

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
- Customer choice of purpose-built hardware
- 24x7 support & limited lifetime warranty
- 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 & fallback 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

NetCloud Service Plans with the COR IBR600B/C Series

Package	IBR600C Part #	IBR600B Part #
North America:		
NetCloud IoT Essentials Package	TAx-6y0C-150M-NNN TBx-6y0C-150M-NNN	TAx-600BLP4-NNN TAX-650BLP4-N0N
Europe (EU):		
NetCloud IoT Essentials Package	TAx-600C150M-EWM TBx-600C150M-EWM	N/A
Asia-Pacific (AP):		
NetCloud IoT Essentials Package	TAx-600C150M-PWM TBy-600C150M-PWM	N/A
All Regions:		
NetCloud IoT Adv. Plan Upgrade	TAx-NCADV TBx-NCADV	TAx-NCADV

x = 3 or 5 years; y = 600C or 650C model

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

