

CradlePoint MBR1200B

MOBILE BROADBAND ROUTER

Wireless WAN connectivity for small business or remote office



- Ideal for small business and home office
- Easy to install and set up
- Automatic failover to 3G/4G
- Automatic failback when wired connection resumes
- High performance internal WiFi antennas
- Supports over 125 of the latest 3G/4G USB and ExpressCard modems

WIRELESS WAN CONNECTIVITY

The CradlePoint MBR1200B router enables easy-to-install wireless connectivity in small business or remote office locations. Ideal for small businesses, temporary command centers, home offices, recreational vehicles, and mobile networks; the CradlePoint MBR1200B provides wired Ethernet, and 3G/4G wireless WAN connectivity to keep you and your business up and running.

ENTERPRISE POWER, SMALL OFFICE EASY

Powered by WiPipe™ technology, the MBR1200B 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.

ALWAYS CONNECTED

- Use as primary connection to the Internet with wired or wireless broadband.
- Ensure against loss of productivity and business opportunity with automatic failover to 3G/4G when the wired connection is disrupted.
- Load balance across the multiple wired and/or wireless connections when additional bandwidth is required.

SECURE AND RELIABLE

- LAN connections are protected with advanced WiFi encryption.
- Main office access and business transactions are protected by VPN capability, and other security features to ensure your network stays secure.
- Designed for small office/home office deployments.
- Engineered for day-in, day-out 24/7 Internet connectivity.

REMOTE MANAGEMENT, SERVICE AND SUPPORT

- WiPipe™ Central remote management web portal enables remote configuration, network-wide firmware updates and a variety of reporting and alerting capabilities to inform on network status and prevent overage charges.
- CradleCare Standard: covers hardware for first year, additional coverage can be purchased for subsequent years.
- CradleCare Plus and CradleCare Premier: extended support and service agreements available for enterprise.



MBR1200B Mobile Broadband Router

Key Feature and Benefits

Internet Access and Device Connectivity

Plug-and-play support for over 125 of the most advanced broadband data modems (LTE, WiMAX, HSPA+). Security cap available to prevent device theft

5 Ethernet 10/100 LAN/WAN ports for Ethernet-enabled devices or landline Internet (up to 2 WAN, up to 5 LAN, 5 total)

Wireless LAN - WiFi (802.11 b/g/n) supports up to 64 connections at a time

Business Continuity: Failover/Failback

Automatic failover to wireless WAN connection when wired WAN disruption occurs, automatic failback when wired WAN connection is restored

Load balancing across multiple wired and wireless WANs for more bandwidth

Proactive alerts when failover occurs through WiPipe Central™

Flexibility

Remote management with WiPipe™ Central and SNMP v1,2,3

Two SSIDs, with individual security, separate critical traffic

“WiFi-as-WAN” mode enables use as a WiFi repeater, WiFi bridge or as a WiFi-to-Ethernet adapter for Ethernet-enabled devices

Two Ethernet ports can be configured to “WAN Mode” to provide wireless and wired failover and load balancing

Data usage management and alerts to monitor data usage and avoid overages

Security

IPsec VPN (2 concurrent sessions) with GRE tunneling option, also supports pass-through VPN connections (IPSec, L2TP, PPTP)

WEP, WPA, WPA2, WPA2 Enterprise and AES encryption for secure WiFi

Stateful packet inspection firewall and NAT (network address translation) to prevent unwanted access to connected computers

Variety of security features (URL filtering, traffic filtering, DMZ, virtual server, port forwarding) for safer internet access

Service, Support, and Warranty

Limited 1 year warranty included featuring 5x12 technical support, and access to software updates and hardware repair or replacement

CradleCare Plus and CradleCare Premier optional enterprise support agreements available with 24/7 technical support, software updates and upgrades and advanced hardware exchange

Specifications

DATA IN: USB modem (2), ExpressCard modem (1), 10/100 Ethernet ports (2) (cable/DSL/satellite modems), WiFi (as WAN) wireless 2x2 MIMO “N” WiFi 2.4GHz (802.11 b/g/n)

DATA OUT: WiFi (802.11 b/g/n), five 10/100 Ethernet ports (WAN/LAN Switchable)

TEMPERATURE:
0°C to 40°C (32°F to 104°F) operating
-20°C to 70°C (-4°F to 158°F) storage

RELATIVE HUMIDITY (non-condensing): 10% to 85%, operating
5% to 90%, storage

SIZE: 9-in x 5.1-in x 1.6-in (230mm x 130mm x 40mm)

CERTIFICATIONS: FCC, CE, IC, WiFi Alliance, 802.3

What's in the Box

MBR1200B with internal 2x2 N WiFi antennas

12V / 1.5A power supply

5-foot Ethernet cable

Setup guide with warranty information

Requirements

Internet Service: Either active mobile broadband plan with USB or ExpressCard modem with a cellular provider **or** Ethernet-based Internet connection (DSL, Cable, T1)

Browser (to configure router) Minimum of Firefox v2.0, Internet Explorer v7.0, Chrome, or Safari v1.0

Router Details

WAN Security NAT, SPI, ALG, inbound filtering of IP addresses, port blocking, service (port) filtering (FTP, SMTP, HTTP, RPL, SNMP, DNS, ICMP, NNTP, POP3, SSH), protocol filtering, WAN ping (allow/ignore)

Redundancy and Load Balancing Failover/failback with 4G/3G /Ethernet, Load Balancing, WAN failure detection

Intelligent Routing UPnP, DMZ, virtual server/port forwarding, routing rules, NAT-less routing, route management, content filtering, website filtering, local DHCP server, DHCP client, DNS, DNS proxy. ALGs: PPTP, L2TP, PPPoE passthrough, IPsec passthrough, FTP (passive), FTP (active), MAC address filtering, dynamic DNS

Management Remote WAN web-based management access (HTTP, HTTPS), web-based GUI (easy management), server-based centralized management (WiPipe™ Central), SNMP v1, v2c & v3, one-button firmware upgrade, modem configuration and management, modem data usage and alerts

Performance & Health Monitoring Modem Health Management (MHM) improves connectivity of 3G/4G modems, SSID-based priority, WAN port speed control

VPN (IPSec) Tunnel, NAT-T and transport modes, device to CradlePoint, Cisco/Linksys, Linux system, Hash (MD5, SHA128, SHA256, SHA384, SHA512), Cipher (AES, 3DES, DES), support for 2 connections, GRE tunneling, multiple networks supported in a single tunnel