Register your MBR1200

Failsafe Gigabit N Router for Mobile Broadband!

~ YOU WILL RECEIVE ~

FREE Technical Support
New Product Information
FREE Firmware Upgrades
Special Offers & Promotions

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What's Included In The Box

- Failsafe Gigabit N Router For Mobile Broadband
- Ethernet Cable
- Power Adapter
- Mounting Hardware
- Quick Start Guide
- Accessory Guide

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QUICK START GUIDE

wipipe POWERED

MBR1200

Failsafe Gigabit N Router for Mobile Broadband

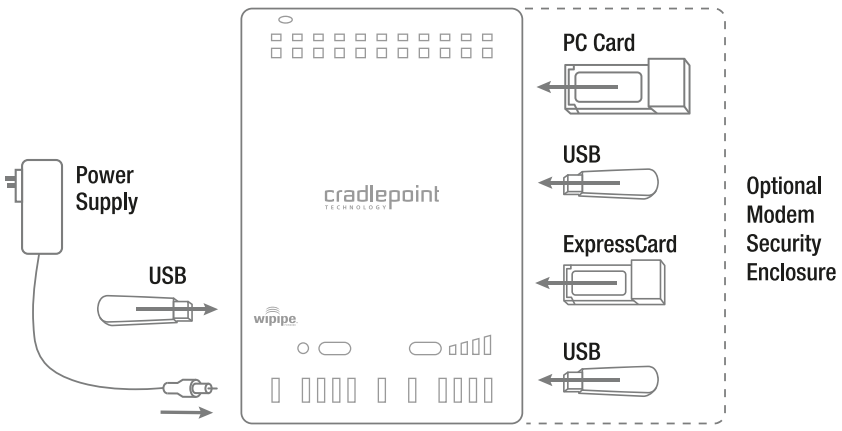
with **VPN Support**

802.11 b g WiFi n DRAFT CERTIFIED

all connected **BUSINESS SERIES**

Wireless Setup using a Mobile Broadband (cellular) Data Modem/s*

Connect the Power Supply and insert your ExpressCard, PC Card, or USB modem/s. Then, simply establish a wireless internet connection as shown below.

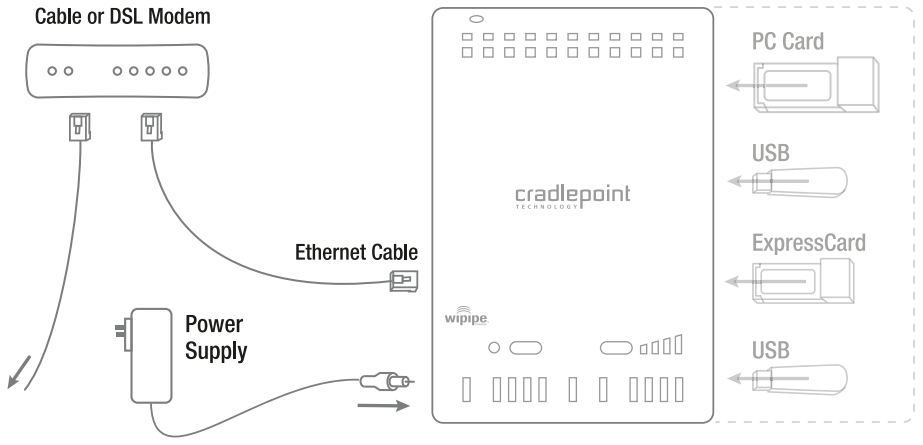


*Only one Mobile Broadband Modem is required to operate the MBR1200 as a basic wireless network.
Mobile Broadband Modem not included. *See your Mobile Broadband Service Provider for details.*

Wired Connection using Cable/DSL Internet Service

Connect power and insert one end of your Ethernet cable to the WAN port. Insert the other end of the Ethernet cable into your ICable or DSL modem. It may take a minute or two for the MBR1200 to initialize. Open your web browser. **You can now access the Internet.**

Note: *CradlePoint recommends that WiFi security be setup at this point.*
*See the "**Setting WiFi security on your CradlePoint Router**" section of this guide.*



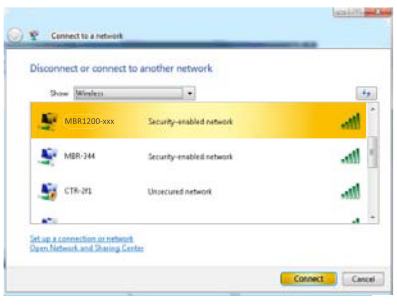
For Failover/Failback Functionality, you must have an Active Data Modem attached to the MBR1200.

Establishing a Wireless Internet Connection

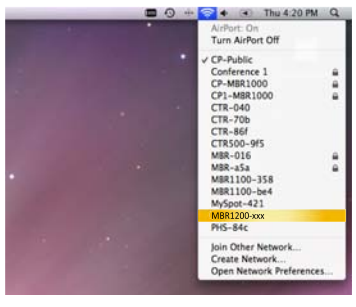
1) Find Your MBR1200

Windows XP
Open your computer's **WIRELESS NETWORK CONNECTION** to associate with the router's Wireless Access Point. This is typically completed by opening **VIEW AVAILABLE NETWORKS** window. After you have highlighted the **MBR1200-xxx**, click **CONNECT**.

Windows Vista
Open **CONNECT TO A NETWORK** by clicking the Start button, and then click **CONNECT TO**. You'll see a list of the wireless networks currently available. Click on the **MBR1200-xxx** network, and then click **CONNECT**.



Mac
Open your wireless connection list by clicking the **AIRPORT** wireless icon on your menu bar. Click the **MBR1200-xxx**.



FAILOVER / FAILBACK

In order to utilize of the Failover/Failback features of your MBR1200, you must establish one of these two scenarios:

1) **Connect two different active data modems (USB, ExpressCard, or PC Card) from two separate carriers to the MBR1200.**

2) **Connect an active LAN/WAN connection and one active data modem to the MBR1200.**

If your primary service is disrupted, the MBR1200 will find the next available connection (Failover), keeping you connected to the internet.

Once your primary service is re-established, it will return (Failback) to that connection.

2) Connect To the Internet

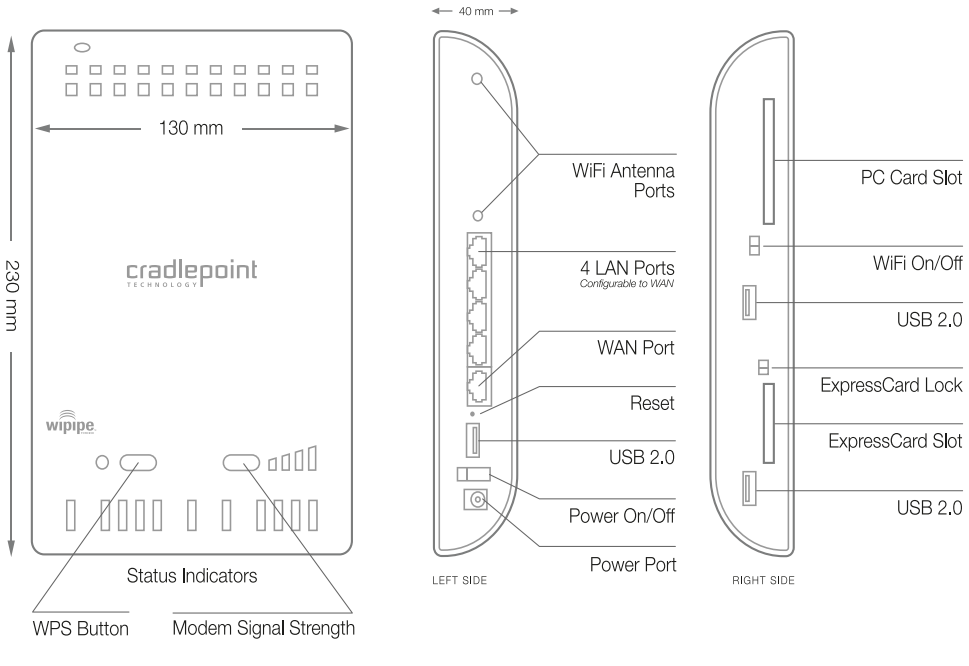
1) Using either a Windows or Mac platform, open a browser window. A default CradlePoint page will appear asking for a password.

2) The **password is the last six digits of the MAC address** shown on the box label and on the bottom of the router. This is a unique number identifying your router.

3) Once you have correctly entered your password, click "OK". **You can now access the Internet.**

Note: *CradlePoint recommends that WiFi security be setup at this point. See the "**Setting WiFi Security on your CradlePoint Router**" section of this guide*

Port Diagram



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IEEE 802.11b or 802.11g operation of this product in the U.S.A. is firmware-limited to channels 1 through 11.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Following three 3.5G card have passed co-located EMC/RF exposure test with this device and could be used with this device. Other 3.5G card may or may not comply with the FCC rule, please consult manufacture before purchase.

The EUT could be applied with one 3.5G 1XEV-DO Card and following four different models could be chosen; therefore emission tests are added for simultaneously transmit between wireless LAN and 3.5G 1XEV-DO function. The emission tests have been performed at the worst channel of both WLAN and 3.5G 1XEV-DO, and recorded in the report.

Interface	Brand name	Model name	FCC ID
Cardbus	KYOCERA	KPC650	OVFKWC-KPC650
USB port	SIERRA WIRELESS	AirCard 875U	N7N-MC8775U
USB port	SIERRA WIRELESS	AirCard 595U	N7N-MC8725U
Express card	Sprint	AirCard 597E	N7NAC597E

Industry Canada Statement

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two

conditions:
1) this device may not cause interference and
2) this device must accept any interference, including interference that may cause undesired operation of the device

This device has been designed to operate with an antenna having a maximum gain of 4.98dBi.
Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the EIRP is not more than required for successful communication.

IMPORTANT NOTE:
IC Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

MOUNTING PROCEDURE

There are three ways for mounting the CEP:

Wall mounting

1. Locate a high position on the wall that is free of obstructions.
2. Connect two screws in the wall 5cm (2 in.) apart. Do not screw the screws all the way into the wall.

Important!

Make sure that the screws are securely fixed to the wall and strong enough to hold the weight of the CPE.