



MBR1200 Supported Air Cards & Devices

TapLogic toll-free at 1-866-761-8001



3 (UK)

USB

Huawei E156G

ALLTEL

USB

Franklin CDU-550
Huawei EC168/C
Huawei EC228
Pantech UM175
UTStarcom UM150
(Pantech UM150)

²PC Card (PCMCIA)

Huawei EC360

AT&T

USB

Option QuickSilver
Sierra Wireless 881U
Sierra Wireless 875U
USBConnect 881
USBConnect Mercury
USBConnect Lightning
ZTE MF636

ExpressCard

Option GT Max 3.6 Express
Option GT Ultra Express

Phones

Blackberry 8310 (Curve)
Blackberry 9000 (Bold)
HP iPaq 910
Motorola RAZR v3xx
Motorola Q v9h
Samsung Blackjack
Samsung SGH-A707

B-MOBILE (JAPAN)

USB

ZTE MF626

BELL (CANADA)

USB

Novatel Wireless U760
Novatel Wireless MC998D

BRIDGEMAXX WIMAX

USB

ZTE TU-25

CLEAR 4G

When using the Clear WiMAX network, the following Modem Firmware must be loaded onto the CradlePoint Router.

[Download Modem Firmware 5.2.206](#)

USB

Clear USB Modem
Clear USB 4G Modem
Franklin U300 (3G and 4G)

COMCAST HIGH-SPEED2GO

When using the Comcast High-Speed2Go network, the following Modem Firmware must be loaded onto the CradlePoint Router

[Download Modem Firmware 5.2.206](#)

USB

Franklin CMU-300 (3G and 4G)
ZTE TU-25

CRICKET

USB

Calcomp a600
Pantech UM100
Pantech UMW185

E-MOBILE (JAPAN)

USB

D02HW
D11LC
D12LC
D21HW
D21LC
D22HW

NTELOS

USB

Franklin CDU-680
ExpressCard
Kyocera KPC680

NTT DOCOMO (JAPAN)

USB

LG L-02A

O2 (UK)

USB

Sierra Wireless Compass 889U

ORANGE (UK)

USB

Huawei E160E

PIONEER CELLULAR

USB

Franklin CDU-680
Sierra Wireless USB 598
ExpressCard
Sierra Wireless Aircard 402

ROGERS (CANADA)

USB

Novatel MC950D
ZTE MF636 (Rocket Stick)
ZTE MF668 (Rocket Stick)
ExpressCard
Novatel X950D

SOFTBANK (JAPAN)

USB

Softbank C01LC

GENERIC UMTS/GSM DEVICES

These devices were tested using the AT&T network in the United States and may or may not work with other UMTS/GSM carriers internationally.

USB

Huawei E220
Huawei E160E - Orange Branded
Novatel MC930D
Novatel MC950D
Sierra Wireless 880U
Sierra Wireless 885U
(Compass 885)
ZTE MF626

ExpressCard

Sierra Wireless 880E
Huawei E870
Huawei E870 - Orange Branded

GENERIC CDMA DEVICES

These devices were tested on CDMA networks that have approved these devices for use around the world and may or may not work with carriers that have approved them for use on their networks.

For specific information, please the carrier you are looking for usage approval of these devices on their network.

USB

Huawei EC168C
Sierra Wireless USB 598
ExpressCard
Sierra Wireless Aircard 402



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SPRINT

When using the Sprint WiMAX network, the following Modem Firmware must be loaded onto the CradlePoint Router

[Download Modem Firmware 5.2.206](#)

USB 4G/3G

Franklin U300

Franklin U301

USB 3G

Franklin CDU-680

Novatel MiFi 2200

Novatel U720

Novatel U727

Novatel U760

Sierra Wireless 595U

Sierra Wireless Compass 597U

Sierra Wireless Compass 598U

ExpressCard

Novatel EX720

Novatel C777

Sierra Wireless Aircard 402

Sierra Wireless 597E

²PC Card (PCMCIA)

Novatel S720

Pantech PX-500

Sierra Wireless Aircard 595

Phones

Blackberry 8703e

Blackberry 8130

Blackberry 8330

Blackberry 8830

¹HTC Touch

¹HTC Mogul (6800)

¹HTC Apache (6700)

LG Fusic LX-500

LG Muziq

Motorola KRZR

Motorola RAZR V3c

Motorola RAZR2

Motorola Q

Motorola Q9c

Palm Centro

Palm 700w

Palm 755p

Samsung A900

Samsung A900M

Samsung A920

Samsung ACE

Samsung i830

Samsung SPH-m520

Sanyo SCP-8400

Sanyo Katana

Sanyo Katana 2

Sanyo M1

TELUS (CANADA)

USB

Sierra Wireless U306

Sierra Wireless 595U

Sierra Wireless 597U

Sierra Wireless 598U

ExpressCard

Sierra Wireless 597E

TIME WARNER CABLE

ROADRUNNER MOBILE 4G

When using the Roadrunner Mobile 4G network, the following Modem Firmware must be loaded onto the CradlePoint Router

[Download Modem Firmware 5.2.206](#)

USB

Franklin CMU-300 (3G and 4G)

Franklin U301 (3G and 4G)

Motorola 25w100

T-MOBILE

USB

Huawei UMG-181

ExpressCard

Option GE442

T-MOBILE (UK)

USB

ZTE MF637

VERIZON

USB

Novatel MiFi 2200

Novatel USB720

Novatel USB727

Novatel USB760

Sierra Wireless 595U

Pantech UM150

Pantech UM175

Pantech UMW190

ExpressCard

Kyocera KPC680

Novatel V740

Novatel PC770

²PC Card (PCMCIA)

Sierra Wireless Aircard 595

Verizon PC5750

Phones

Blackberry 8703e

Blackberry 8130

Blackberry 8330

Blackberry 8830

Blackberry 9530 (Storm)

LG VX7200

LG VX8000

LG VX8300

Motorola RAZR V3c

Palm 700p

Palm 700w

Verizon XV6800

VIRGIN MOBILE

USB

Novatel MC760

VODAFONE (UK)

USB

Huawei K3565

1- The user experience with devices running Windows Mobile is less robust than other phones and modems. Windows Mobile devices connected to either a PC or a CradlePoint router have exhibited erratic behavior while using data sharing capabilities. Issues include frequent disconnects for no apparent reason and remedies entail frequent rebooting the phone and or removing the phone's battery. This problem is not something that can be resolved by CradlePoint Technology and will need to be addressed by the phone manufacturer. Please refer to our release notes.

2 - ExpressCard to PCMCIA adapters are not supported. For ExpressCard modems, use the ExpressCard slot. - Blackberry Devices running the 5.0 Version of Blackberry Operating System are known to have problems connecting to CradlePoint routers. It is recommended that users wanting to connect or "tether" to a CradlePoint router with their Blackberry device use the 4.x or earlier Blackberry Operating Systems."

LIST UPDATED 03/29/2010

MBR1200

Failsafe Gigabit N Router for Mobile Broadband

with **VPN Support**

ALWAYS CONNECTED

The CradlePoint MBR1200 is a robust 802.11n router with 3G/4G * failover capabilities. Built for home, small business, branch offices, temporary and remote enterprise environments seeking to implement continuous, always-on connectivity.

With its failover/failback capability, the MBR1200 automatically switches to a secondary connection (either wired or wireless) when your primary service is interrupted. Once your service is restored, the MBR1200 will automatically failback to the primary connection - keeping your business online with minimal interruption to users.**

VPN: SECURE AND RELIABLE

The high-performance MBR1200 has the capability to create, manage, and terminate multiple IPSec VPN sessions. It provides up to five concurrent sessions, supporting transfer and tunnel modes and several Hash and Cipher algorithms. These encryption protocols protect your communications from one private network to another from end-to-end.

ENTERPRISE POWER - SMB SIMPLE

Powered by WiPipe™ technology, the MBR1200 router includes many features found in expensive, enterprise-class routers at a fraction of the cost. With minimal setup and maintenance, including our pre-installed software, it has “right out of the box” simplicity.

Standard on the MBR1200 are security features such as multiple WiFi encryption modes (WEP and WPA/WPA2 Personal and Enterprise) and built-in firewall, which prevent unauthorized use of your connection. With no additional software to load, you’ll be up and running in minutes.



MBR1200 features

- **Easy Setup & Maintenance**
- **High Performance Internal Antennas**
- **Cellular Redundancy Failover to 3G/4G**
- **Gigabit Ethernet Ports**
- **Works with USB, PC Card, & ExpressCard modems**
- **Modem Security Enclosure Available**

Whether you're wired or wireless, the MBR1200 Business Series Router keeps your business connected.

Connects With Any WiFi-Enabled or Ethernet Device



MBR1200

Failsafe Gigabit N Router for Mobile Broadband



SPECIFICATIONS	
MODEL NAME:	MBR1200 Failsafe Gigabit Broadband N Router
WAN / INTERNET:	3G/4G via Five Modem Ports (3 USB 2.0, 1 ExpressCard, 1 PC Card); One Ethernet Port (10/100/1000); One LAN Ethernet Port re-configurable to WAN for redundancy
LAN:	WiFi 802.11 b/g/n, Four Ethernet Ports (10/100/1000)
ANTENNAS:	Internal WiFi antennas (300+ yards range), external antenna ports for optional antennas providing additional distance and performance.
BUTTONS / SWITCHES:	WiFi On/Off Switch, WPS Button (WiFi Protected Setup), Modem Signal Strength, Reset, and Power Switch
LED INDICATORS:	Power, Ethernet LAN (1-4), Ethernet WAN, 3G/4G WAN, 3G/4G Modem Status (5), WPS (WiFi Protected Setup), Signal Strength
DIMENSIONS:	9" x 5.1" x 1.57" (230mm x 130mm x 40mm)
CERTIFICATIONS:	FCC, IC, CE, WiFi Alliance
OPERATING TEMPERATURE:	0°C to 50°C

IN THE BOX	
	MBR1200 Failsafe Gigabit Broadband N Router, Power Adapter (12V, 1.5A), CAT5 Ethernet Cable (5ft), Mounting Hardware, Quick Start Guide, Accessory Guide

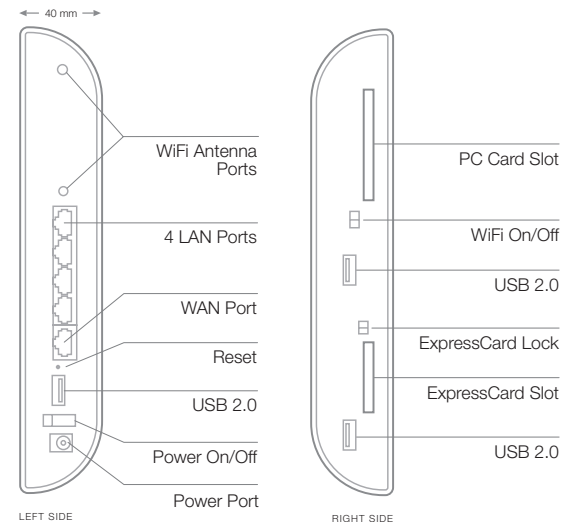
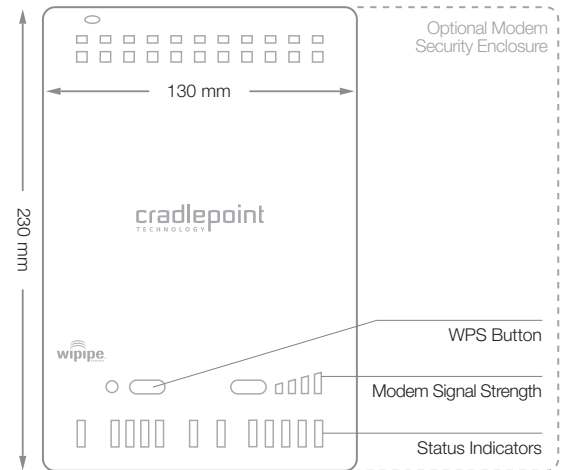
MINIMUM REQUIREMENTS	
	Mobile Broadband USB, ExpressCard or PC Card Data Modem with Active Subscription or Supported Phone with Active Tethered (Phone-As-Modem) Data Plan
	Management Interface Requires An Internet Browser: Internet Explorer v6.0, Firefox v2.0, or Safari v1.0 Minimum

DETAILS	
	2.412 to 2.484 GHz Frequency Band Operation
	Compliant with IEEE 802.3 and 3u Standards
	Supports OFDM and CCK Modulation
	Supports Cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP, or L2TP Connection Types
	Traffic Control and Virtual Server (max 32 servers) and DMZ
	Compatible with HSPA, EVDO, & WiMAX Cellular Network Devices
	Easy Management via HTTP and Remote Management via HTTP and SNMP
	Full Integration with WiPipe™ Manager (Optional Managed Services from CradlePoint)

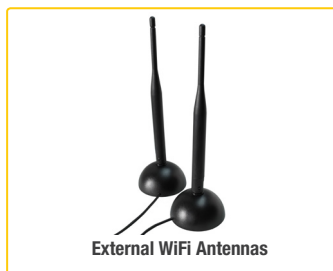
VPN INFORMATION	
	Create, Manage, and Terminate Up To 5 IPsec VPN Sessions
	Supported VPN Implementations: MBR1x00 to MBR1x00, MBR1x00 to Cisco/Linksys Routers ¹ , MBR1x00 to Linux Systems ²
	Tunnel (default) and Transfer (a.k.a. Transport) Modes
	Hash Algorithms (hardware accelerated) - MD5, SHA128, SHA256, SHA384, SHA512
	Cipher Algorithms (hardware accelerated) - AES, 3DES, DES
	Keying - automatic using IKE 1.0 or Manual
	Authentication Method: Pre-Shared Key ³

¹ Tested against a Cisco 5500 running IKE Microcode: CNLite-MC-IPSEC-Admin-3.03 IPsec Microcode: CNLite-MC-IPSEC-MAN-2.03
² Tested with Linux Kernel: 2.6.18 - 2.6.25; IKE (Racoon): 0.7.0 and 0.7.1
³ No Stream Compression, L2TP or PPTP Support

SECURITY	
	Optional Modem Security Cap ensures your modems stay where you put them.
	Firewall features Network Address Translation (NAT) and Stateful Packet Inspection (SPI) which prevents against DoS attacks.
	Access Control available in encrypted and open modes, as well as password protected Internet Access to prevent unauthorized usage.
	Provides additional security of Enable/Disable SSID and Internet Access Control (Services, URL, and MAC Filtering)
	Supports multiple concurrent IPsec, L2TP, and PPTP VPN Pass-Through Sessions
	Supports 64/128-bit WEP, WPA, WPA2 (Personal & Enterprise) Wireless Security Modes



RECOMMENDED ACCESSORIES



Modem Security Enclosure
Protect your USB, ExpressCard, and PC Card modems with a security enclosure

Car Power Adapter
Take your router on the road with ease

External WiFi Antennas
Significantly extend the range of the MBR1200 with powerful antennas (wall mount kit included)