

CradlePoint MBR1400

Mission-Critical Mobile Broadband Router

Wireless WAN connectivity for distributed enterprise and retail locations



Keep Your Business Network Online with High-Speed Wireless Broadband

WIRELESS WAN CONNECTIVITY

The CradlePoint MBR1400 business series router enables easy-to-install wireless connectivity in fixed-business locations. For distributed enterprises such as branch offices, retail POS locations, restaurants, and small businesses, the CradlePoint MBR1400 provides Ethernet wired, and 3G/4G wireless WAN connectivity to keep your business up and running.

BUSINESS CONTINUITY

As businesses move to cloud computing and increase dependence on remote applications, reliable Internet connectivity becomes mission critical for business success. CradlePoint's business series Router combines the power and flexibility of our flagship router with support for over 125 of the latest 3G/4G (LTE, WiMAX, HSPA+ etc.) USB and ExpressCard modems to provide a business continuity solution.

FLEXIBLE

- The attached 3G/4G wireless modems can be used as automatic failover when the wired connection is disrupted, or as primary connect when wireline is not available or impractical.
- Create alternate networks, off the main corporate network, such as public WiFi to simplify PCI compliance, digital sign and kiosk deployments, etc.
- Load balance across the wired and/or multiple wireless connections when additional bandwidth is required.

SECURE AND RELIABLE

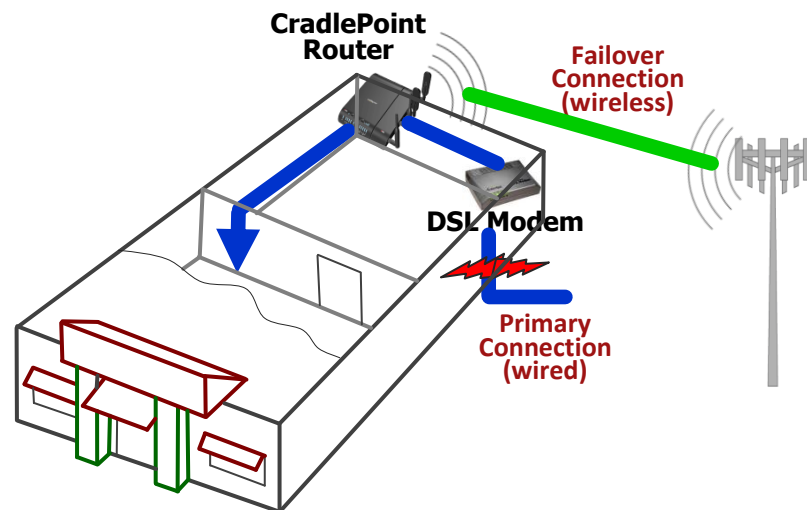
- LAN connections are protected with advanced WiFi encryption, LAN Segmentation, and VLAN capabilities.
- Main office access and POS transactions are protected by VPN capability, and other security features to ensure your network stays secure.
- Designed for PCI-DSS compliant network architectures.
- Engineered for day-in, day-out 24/7 Internet connectivity, the Business Series Routers ensure reliable connections when you need them.

REMOTE MANAGEMENT, SERVICE AND SUPPORT

- WiPipe™ Central remote management 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.
- In addition to the standard 1 year warranty, Standard and Proactive enterprise support agreements are available.

ENTERPRISE PERFORMANCE

CradlePoint MBR1400 Business Series Routers offer the latest in high-speed 3G/4G wireless connectivity to deliver the continuous uptime and bandwidth needed to support growth in cloud computing and ensure against loss of productivity and business opportunity.



MBR1400 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

Optional integrated high-speed 3G/4G modem for better performance and reliability

5 Ethernet 10/100/1000 LAN/WAN ports for Ethernet-Enabled devices or landline Internet

Wireless LAN - WiFi (802.11 a/b/g/n) Supports up to 128 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, SNMP v1,2,3 or CLI over SSH

Four SSIDs, with individual security and QoS settings, separate critical traffic or create a public WiFi hotspot

Create a WiFi hotspot with a captive portal (terms of service, ads, etc).

"WiFi-as-WAN" mode enables use as a WiFi repeater, WiFi Bridge or as a WiFi-to-Ethernet adapter for Ethernet-enabled devices

Multiple 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

Serial console available to control another attached device (USB to Serial)

Security

IPsec VPN (Up to 20 concurrent sessions) with GRE Tunneling Option, also supports pass-through VPN connections (IPSec, L2TP, PPTP)

WEP, WPA, WPA2 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.

VLAN Support to isolate, segment and secure your network

Service, Support, and Warranty

Limited 1 Year Warranty included featuring 5x12 technical support + access to software updates + hardware repair or replacement

Optional Enterprise Support Agreement available with 24/7 technical support + software updates and upgrades + advanced hardware exchange

Specifications

DATA IN: **Wireless WAN modem**, 10/100/1000 Ethernet Ports (cable/DSL/satellite modems), WiFi (as WAN) Wireless 3x3 MIMO "N" WiFi 2.5GHz or 5GHz (802.11 a/b/g/n)

DATA OUT: WiFi (802.11 a/b/g/n), Five 10/100/1000 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 or 7.25 or 9.6)-in x 1.6-in (230mm x (130 or 185 or 245) mm x 40mm)

CERTIFICATIONS: FCC, WiFi Alliance, 802.3, plus Carrier specific certifications

What's In The Box (Integrated Versions)

MBR1400 with integrated business-class wireless WAN modem

External 3G or 4G mobile broadband modem antennas (2) (SMA) w/ multiplexing for GPS (on some models)

External high-gain WiFi antennas (3) Reverse SMA (2dBi, 2.4GHz)

12V / 1.5A power supply

Quick Start Guide with Warranty Information

Requirements

Internet Service: Active Mobile Broadband plan with 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 (future), 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 pass-through, IPsec pass-through, 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, CLI over SSH, One-button firmware upgrade, Modem Configuration and Management, Modem Data Usage and Alerts

Performance & Health Monitoring WiPipe™ QoS, with Traffic Shaping, 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 20 concurrent connections, GRE Tunneling, multiple networks supported in a single tunnel