

## Mobile Broadband Modem MBM621

### Requirements

Before installation, make sure that these requirements are met:

- You must have an account for wireless broadband service, and you must be located in an area with wireless broadband coverage. Check with your Internet Service Provider (ISP) if you are not sure.
- You need an activated SIM card from your ISP.
- You must have a computer with an available Ethernet port to connect to the Mobile Broadband Modem.
- Your computer must be configured with DHCP.
- For installation with a router, first install the Mobile Broadband Modem to work with a computer. Then follow the instructions that came with the router to connect the router to the modem.

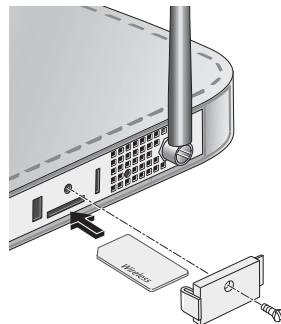
## Installation

Follow these instructions to install the modem.

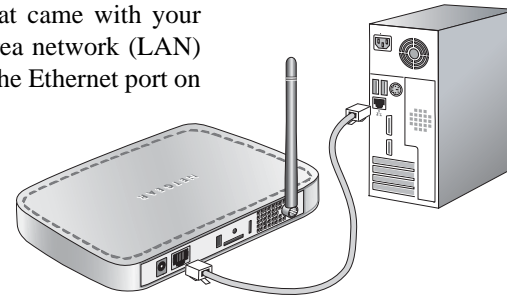
### Install the SIM Card, and Connect the Modem to a Computer

To connect the Mobile Broadband Modem:

1. Turn off your computer.
2. Insert your activated SIM card into the slot on the rear of the modem.
3. Attach the cover to protect the SIM card.






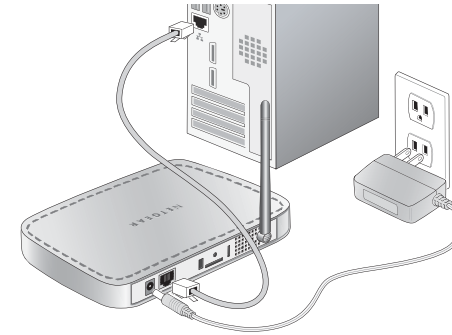
4. Connect the Ethernet cable that came with your modem to an Ethernet local area network (LAN) port on your computer. and to the Ethernet port on the modem.




### Power On the Modem and Computer

Follow these steps:

1. Plug in the power adapter to your modem.
2. Verify the following:
  -  The Power light is lit after you apply power to the modem.
  -  The Status light comes on briefly and then goes off.
  -  The Internet light comes on.



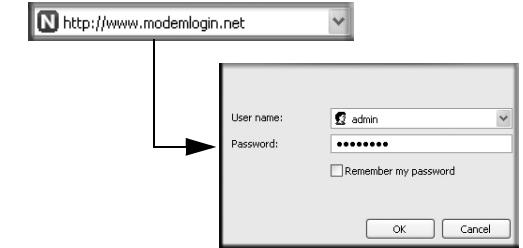
For more information about LEDs, see “Understanding the LEDs” on the other side of this document.

3. Attach the feet to the modem, and adjust the antenna so that it is pointed up at a 90 degree angle for best performance.
  4. Turn on your computer, let the operating system boot up, and log in as needed.
- The  Ethernet (LAN) light on the modem lights up.



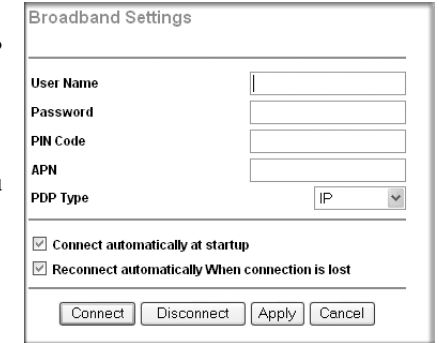
### Log In to the Modem, and Connect to the Internet

1. On your computer, open a Web browser.
2. Type **http://modemlogin.net** in the address field of your browser.
3. Enter **admin** for the user name, and **password** for the password, both in lower case letters.



The Broadband Settings screen opens.

- If your SIM card is programmed by your ISP with broadband settings, the settings are displayed on this screen. Click **Connect**. The modem connects to the Internet.
- If your SIM card is not programmed then you must enter the settings, click **Apply** to save the settings, and then click **Connect**. The settings are explained below:







- **User Name.** The user name for the broadband Internet service account. This is not admin, which is the modem user name.
- **Password.** The password for the broadband Internet service account.
- **PIN Code.** The PIN code for the SIM card.
- **APN.** The ISP network name.
- **PDP Type.** The type of packet data protocol.
- **Connection check boxes.** These settings determine whether or not the modem connects at startup or reconnects when an Internet connection is lost.

If you are not sure what to enter for these settings, contact your ISP.

## Understanding the LEDs

You can use the LEDs to verify how the modem is working or to identify the source of a problem.

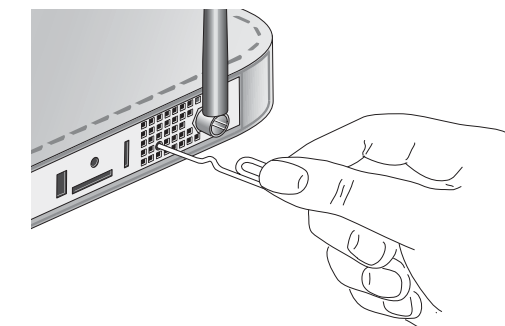
LED	Activity
 Power	<ul style="list-style-type: none"> <li>• <b>Green:</b> The modem is on and operating normally.</li> <li>• <b>Off:</b> Power is not supplied to the modem.</li> </ul>
 Status	<ul style="list-style-type: none"> <li>• <b>Amber:</b> Power-on self-test is in progress. If this light remains on it indicates that the test failed.</li> <li>• <b>Off:</b> Normal operation after power-on self-test.</li> </ul>
 Internet	<ul style="list-style-type: none"> <li>• <b>Blue:</b> Excellent signal.</li> <li>• <b>Green:</b> Good signal.</li> <li>• <b>Amber:</b> Weak signal.</li> <li>• <b>Blinking:</b> Data is being transmitted or received on the Internet port.</li> <li>• <b>Off:</b> No Internet connection. This can occur if you are outside of the coverage area, if the SIM card is not installed in the modem, or if the SIM card has not been activated.</li> </ul>
 Ethernet	<ul style="list-style-type: none"> <li>• <b>Green:</b> The Ethernet port is operating at 100 Mbps.</li> <li>• <b>Amber:</b> The Ethernet port is operating at 10 Mbps.</li> <li>• <b>Blinking:</b> Data is being transmitted or received on the Ethernet port.</li> <li>• <b>Off:</b> No device is connected to the Ethernet port.</li> </ul>

## Returning to Factory Default Settings

You can use the reset button on the back of the modem to return the modem to its factory default settings. This is useful if you changed the password and do not remember what it is. You will lose all settings that you entered, and the modem will return to the factory default settings shown in the following table:

Factory Default Settings	
Login URL	http://www.modemlogin.net or http://www.modemlogin.com
User name (case sensitive)	admin
Login password (case sensitive)	password
WAN MAC address	Use default hardware address
WAN MTU size	1500
Local area network (LAN) IP	192.168.1.1
Subnet mask	255.255.255.0
RIP direction	None
RIP version	Disabled
RIP authentication	None
DHCP server	Enabled
DHCP starting IP address	192.168.1.2
DHCP ending IP address	192.168.1.254
DMZ	Enabled or disabled
Time zone	GMT
Daylight saving time	Disabled
SNMP	Disabled

To reset the modem, press and hold down the reset button for 5 seconds.



## Technical Support

Contact your Internet Service Provider for technical support. Register your product at <http://www.NETGEAR.com/register>, so that you can check for firmware updates for the modem.



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This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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