

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 - 150Mbps 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, 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 insert a SIM card activated with a mobile broadband data plan, 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.



Applications:



Cameras



Digital Signage



Parallel Networking



Kiosks

THE HEART OF YOUR M2M NETWORK

- + For use in 24/7 business-critical applications: M2M/IoT & industrial
- + Embedded Category 4 modem with dual SIMs; supports Verizon, AT&T, & T-Mobile in the US & all Canadian carriers
- + SIM-based Auto-carrier selection for flexibility & faster deployments
- + Cloud-managed for ease of deployment, remote management, & reporting
- + High network availability with automatic failover & 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 & SAE J1455

NETCLOUD PLATFORM

- + Cloud-managed for ease of deployment, remote management, & reporting
- + Supports NetCloud Engine for easy integration into cloud-based networks

*WiFi is only supported on IBR600B models

BENEFITS

INTERNET ACCESS & DEVICE CONNECTIVITY

- + Includes embedded 4G Category 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

EXTEND & CUSTOMIZE

- + COR Extensibility Dock: add a second modem, FirstNet modem, or custom sensor or radio module
- + Router SDK: Support unique applications with custom scripts running on the router
- + NCM API: Utilize router data while maintaining single-pane-of-glass network management

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

Quick Specs

Wireless Broadband Technology	4G LTE / HSPA+
Cloud Management	Yes
SD-WAN & Virtual Cloud Networking	Yes
Carrier Switching	Yes (AT&T, T-Mobile & Verizon only & Canadian carriers)
Ports (LAN / WAN)	2 / 2 (1 GigE), +2 with COR Extensibility Dock
Enterprise-Grade Modems	Certified embedded 4G LTE
WiFi	802.11 b/g/n*
GPS	None
SIM Slots	2
Housing	Semi-ruggedized
Router Operating Temperature	-4°F to +140°F (-20°C to 60°C)
Dock Option	Enables dual modems with COR Extensibility Dock
Redundant Power Capable	With Extensibility Dock only
GPIOs	2 + 4 with 9-wire GPIO cable
Sleep Mode	Yes
Supports FirstNet (Band 14)	With Extensibility Dock

PROTECT YOUR INVESTMENT WITH CRADLECARE

Keep deployments running with less time and effort. CradleCare Support 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.

For more information, visit cradlepoint.com/cradlecare.

FOR MORE INFORMATION, VISIT CRADLEPOINT.COM/IBR600B.

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**Requires an Extended Enterprise License