

Cradlepoint IBR900 Series Router

Compact, ruggedized Gigabit-Class LTE router for advanced Mobile and IoT connectivity



**Firewall Throughput:
940 Mbps**



**WAN Connectivity:
4G Cat 11 or Cat 18,
GbE**



**LAN Connectivity:
Wi-Fi 5, GbE**



**NetCloud Solution:
Mobile or IoT**

The Cradlepoint IBR900 Series router is a ruggedized Gigabit-Class LTE networking platform that was designed for persistent connectivity across a wide range of in-vehicle and mobile applications as well as portable or fixed IoT installations. The IBR900 Series accommodates environmentally harsh environments while delivering enterprise-class standards of reliability, scalability, comprehensive management, and security.

For organizations that depend on field forces and mobile networks, the Cradlepoint IBR900 Series mobile router with the NetCloud Mobile solution package provides ruggedized and GPS-enabled in-vehicle network solutions that are SD-WAN and SD-Perimeter-capable. With an available Gigabit-Class LTE modem, Gigabit Wi-Fi, and advanced security features, the IBR900 delivers enterprise networking capabilities for mobile applications that require secure, always-on connectivity.

The IBR900 Series with NetCloud IoT Solutions Package provides a compact ruggedized 4G LTE router solution for connecting and protecting IoT devices at scale. With an extensive list of safety and hardening certifications, it can be confidently deployed in the field, in buildings, or in embedded systems to deliver complete visibility, security, and control of connected devices anywhere.

Key Benefits:

- Deploy a robust, dependable Gigabit-Class LTE network platform for first responders and commercial fleets
- Add a second cellular modem, with an Extensibility Dock, for multi-link dependability
- View cellular health with an LTE signal strength map displaying all areas a fleet has driven
- Implement WiFi-as-WAN for data-intensive tasks such as video offloading
- Install in harsh environments where connectivity must be reliable
- Deploy IoT at scale and gain visibility, management, and actionable insights

Hardware Specs

Category	Mobile or IoT
Cloud Management	Yes
Wireless Connectivity	LTE
5G Optimized	None
Form Factor	Ruggedized Metal
Ethernet Ports	2 GbE (LAN/WAN switchable)
USB Ports	1
Serial Ports	0
Dual-Modem Support	Yes with COR Extensibility Dock
Cellular Standards	PTCRB, GCF
Network Operator Certifications	Certified: AT&T, Verizon, Sprint, Telstra, NTT DoCoMo, KDDI, Softbank Supported: T-Mobile, U.S. Cellular, Bell, Rogers, TELUS, Vodafone, EE, Optus
Regions	North America, Europe/Middle East/Africa, Asia-Pacific
Public Safety Networks	FirstNet Ready™
Firewall Throughput	940 Mbps
VPN Tunnel Count	10
Wi-Fi	Dual-band, dual-concurrent; 802.11ac Wave 2 (Wi-Fi 5)
GNSS/GPS	Active
PoE	No
Operating Temperature	-30 °C to 70 °C (-22 °F to 158 °F)
Antennas & Power Adapter Included	IoT Package only

NetCloud Features for Mobile & IoT

Cradlepoint IBR900 Series Router is part of a NetCloud Mobile or IoT Package, an all-inclusive networking service comprised of hardware, software, support, warranty, and training.

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

	IoT	Mobile
Secure Remote Management & Orchestration	●	●
Dynamic Routing Protocols, Traffic Steering & QoS	●	●
Zone-Based Firewall & VPN	●	●
Insights, Alerts & Dashboard Analytics	●	●
Extensibility (SDK, API, third-party integrations)	●	●
Diagnostics & Troubleshooting	●	●
Secure Overlay Perimeter Network	●	●
In-Band & Out-of-Band Management	●	●
Real-Time Troubleshooting Tools	●	●
Modem-Data-Usage Dashboard & Predictive Alerting	●	●
Location Services	●	●
IoT Ecosystem Integration	●	●
Cellular Health, Traffic & Security Dashboards	●	●
Cellular Coverage Map & Location Tracking	○	●
Application-Aware Traffic Steering, QoS, Networking & Firewall	○	●
Web Filtering & Threat Management	○	●

● Essentials ● Advanced ○ Not Supported

[Learn more at cradlepoint.com/ibr900](https://www.cradlepoint.com/ibr900)

