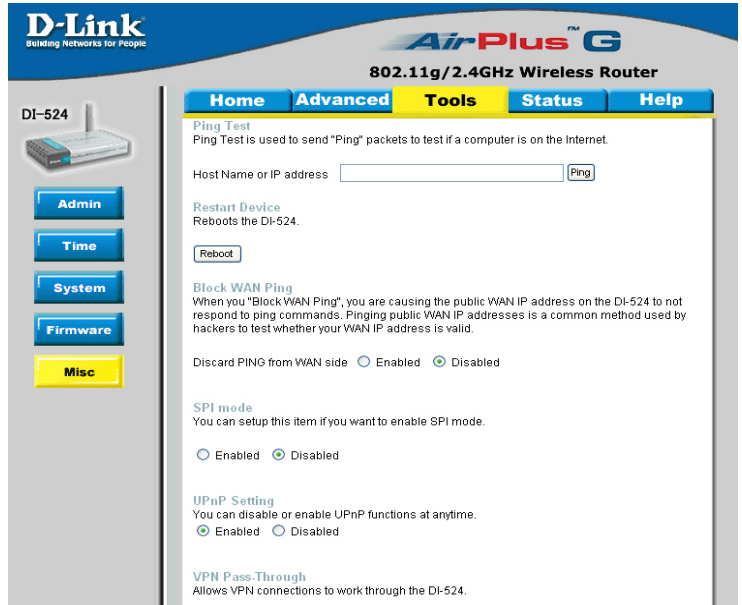


Using the Configuration Menu (continued)

Tools > Misc



Ping Test-

The Ping Test is used to send Ping packets to test if a computer is on the Internet. Enter the IP Address that you wish to Ping, and click **Ping**

Restart Device-

Click **Reboot** to restart the DI-524

Block WAN Ping-

If you choose to block WAN Ping, the WAN IP Address of the DI-524 will not respond to pings. Blocking the Ping may provide some extra security from hackers.

Discard Ping from WAN side-

Click **Enabled** to block the WAN ping

UPNP-

To use the *Universal Plug and Play* feature click on **Enabled**. UPNP provides compatibility with networking equipment, software and peripherals of the over 400 vendors that cooperate in the Plug and Play forum.

VPN Pass Through-

The DI-524 supports VPN (Virtual Private Network) pass-through for both PPTP (Point-to-Point Tunneling Protocol) and IPSec (IP Security). Once VPN pass-through is enabled, there is no need to open up virtual services. Multiple VPN connections can be made through the DI-524. This is useful when you have many VPN clients on the LAN network.

PPTP- select **Enabled** or **Disabled**

IPSec- select **Enabled** or **Disabled**

Using the Configuration Menu (continued)

Status > Device Info

The screenshot shows the D-Link configuration interface for a DI-524 router. The page title is "AirPlus™ G 802.11g/2.4GHz Wireless Router". The navigation menu includes Home, Advanced, Tools, Status (selected), and Help. The left sidebar shows "DI-524" with a device image and buttons for "Device Info", "Log", "Stats", and "Wireless". The main content area is titled "Device Information" and shows the following details:

- Firmware Version:** V1.00, Mon, Oct 4 2004
- LAN**
 - MAC Address: 00-50-18-21-B7-54
 - IP Address: 192.168.0.1
 - Subnet Mask: 255.255.255.0
 - DHCP Server: Enabled
- WAN**
 - MAC Address: 00-50-18-21-B7-53
 - Connection: PPPoE Disconnected (with Connect and Disconnect buttons)
 - IP Address: 0.0.0.0
 - Connection Time: -
 - Subnet Mask: 0.0.0.0
 - Gateway: 0.0.0.0
 - Domain Name Server: 0.0.0.0
- Wireless**
 - MAC Address: 00-50-18-21-B7-54
 - ESSID: default
 - Security: None
 - Channel: 6

This page displays the current information for the DI-524. It will display the LAN, WAN and MAC address information.

If your WAN connection is set up for a **Dynamic IP address** then a **Release** button and a **Renew** button will be displayed. Use *Release* to disconnect from your ISP and use *Renew* to connect to your ISP.

If your WAN connection is set up for **PPPoE**, a **Connect** button and a **Disconnect** button will be displayed. Use *Disconnect* to drop the PPPoE connection and use *Connect* to establish the PPPoE connection.

This window will show the DI-524's working status:

WAN

IP Address: WAN/Public IP Address
Subnet Mask: WAN/Public Subnet Mask
Gateway: WAN/Public Gateway IP Address
Domain Name Server: WAN/Public DNS IP Address
WAN Status: WAN Connection Status

LAN

IP Address: LAN/Private IP Address of the DI-524
Subnet Mask: LAN/Private Subnet Mask of the DI-524

Wireless

MAC Address: Displays the MAC address
SSID: Displays the current SSID
Channel: Displays the current channel
WEP: indicates whether WEP is enabled or disabled

Using the Configuration Menu (continued)

Status > Log

The screenshot shows the web interface of a D-Link DI-524 wireless router. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status' (highlighted in yellow), and 'Help'. The 'View Log' section is active, displaying a list of system events. On the left sidebar, there are buttons for 'Device Info', 'Log' (highlighted in yellow), 'Stats', and 'Wireless'. The log entries are as follows:

WAN Type: PPP over Ethernet (V1.00)
Display time: Fri Aug 13 03:31:02 2004

2004年8月13日 上午 03:00:49 DOD:triggered internally
2004年8月13日 上午 03:00:49 PPPoE start to dial-up
2004年8月13日 上午 03:00:49 PADI sent
2004年8月13日 上午 03:00:49 PADI sent
2004年8月13日 上午 03:00:50 PADI sent
2004年8月13日 上午 03:00:53 DOD:triggered internally
2004年8月13日 上午 03:00:53 PPPoE start to dial-up
2004年8月13日 上午 03:00:53 PADI:3com sent
2004年8月13日 上午 03:00:53 PADI:3com sent
2004年8月13日 上午 03:00:54 PADI:3com sent

The Broadband Router keeps a running log of events and activities occurring on the Router. If the device is rebooted, the logs are automatically cleared. You may save the log files under Log Settings.

View Log-

First Page - The first page of the log

Last Page - The last page of the log

Previous - Moves back one log page

Next - Moves forward one log page

Clear - Clears the logs completely

Log Settings - Brings up the page to configure the log

Using the Configuration Menu (continued)

Status > Log > Log Settings

The screenshot shows the configuration interface for a D-Link AirPlus G 802.11g/2.4GHz Wireless Router. The page has a blue header with the D-Link logo and the product name. Below the header, there are navigation tabs: Home, Advanced, Tools, Status (highlighted in yellow), and Help. The main content area is titled "Log Settings" and contains the following fields and options:

- Log Settings**: Logs can be saved by sending it to an admin email address or to a syslog server.
- E-mail Alert**:
 - SMTP Server / IP Address:
 - Email Address:
 - E-mail Subject:
- Syslog**:
 - Syslog Server IP Address: 192.168.0. Enabled Disabled
 - Log Type:
 - System Activity
 - Debug Information
 - Attacks
 - Dropped Packets
 - Notice

At the bottom right, there are three buttons: Apply (with a green checkmark icon), Cancel (with an orange X icon), and Help (with a red plus icon).

Not only does the Broadband Router display the logs of activities and events, it can setup to send these logs to another location.

**SMTP Server/
IP Address -**

The address of the SMTP server that will be used to send the logs

Email Address -

The email address to which the logs will be sent.
Click on **Send Mail Now** to send the email.

Using the Configuration Menu (continued)

Status > Stats

The screenshot shows the configuration page for a D-Link DI-524 router. The page title is "802.11g/2.4GHz Wireless Router". The navigation tabs are "Home", "Advanced", "Tools", "Status" (selected), and "Help". The "Stats" button in the left sidebar is highlighted in yellow. The main content area is titled "Traffic Statistics" and contains the text: "Traffic Statistics display Receive and Transmit packets passing through the DI-524." Below this text are "Refresh" and "Reset" buttons. On the right side, there is a red plus icon and the word "Help". A table displays traffic statistics for WAN, LAN, and Wireless ports, categorized by Receive and Transmit packets.

	Receive	Transmit
WAN	0 Packets	2037 Packets
LAN	4091 Packets	3509 Packets
Wireless	0 Packets	2037 Packets

The screen above displays the Traffic Statistics. Here you can view the amount of packets that pass through the DI-524 on both the WAN and the LAN ports. The traffic counter will reset if the device is rebooted.

Status > Wireless

The screenshot shows the configuration page for a D-Link DI-524 router. The page title is "802.11g/2.4GHz Wireless Router". The navigation tabs are "Home", "Advanced", "Tools", "Status" (selected), and "Help". The "Wireless" button in the left sidebar is highlighted in yellow. The main content area is titled "Connected Wireless Client List" and contains the text: "The Wireless Client table below displays Wireless clients Connected to the AP (Access Point)." Below this text is a "Refresh" button. On the right side, there is a red plus icon and the word "Help". A table header is visible with columns for "Connected Time" and "MAC Address".

Connected Time	MAC Address
----------------	-------------

The wireless client table displays a list of current connected wireless clients. This table also displays the connection time and MAC address of the connected wireless client.

Click on **Help** at any time, for more information.

Networking Basics

Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP**.

Note: Please refer to websites such as <http://www.homenethelp.com> and <http://www.microsoft.com/windows2000> for information about networking computers using Windows 2000, ME or 98.

Go to **Start>Control Panel>Network Connections**

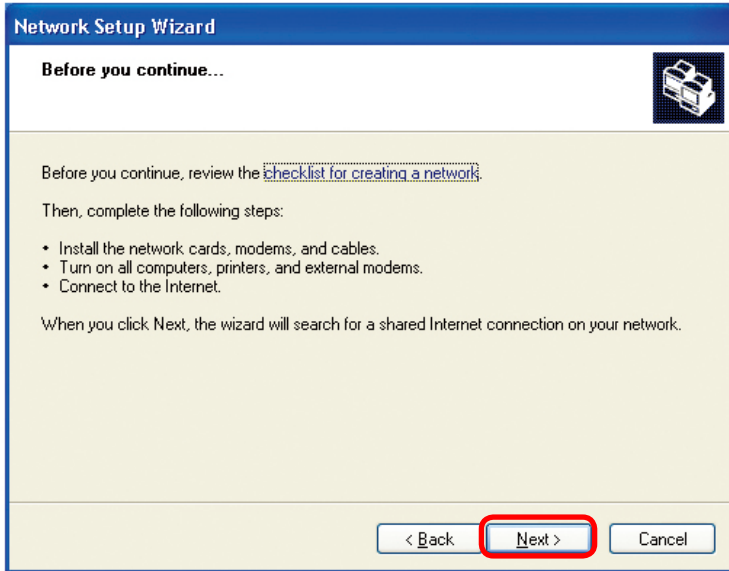
Select **Set up a home or small office network**



When this screen appears, **Click Next**.

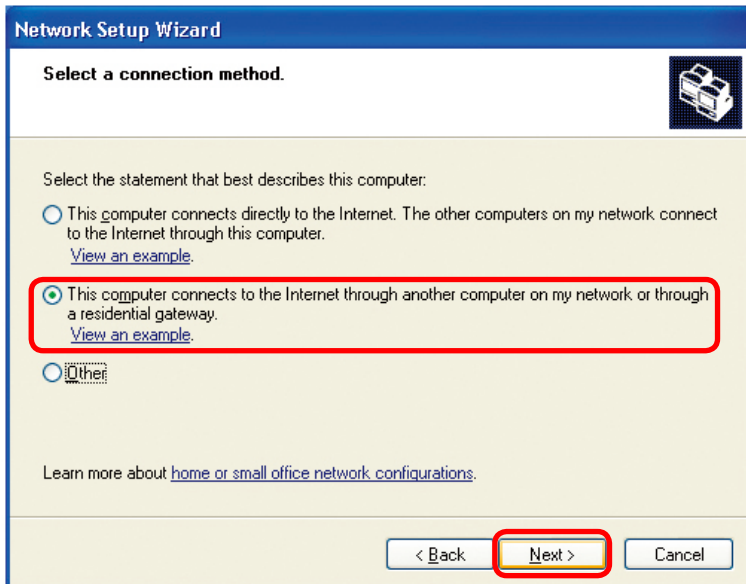
Networking Basics

Please follow all the instructions in this window:



Click **Next**

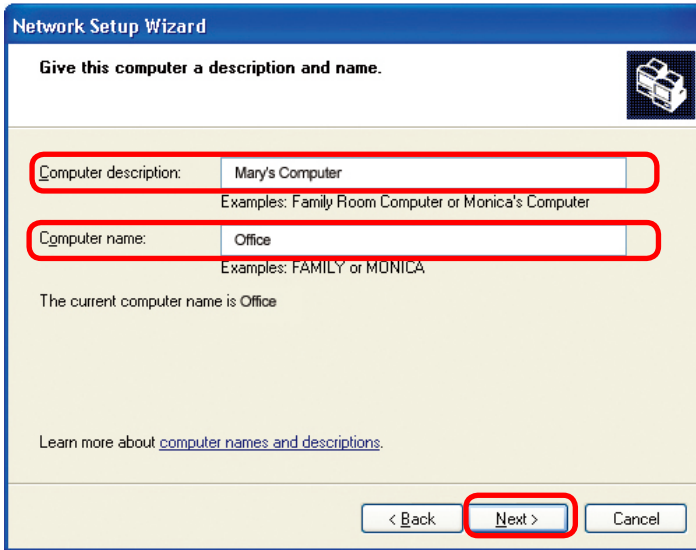
In the following window, select the best description of your computer. If your computer connects to the internet through a gateway/router, select the second option as shown.



Click **Next**

Networking Basics

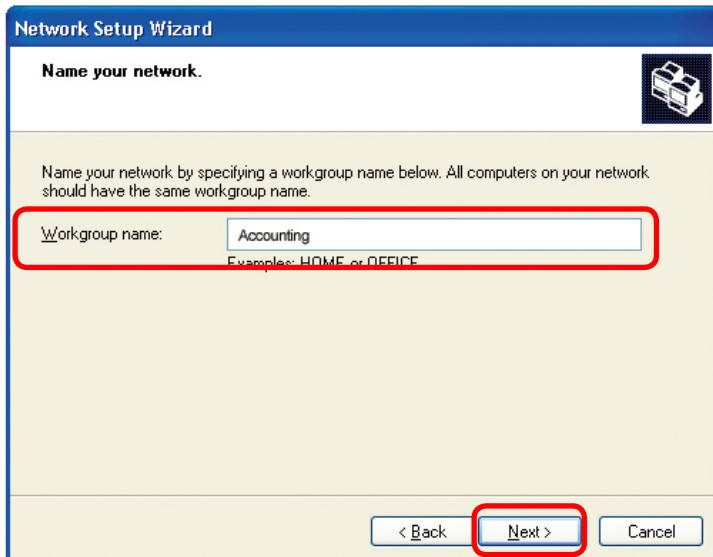
Enter a **Computer description** and a **Computer name** (optional.)



The screenshot shows the 'Network Setup Wizard' window with the title 'Give this computer a description and name.' The window contains two text input fields. The first field is labeled 'Computer description:' and contains the text 'Mary's Computer'. Below it, there are examples: 'Examples: Family Room Computer or Monica's Computer'. The second field is labeled 'Computer name:' and contains the text 'Office'. Below it, there are examples: 'Examples: FAMILY or MONICA'. Below the fields, it says 'The current computer name is Office'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red circle.

Click **Next**

Enter a **Workgroup** name. All computers on your network should have the same **Workgroup** name.

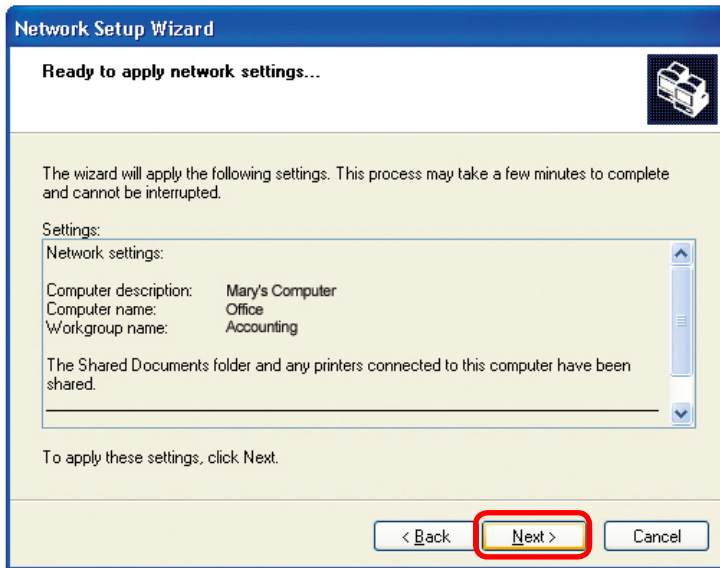


The screenshot shows the 'Network Setup Wizard' window with the title 'Name your network.' The window contains a text input field labeled 'Workgroup name:' with the text 'Accounting'. Below it, there are examples: 'Examples: HOME or OFFICE'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red circle.

Click **Next**

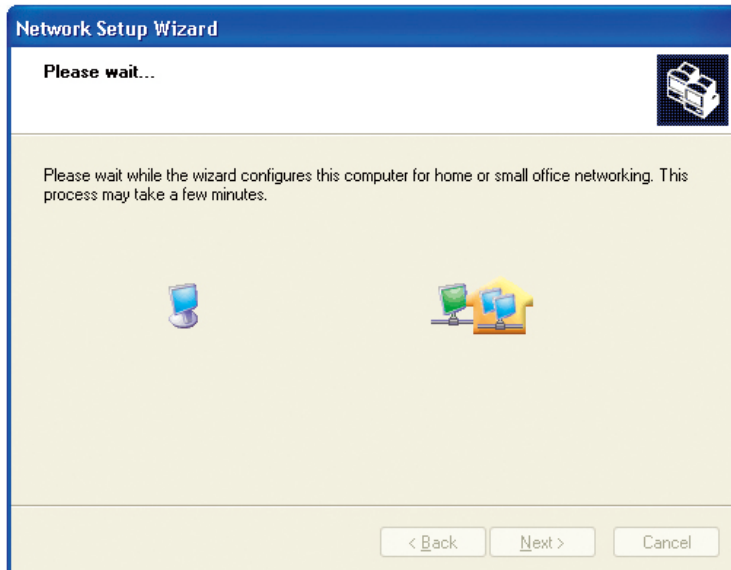
Networking Basics

Please wait while the **Network Setup Wizard** applies the changes.



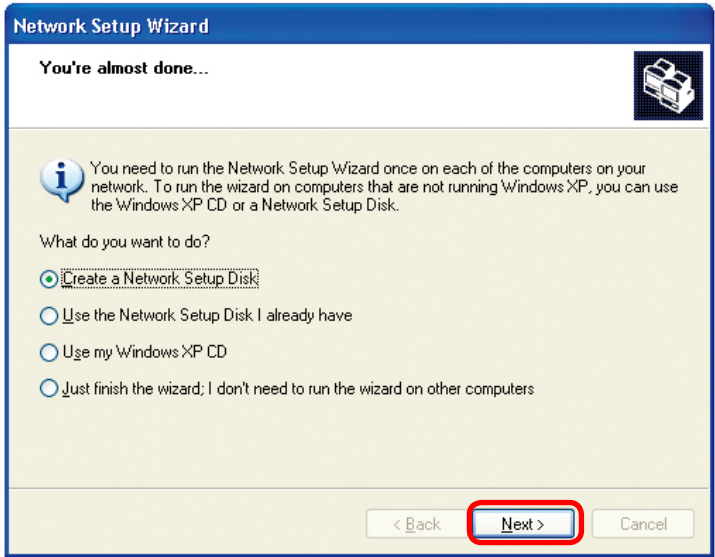
When the changes are complete, click **Next**.

Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.

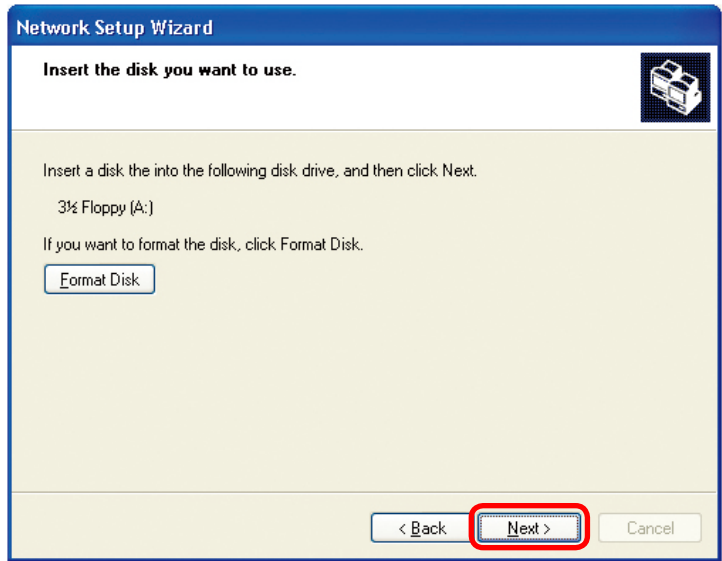


Networking Basics

In the window below, select the option that fits your needs. In this example, **Create a Network Setup Disk** has been selected. You will run this disk on each of the computers on your network. Click **Next**.

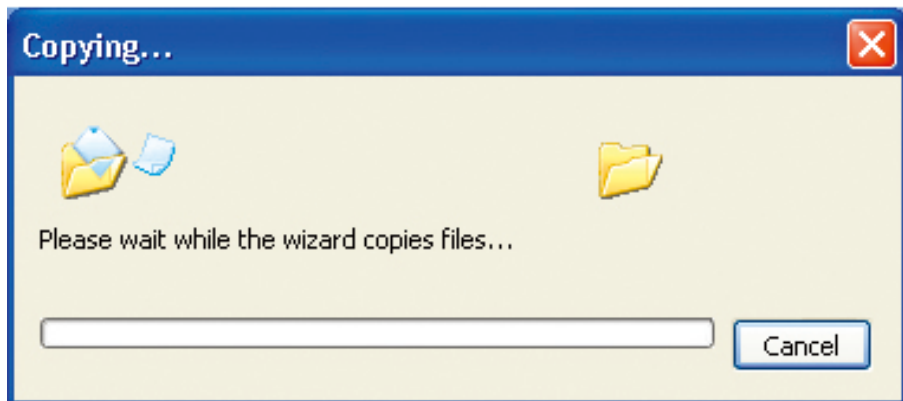


Insert a disk into the Floppy Disk Drive, in this case drive **A**.

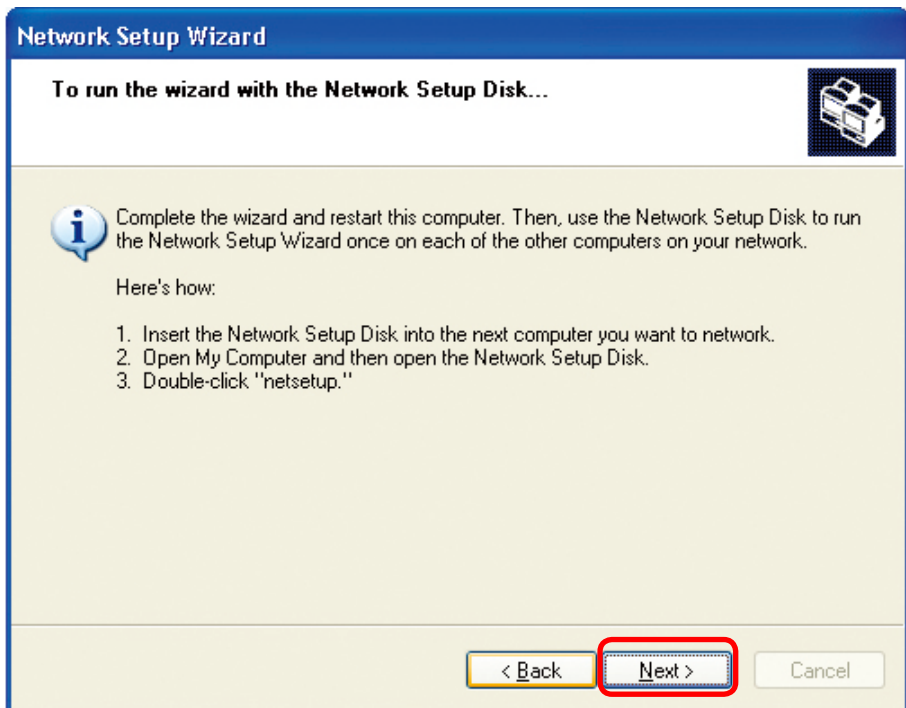


Click **Next**.

Networking Basics

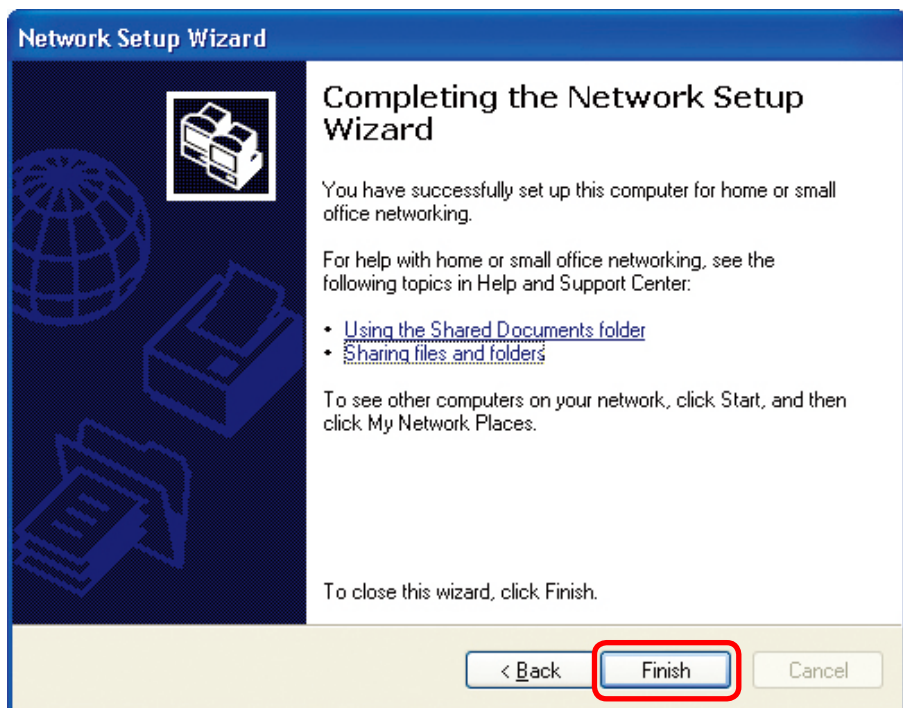


Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue click **Next**.

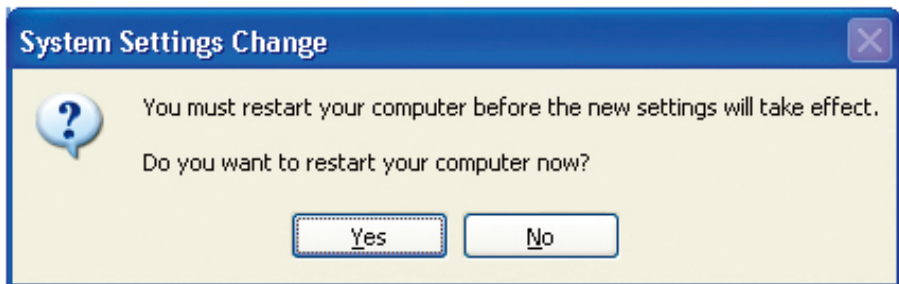


Networking Basics

Please read the information on this screen, then click **Finish** to complete the **Network Setup Wizard**.



The new settings will take effect when you restart the computer. Click **Yes** to restart the computer.



You have completed configuring this computer. Next, you will need to run the **Network Setup Disk** on all the other computers on your network. After running the **Network Setup Disk** on all your computers, your new wireless network will be ready to use.