

# COR IBR600B/C Series

**Solution:** NetCloud Service for IoT ■ **Application:** Surveillance, Digital Signage, Monitoring, Parallel Networking

The Cradlepoint COR IBR600B/C Series are semi-ruggedized, cloud-managed LTE routers built for IoT, M2M, and industrial networks. With an embedded modem, the Cradlepoint COR IBR600B/C Series is ideal for use in high-availability portable or fixed applications such as surveillance cameras, digital signs, oil and gas monitoring, and Parallel Networking. (WiFi is available on IBR600B/C models.)

Cradlepoint NetCloud Manager enables zero-touch deployment, remote management and reporting, and NetCloud Perimeter to provide reliable perimeter security for IoT and M2M device networks that can be difficult to secure with traditional networking methodologies.

Cradlepoint COR IBR600B/C is sold with the NetCloud Essentials Plan, an all-inclusive networking service package comprised of services, hardware, and support.

**The NetCloud Service for IoT includes:**

- NetCloud management & control service with branch-specific capabilities
- 24x7 support & limited lifetime warranty
- Customer choice of purpose-built hardware
- Option to purchase add-on plans for Advanced functionality

## Key Features

### Hardware Features

- B Series: Embedded 150 Mbps 4G LTE modem with dual SIMs; supports Verizon, AT&T & T-Mobile in the U.S. & all Canadian carriers
- C Series: Embedded 150 Mbps 4G LTE modem with dual SIMs; supports Verizon, AT&T & T-Mobile in the U.S. & all Canadian, European & APAC carriers
- SIM-based Auto-Carrier Selection for flexibility & faster deployments\*
- High network availability with automatic failover & failback between WAN sources to keep your network online 24x7
- WiFi & non-WiFi versions available
- Certified for shock & vibration in accordance with MIL STD 810G & SAE J1455

### NetCloud Platform Features

- Cloud-managed for ease of deployment, remote management & reporting
- Includes NetCloud Perimeter for reliable IoT & M2M network security



## Benefits

### Increase Network Availability

- Embedded 4G LTE with HSPA+ fallback ensures connectivity anywhere
- Supports Ethernet WAN (T1, DSL, Cable, MetroE), WiFi-as-WAN & Metro WiFi\*
- Dual-modem capable for failover or load balancing
- Semi-ruggedized for high reliability
- Monitor uptime with real-time alerts

### Deploy & Scale Quickly

- Includes NetCloud Manager to increase speed of deployment with “zero-touch” configuration
- Manage, monitor & troubleshoot remotely

### Secure & Protect

- Advanced security, VPN & stateful firewall to protect sensitive data
- Cloud-managed security & content filtering (CIPA compliant)
- Create encrypted & perimeter-secured overlays that protect IoT devices & isolate them from other networks

### Extend & Customize

- COR Extensibility Dock: add a second modem
- Router SDK: Support unique applications with custom scripts running on the router
- NetCloud API: Utilize router data while maintaining single-pane-of-glass network management

## Quick Specs

Enterprise-Grade LTE Modem	Embedded 150 Mbps download & 50 Mbps upload†
Auto Carrier Switching	Yes, for supported carriers
Ports (LAN / WAN)	2 / 2 switchable (1 GigE), +2 with Extensibility Dock
WiFi	802.11 b/g/n*
GPS	C = Passive GPS; B = None
SIM Slots	2
Operating Temperature	-4°F to +140°F (-20°C to 60°C)
GPIOs	2 + 4 with 9-wire GPIO cable
Ignition Sensing / Sleep Mode	Yes
Shock & Vibration Certified	Semi-ruggedized with MIL STD 810G & SAE J1455

\*WiFi on IBR600B/C Series only, †Theoretical maximum speed

The IBR600B/C can be packaged with the following plans:

Service Plan	Part Numbers
<b>North America:</b> NetCloud Essentials for IoT Routers	TAX-6x0BLP4-NNN TAX-6x0-150M-NNN
<b>Europe (EU):</b> NetCloud Essentials for IoT Routers	TAX-600C150M-EWM
<b>Asia-Pacific (AP):</b> NetCloud Essentials for IoT Routers	TAX-600C150M-PWM
<b>All Regions:</b> NetCloud Advanced for IoT Routers	TAX-NCADV

x = 1, 3, or 5 years; z = VZ, AT, SP, GN

## Comprehensive 24x7 Support & Limited Lifetime Warranty

Cradlepoint’s all-inclusive NetCloud Service Plan includes limited lifetime hardware warranty and global 24x7 enterprise-class support (phone support: 24-hour weekdays with emergency response on weekends; web: 24x7, chat: 24x5). With comprehensive support and warranty, Cradlepoint solutions are designed to keep networks secure, problem-free, and operationally efficient. Learn more at [cradlepoint.com/support-services](http://cradlepoint.com/support-services)

[Learn more at cradlepoint.com/ibr600b](http://cradlepoint.com/ibr600b) & [cradlepoint.com/ibr600c](http://cradlepoint.com/ibr600c)

