 4** Note how all cables are connected to your computer, then disconnect them.

## installing the Ethernet card

- 1 The following diagram shows where the Ethernet card will be positioned after you have installed it as described below starting with step #2:



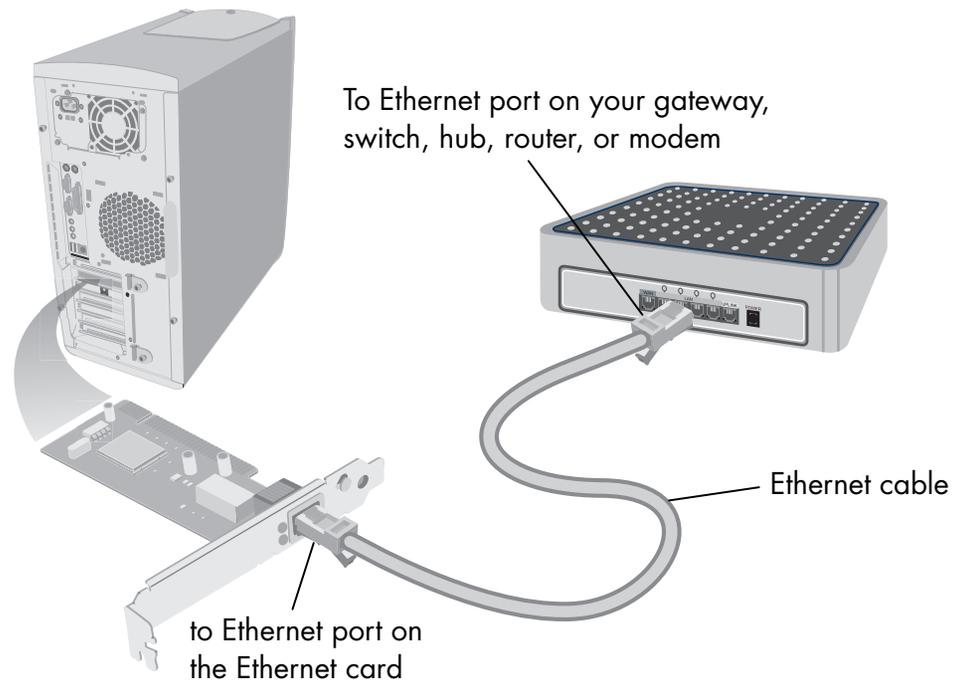
- 2 Remove the computer's cover (refer to the computer's documentation for instructions).
- 3 Locate the PCI slots (they are beige or white). If there is a faceplate covering the slot, remove it, saving the screw, if any.
- 4 Firmly press the Ethernet card all the way into an empty PCI slot until it is snugly seated.

**Note:** Be sure to install the card properly to avoid reopening your computer later.

- 5 If you removed a screw from a PCI slot faceplate, screw it into the corresponding end of the Ethernet card faceplate.
- 6 Reinstall the cover on the computer.
- 7 Reconnect the cables to the computer as noted in step 4 of "before you begin."

**Ethernet network interface card 3**

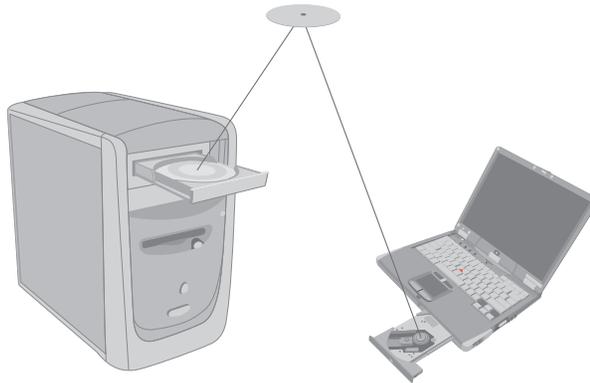
- 8** Network your computer by connecting one end of the Ethernet cable to the Ethernet port on your Ethernet card and the other end to a gateway, switch, hub, router, or modem as shown in the following diagram:



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## installing the driver

- 1 Turn on the computer and insert the CD-ROM into the CD-ROM drive of the computer.



- 2 The computer operating system automatically recognizes the new Ethernet card and launches the New Hardware Wizard. Click **Next**.

- 3 Accept the default selection, **search for a better driver** (the wording varies among Windows operating systems). Then click **Next**.
- 4 If you see a window that reads, "Windows will search for a new driver in its driver database...", click the **CD-ROM drive** box and then click **Next**.
- 5 The computer operating system automatically finds and installs the correct driver. Once a successful installation is reported, click **Finish**.
- 6 If the wizard asks you for permission to restart the computer, click **Yes**. If the wizard does not appear, restart the computer.

## registering the Ethernet card

Make sure you register your product with HP after the installation process is complete. Enter the following into the address window of your Web browser (such as Internet Explorer or Netscape):

**<http://register.hp.com>**

Then press **Enter**.

## troubleshooting

- 1 When I restart the computer after installing the Ethernet card, Windows doesn't detect the card and launch the New Hardware Wizard.
  - Verify that you inserted the card securely in the PCI slot.
  - Try inserting the card into a different PCI slot.

- 2 The New Hardware Wizard cannot find the driver for the Ethernet card.
  - You are probably on a window that reads: "Windows was unable to locate the software for this device...." Click **Back** as instructed. Be sure the CD-ROM is inserted in the CD-ROM drive of your computer and that the CD-ROM drive option checkbox is checked. Click **Next**. The wizard should locate and install the correct driver.
- 3 The card and driver are installed, but I can't connect to the network.
  - Verify that your computer is properly configured to work with your network (see the documentation for your Gateway, router, switch, or hub).

## specifications

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<b>Model Number:</b>	hn230e
<b>Standards:</b>	IEEE 802.3 (10BaseT)
<b>Connectors:</b>	RJ-45 (10BaseT)
<b>Ports:</b>	10BaseT
<b>Bus Characteristics:</b>	32-bit; PCI Local Bus Specification 2x
<b>RAM Buffer:</b>	16 KB
<b>Dimensions:</b>	4.72" x 2.36"
<b>Power:</b>	430 mA at 5 v
<b>Certifications:</b>	FCC Part 15, Class B
<b>Operating Temperature:</b>	0° C to 55° C (32° F to 131° F)
<b>Operating Humidity:</b>	10% to 90% noncondensing

## accessing additional documentation

- 1 Insert the CD-ROM into the CD-ROM drive of the computer.
- 2 On the desktop, double-click **My Computer**, then double-click the **Compact Disc** icon (or navigate to the CD-ROM drive in Windows Explorer).
- 3 Double-click the **hn230e** folder.
- 4 Double-click your language selection folder (**English**).
- 5 Double-click the documentation you wish to view, such as the *read-me* or the electronic copy of this *quick start guide*.

**Note:** *Keep the CD-ROM in a safe place for future use.*

## product and support information

- HP Customer Care: (208) 323-2551; **<http://www.hp.com/cposupport>**
- Online product information and technical support: **<http://www.hp.com/go/homenetworking>**  
(includes a home networking tutorial, FAQs, and other information)



