

# Cradlepoint IBR600C Series

**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**



**NetCloud Solution:  
IoT**

The Cradlepoint COR 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

<b>Category</b>	IoT
<b>Cloud Management</b>	Yes
<b>Wireless Connectivity</b>	LTE
<b>Form Factor</b>	Metal
<b>Ethernet Ports</b>	1 GbE, 1 FE (LAN/WAN switchable)
<b>USB Ports</b>	1
<b>Serial Ports</b>	0
<b>Dual-Modem Support</b>	Yes with COR Extensibility Dock
<b>Cellular Standards</b>	PTCRB, GCF
<b>Network Operator Certifications</b>	Certified: AT&T, Verizon Supported: T-Mobile, Bell, Rogers, TELUS, Telstra
<b>Regions</b>	North America, Europe, Middle East, Africa, North America
<b>Public Safety Networks</b>	FirstNet Ready™
<b>Firewall Throughput</b>	75 Mbps
<b>VPN Tunnel Count</b>	5
<b>Wi-Fi</b>	802.11 b/g/n (Wi-Fi 4)
<b>GNSS/GPS</b>	Passive
<b>Operating Temperature</b>	-20 °C to 60 °C (-4 °F to 140 °F)
<b>Optional Content Filtering</b>	Through Zscaler / Umbrella / OpenDNS

## NetCloud Features Included

The Cradlepoint IBR600C Series router is part of a NetCloud IoT, an all-inclusive networking service comprised of support, hardware, and software services.

- Business intelligence and remote cloud management
- Purpose-built hardware
- 24x7 enterprise support and limited lifetime warranty

The table below summarizes some of the included features.

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

● Essentials    ● Advanced    ○ Not Supported

Learn more at [cradlepoint.com/ibr600c-series](https://www.cradlepoint.com/ibr600c-series)