

IBR600C Series Router

Semi-ruggedized router with GPS and public safety support for mission-critical IoT



**Firewall Throughput:
75 Mbps**



**WAN Connectivity:
4G Cat 4, GbE**



**LAN Connectivity:
Wi-Fi 4, GbE**



**Management:
NetCloud**

The Cradlepoint IBR600C Series is semi-ruggedized, cloud-managed LTE router built for IoT, M2M, and industrial networks. With an embedded modem, the Cradlepoint COR IBR600C 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.

Cradlepoint NetCloud 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 endpoints provide industry-leading, LTE connectivity as well as Ethernet and Wi-Fi. These purpose-built endpoints are sold as part of a NetCloud Package that includes a subscription to the NetCloud Service, continuous modem and software feature enhancements, 24x7 support, on-demand training, and limited lifetime warranty.

Key Benefits:

- Embedded Category 4 LTE modem
- Dual-SIM with Auto-Carrier Switching
- Semi-ruggedized for industrial applications
- Extend the service with NetCloud SDK and API
- Dual-modem support with COR Extensibility Dock
- Passive GPS

Hardware Specs

Category	IoT
Cloud Management	Yes
Wireless Connectivity	LTE
Form Factor	Metal
Ethernet Ports	1 GbE, 1 FE (LAN/WAN switchable)
USB Ports	1
Serial Ports	0
Dual-Modem Support	Yes with COR Extensibility Dock
Network Operator Standards	PTCRB (U.S.), GCF (Worldwide)
Network Operator Certifications	AT&T, Verizon
Regions	North America, Europe, Middle East, Africa, Asia-Pacific <i>See country and model availability</i>
Public Safety Networks	FirstNet Ready™ <i>See data sheet for model applicability</i>
Firewall Throughput	75 Mbps
VPN Tunnel Count	5
Wi-Fi	802.11 b/g/n (Wi-Fi 4)
GNSS/GPS	Passive
Operating Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Optional Content Filtering	Through Zscaler / Umbrella / OpenDNS

NetCloud Features for IoT

NetCloud Service for IoT encompasses a suite of technologies designed for IoT applications: reliability, security, management, and data orchestration. Each service includes:

- Centralized endpoint management with insights and visual analytics
- 24x7 enterprise support and limited lifetime warranty
- On-demand training with Cradlepoint University

Secure Remote Management & Orchestration	●
Dynamic Routing Protocols, Traffic Steering & QoS	●
Zone-Based Firewall & VPN	●
Diagnostics & Troubleshooting	●
Insights, Alerts & Dashboard Analytics	●
Extensibility (SDK, API, third-party integrations)	●
Secure Overlay Perimeter Network	●
In-Band & Out-of-Band Management	●
Real-Time Troubleshooting Tools	●
Insightful Cellular Health & Modem Data-Usage Dashboards	●
IoT Ecosystem Integration (Microsoft Azure IoT Central)	●
Location Services	●

● Included ● Advanced

Learn more at cradlepoint.com/ibr600c-series