cradlepoint

Global Leader in 4G LTE Network Solutions

Cradlepoint COR IBR600B Series
Integrated Broadband Routers

The Cradlepoint COR IBR600B Series is a semi-ruggedized router built for M2M, IoT and industrial networks. With an embedded Category 4 4G LTE modem with HSPA+ failback, the COR IBR600B Series is an affordable, feature-rich compact router designed for critical business and enterprise applications that require 24/7 connectivity.

With its compact size, built-in mounting bracket, external mobile broadband and WiFi antennas (IBR600B only), wide temperature spec, shock and vibration certifications, and sleep mode/ignition sensing, the Cradlepoint COR IBR600B Series is ideal for use in high-availability portable or fixed applications like kiosks/ATMs, surveillance, digital signs, and parallel networking.

Cradlepoint COR provides instant network connectivity with a built-in modem — just add a mobile broadband plan or insert an activated SIM (2FF) and go. It also supports traditional wired data networks like DSL, cable, or T1 for maximum network

flexibility. Business-continuity features like failover/failback come standard in Cradlepoint COR. When configured for failover, COR detects network failures and seamlessly switches over to a secondary WAN — keeping your network online.

The Cradlepoint COR IBR600B Series includes an embedded Category 4 LTE modem with HSPA+ failback that offers faster download speeds, dual-SIMs, and SIM-based Auto Carrier Selection for Verizon, T-Mobile and AT&T in the US. As an important element in the Cradlepoint Platform Extensibility, the COR IBR600B Series supports the COR Extensibility Dock accessory, Router SDK and ECM API.

THE HEART OF YOUR M2M NETWORK

+ For use in 24/7 business-critical applications: kiosks, surveillance cameras, digital signage, parallel networking, and many other industrial/M2M applications

+ Faster: Category 4 modem, faster processor, and Gigabit Ethernet port

+ Embedded Category 4 modem with dual SIMs; supports Verizon, AT&T, and T-Mobile in the US

+ SIM-based Auto-carrier selection for flexibility and faster

deployments

+ Cloud-managed for ease of deployment, remote management, and reporting

+ High network availability with automatic failover and failback

+ WiFi* (IBR600B) and no-WiFi (IBR650B) options available; Wireless 2x2 MIMO "N" WiFi (802.11 b/g/n)*

+ Certified for shock and vibration in accordance with MIL STD 810G

and SAE J1455 — be confident in the device's ability to survive challenging environments, including vehicles

+ COR Extensibility Dock: Enables additional modem, Ethernet ports, GPIOs, and redundant power

+ Support Extensibility Platform: Extensibility Dock, GPIO cable, Router SDK, ECM API

*WiFi is only supported on IBR600B models

GO TO **CRADLEPOINT.COM/IBR600B** TO LEARN MORE.

FEATURES

INTERNET ACCESS AND DEVICE CONNECTIVITY

+ Includes embedded 4G/Cat 4 LTE modem (see product spec sheet for options and specifications)

+ Two Ethernet LAN/WAN ports (one Gigabit Ethernet) for Ethernet-enabled devices or landline Internet

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

SECURITY

+ IPsec VPN (up to 5 concurrent sessions) and GRE Tunneling option, also supports passthrough VPN connections (IPsec, L2TP, PPTP)

+ Layer 2 Tunneling Protocol (L2TP)**

+ WEP, WPA, WPA2, WPA2 Enterprise with AES encryption for secure WiFi*

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

+ Zone-based firewall

+ Variety of security features (URL filtering, IP & traffic filtering, DMZ, port forwarding) for safer Internet access

+ Advanced security mode and reporting to facilitate PCI-DSS compliance

FLEXIBILITY

+ SIM-based Auto Carrier selection

+ First-time and advanced setup wizards for easy, swift, and secure setup

+ IP passthrough support provides 4G-to-Ethernet adapter

+ Network failover support & load balancing

+ VRRP for enterprise router redundancy**

+ SNMP v1/2c/3, CLI over SSH, and SMS

+ IPv6 support

+ LAN/WAN affinity or Policy Based Routing to assign specific LAN traffic to a WAN

+ Enterprise routing protocols:** BGP, OSPF, RIP

+ Advanced APN management

+ Network Mobility (NEMO) support for session continuity in mobile networks**

EXTENSIBILITY

+ COR Extensibility Dock
  + Dual-modem support w/MC400
  + 2 extra 10/100 Ethernet ports
  + 2x10 connector for Extra GPIOs
  + 5V DC 50mA sensor power
  + Redundant power supply-capable

+ USB-to-serial console available

+ +9 wire GPIO cable available with 4 GPIOs ignition sensing and redundant power

PROTECT YOUR INVESTMENT: 24/7 SUPPORT

Keep deployments running with less time and effort. The CradleCare Support Agreement gives IT professionals access to a dedicated Cradlepoint Support Engineer, who provides consultation on network design, works with multiple parties – including wireless operators – to triage and address issues, and serves as a single point of contact with guaranteed response times.

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**Requires an Extended Enterprise License

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About us
- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.

- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers
- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services
- Legacy is one of the best repair facilities in North America

Discontinued product sourcing
- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services
- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

Dedicated client account team
- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services
- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.

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