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The IT Solution Experts

## **CradlePoint MBR1200B Router**

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# MBR1200B Mobile Broadband Router

## Key Features 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 CradlePoint Enterprise Cloud Manager

### Flexibility

Remote management with CradlePoint Enterprise Cloud Manager

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

CradleCare Support Agreement with technical support, software upgrades, and advanced hardware exchange – 1, 3, and 5 year options

Limited 1 year warranty included with hardware repair or replacement – extend warranty to 2, 3, or 5 years

CradleCare Site Survey and Installation services offered for rapid deployment

## 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 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 with rule selection, Advanced Load Balancing options (round robin, spillover, data usage, rate), 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** CradlePoint Enterprise Cloud Manager for remote configuration, updates, management and alerts (subscription-based); web-based GUI (local management); remote WAN web-based management w/access control (HTTP, HTTPS); SNMP v1, v2c & v3. One-button firmware upgrade; modem configuration, update and management, modem data usage and alerts

**Performance & Health Monitoring** Modem Health Management (MHM) improves connectivity of modem, SSID-based priority, WAN port speed control, several levels of basic and advanced logging for troubleshooting

**VPN** (IPSec) Tunnel, NAT-T and transport modes. Device to CradlePoint, Cisco/Linksys, CheckPoint, Watchguard, Juniper, SonicWall, Adtran and others. Hash (MD5, SHA128, SHA256, SHA384, SHA512), Cipher (AES, 3DES, DES), support for 2 concurrent connections, GRE tunneling