

# NETGEAR®

Installation Guide

## NETGEAR Pre-N Wireless PC Card WGM511

These basic setup instructions assume that you will connect to an access point using the default security options. Please refer to the online help and the *User Manual* on the *Resource CD* for instructions on configuring wireless security, Ad-hoc mode, or advanced options.

Estimated Completion Time: 5-15 minutes.

## Windows XP

**Note:** During installation the following Windows messages may appear:

- Windows Logo testing warning: Click **Continue Anyway**.
- Update Drivers warning: Click **Yes** to proceed.

### 1. FIRST, INSTALL THE WGM511 SOFTWARE.

- a. Power on your computer, let the operating system boot up completely, and log in as needed.
- b. Insert the *Resource CD* for the WGM511 into your CD drive. The CD main page loads.



- c. Click the **Install Driver and Utility** link.
- d. Follow the Smart Wizard steps, and click **Finish** when done.

### 2. NEXT, INSTALL THE WGM511 PRE-N WIRELESS PC CARD.

- a. Hold the PC Card with the NETGEAR logo facing up and insert it into a CardBus slot.

- b. After a short delay, the Found New Hardware Wizard displays. Select Install the software automatically (Recommended) and click **Next**.

You will be prompted to enable the NETGEAR Smart Wizard Installation Assistant.

- c. Click **Yes** to accept this option.

If you choose No, you must read the Windows XP documentation to learn how to use the Windows XP wireless network configuration utility.

- d. Follow the Found New Hardware Wizard steps.

- e. Click **Finish** to complete the installation.

You will see the WGM511 system tray icon on the lower right part of the Windows task bar.



### 3. NOW, CONFIGURE YOUR WGM511 AND SAVE THE PROFILE.

- a. Determine the current settings for your wireless access point, including the case-sensitive SSID and WEP security settings if used (64 or 128 bit, case-sensitive Passphrase or Key # with ASCII or hexadecimal key).
- b. Click the WGM511 icon in the Windows system tray to open the NETGEAR Smart Wizard Wireless Assistant and view the Settings tab page.

- c. Change the Network Name SSID and security settings to match your wireless access point.

**Tip:** To view the available wireless networks, use the drop-down list or the Networks tab and choose the one you want.

- d. Click **Apply** to activate the connection.

**Tip:** Create *work* and *home* profiles. Then, activate whichever one you need for your current location.



### 4. FINALLY, VERIFY WIRELESS NETWORK CONNECTIVITY.



**Help button**

**Signal strength indicator**

**Unlocked:** the wireless network does not use security  
**Locked:** the wireless network uses security

Use the status bar at the bottom of the NETGEAR Smart Wizard Wireless Assistant page to verify your wireless network connection. Click the Help button to view the online help.

**Note:** The status bar reports the speed of your connection. 108, 96, and 72 Mbps speeds are only possible when your wireless network has a Pre-N access point or router such as the NETGEAR WGM124 Pre-N Wireless Router.

- Check the color of the WGM511 icon in the Windows system tray: green or yellow indicates a working connection; red indicates no connection.
- Check the WGM511 LEDs. The Act LED lights up and blinks when the card is active. The Link LED lights when the card is connected to a wireless network. Both LEDs off means the WGM511 is not plugged in.
- Verify connectivity to the Internet by opening a browser or verify access to network resources such as files and printers.

# Windows 2000

## 1. FIRST, INSTALL THE WGM511 SOFTWARE.

**Note:** Windows 2000 may require you to be logged on with administrator rights. During installation if a Digital Signature Not Found warning message appears click **Yes** to proceed.

- a. Power on your computer, let the operating system boot up completely, and log in as needed.
- b. Insert the *Resource CD* for the WGM511 into your CD drive. The CD main page loads.



**Note:** If this page does not automatically load, browse to the CD and double-click on **autorun.exe**.

- c. Click the **Install Driver and Utility** link.
- d. Follow the Smart Wizard steps, and click **Finish** when done.

## 2. NEXT, INSTALL THE WGM511 PRE-N WIRELESS PC CARD.

- a. Hold the PC Card with the NETGEAR logo facing up and insert it into a CardBus slot.

- b. After a short delay, the Found New Hardware Wizard displays. Select Install the software automatically (Recommended) and click **Next**. You will be prompted to enable the NETGEAR Smart Wizard Installation Assistant.
- c. Click **Yes** to accept this option. If you choose No, you must read the Windows XP documentation to learn how to use the Windows XP wireless network configuration utility.
- d. Follow the Found New Hardware Wizard steps.
- e. Click **Finish** when done, and if prompted, restart your computer.
- f. You will see the WGM511 system tray icon on the lower right part of the Windows task bar.



## 3. NOW, CONFIGURE YOUR WGM511 AND SAVE THE PROFILE.

- a. Determine the current settings for your wireless access point, including the case-sensitive SSID and WEP security settings if used (64 or 128 bit, case-sensitive Passphrase or Key # with ASCII or hexadecimal key).
- b. Click the WGM511 system tray icon to view the Settings tab page.
- c. Change the Network Name SSID and security settings to match your wireless access point.  
**Tip:** To view the available wireless networks, use the drop-down list or the Networks tab and choose the one you want.
- d. Click **Apply** to activate the connection.

**Tip:** Create *work* and *home* profiles. Then, activate whichever one you need for your current location.



## 4. FINALLY, VERIFY WIRELESS NETWORK CONNECTIVITY.



Use the status bar at the bottom of the NETGEAR Smart Wizard Wireless Assistant page to verify your wireless network connection. Click the Help button to view the online help.

**Note:** The status bar reports the speed of your connection. 108, 96, and 72 Mbps speeds are only possible when your wireless network has a Pre-N access point or router such as the NETGEAR WGM124 Pre-N Wireless Router.

- Check the color of the WGM511 icon in the Windows system tray: green or yellow indicates a working connection; red indicates no connection.
- Check the WGM511 LEDs. The Act LED lights up and blinks when the card is active. The Link LED lights when the card is connected to a wireless network. Both LEDs off means the WGM511 is not plugged in.
- Verify connectivity to the Internet by opening a browser or verify access to network resources such as files and printers.

## Technical Support

Please refer to the support information card that shipped with your product. By registering your product at <http://www.NETGEAR.com/register>, we can provide you with timely expert technical support. NETGEAR, INC. Support Information Phone: 1-888-NETGEAR (For US & Canada only) - 24 x 7 phone support. See the Support Information card for other countries.

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