

CRADLEPOINT COR

INTEGRATED BROADBAND ROUTER

IBR600 Series - Hardened for Machine - To - Machine



THE HEART OF YOUR M2M NETWORK

- For use in business critical high-availability installations such as ATMs, Kiosks, Surveillance, Vehicles, etc. that require 24x7 connectivity
- Increase your network availability with WiPipe™-powered automatic failover/failback internal functionality
- Supports both wireless and wired Internet connections (two Ethernet ports for either LAN/LAN or WAN/LAN)
- Secure IPSec VPN (5 concurrent sessions maximum)
- Wireless 2x2 MIMO "N" WiFi (802.11 b/g/n) or no WiFi options available. (see available models on reverse side)
- Create a customized Hotspot with our captive portal feature (include TOS, Ads, etc.)

The CradlePoint COR Series is built for your M2M network. It's an affordable highly-featured, compact router designed for critical business and enterprise applications that require 24x7 connectivity.

With its compact size, sleek metal case, mounting bracket, external Mobile Broadband and WiFi antennas (optional), COR is ideal for use in high-availability portable or fixed applications like ATMs, kiosks, surveillance, vehicles, etc.

Get instant network connectivity with a CradlePoint COR, which features a built-in modem – just activate and go. It also supports traditional wired data networks like DSL or Cable for maximum network flexibility.

Increase your internet availability and ensure maximum uptime with business continuity features like failover / failback standard in CradlePoint COR. When configured, the router detects network failures and seamlessly switches over to another active connected network(s) - keeping your network online.

Additionally, COR is ideal for deployment as a primary connection solution where wired internet is not available.

COR also provides secure and reliable VPN functionality, allowing users to create, manage and terminate up to 5 concurrent IPSec VPN sessions. It allows for secure access to company networks for enterprise applications and provides a secure way to transmit sensitive data to and from a remote site.

www.cradlepoint.com/cor



POWER / WAN / LAN



ON-OFF / LEDs / SIGNAL STRENGTH
(IBR600 Shown, IBR650 Available with no WiFi)

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INTEGRATED BROADBAND ROUTER: IBR600 Series

Provides advanced support for distributed operations and emerging industries that require flexible, reliable and secure access such as temporary internet installations, additional network bandwidth or for kiosks, digital signage, and other Machine-to-Machine (M2M) applications.

Internet Access and Device Connectivity

Includes integrated high-speed 3G EVDO Rev. A modem, backwards compatible to EVDO Rev 0 and CDMA2000 1xRTT, GPS support

2 Ethernet LAN/WAN ports for Ethernet-Enabled devices or landline internet

Wireless 2x2 MIMO "N" WiFi (802.11 b/g/n) (optional)

Supports up to 32 WiFi connections at a time (optional)

Two SSIDs (with own security and QoS settings separate critical traffic or create a public WiFi hotspot) (optional)

Security

IPsec VPN (Up to 5 concurrent sessions) with GRE Tunneling Option, also supports pass-through VPN connections (IPSec, L2TP, PPTP)

WEP, WPA, WPA2 and AES encryption for secure WiFi

SPI 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.

Flexibility

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

"WiFi-as-WAN" mode enables use as a WiFi repeater or as a WiFi-to-Ethernet adapter for non-WiFi devices.

Ethernet ports can be configured to "WAN Mode" to create a WiFi hotspot from a wired internet connection

Network Failover support

GPIO available for additional hardware control

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 24x7 technical support + software updates and upgrades + advanced hardware exchange

IBR600 Series Includes

IBR600E: Includes WiFi, Hotspot Services/Captive Portal, WiFi-as-WAN

IBR650E: WiFi not included to facilitate PCI and HIPPA Compliance

Specifications

DATA IN: 3G via internal EVDO Rev. A modem, backwards compatible to EVDO Rev 0 and 1xRTT, 10/100 Ethernet Port, WiFi

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

CABLE/DSL/SAT MODEMS: Dynamic IP, Static IP, PPPoE, PPTP Connection

TEMPERATURE:

-10°C to 60°C (14°F to 140°F) Operating Modem as WAN
-10°C to 50°C (14°F to 122°F) Operating Ethernet as WAN
-20°C to 70°C (-4°F to 158°F) Storage

RELATIVE HUMIDITY (non-condensing): 10% to 85%, Operating
5% to 90%, Storage

SIZE: 3.3-in x 4-in x 0.9-in (85mm x 102mm x 22mm)

WEIGHT: 7.2 oz (200g)

CERTIFICATIONS: FCC, IC, CE, WiFi Alliance, PTCRB, 802.3, plus Carrier specific certifications

What's In The Box

IBR600E or IBR650E Integrated Broadband Router

External 3G mobile broadband modem antennas (2) (SMA)
w/ multiplexing for GPS (IBR600E and IBR650E)

External WiFi antennas (2) Reverse SMA (IBR600E only)

12V / 1.5A power supply with robust locking connector

Quick Start Guide with Warranty Information

Mounting Bracket

Requirements

Internet Service and Modem 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 Filtering (FTP, SMTP, HTTP, RPL, SNMP, DNS, ICMP, NNTP, POP3, SSH), Protocol filtering, WAN ping (allow/ignore)

Redundancy and Load Balancing Failover/Failback with 3G/Ethernet, Load Balancing, WAN Failure Detection via ping

Intelligent Routing UPnP, DMZ, Virtual Server/Port Forwarding, Routing Rules, 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), One-button firmware upgrade, USB firmware upgrade, Modem Configuration and Management, Server-based centralized Management (WiPipe™ Central), Modem configuration and management

Performance & Heath Monitoring WiPipe™ QoS, with Traffic Shaping, SSID-based priority, WAN port speed control

VPN (IPSec). Device to CradlePoint, Cisco/Linksys, Linux system, Transfer Modes, Hash (MD5, SHA128, SHA256, SHA384, SHA512), Cipher (AES, 3DES, DES), Support for 5 concurrent connections, GRE Tunneling



One-year limited hardware warranty only available in the US and Canada. Product specifications are subject to change without notice, and product appearance may differ from image depicted on this package. This product requires either a and active subscription from a wireless service provider or Ethernet-based broadband service from an Internet service provider to receive internet service. Check with your broadband provider for service coverage, fees, and other charges. © 2011 CradlePoint, Inc. All rights reserved. CradlePoint, WiPipe™, and the WiPipe logo are trademarks of CradlePoint, Inc. in the US and other countries. Other trademarks are the property of their respective owners.