

COR IBR900 Series

Ruggedized LTE router for vehicles



Applications: Police | First Responders (Fire/Ambulance) | Taxi | Service Van

The Cradlepoint COR IBR900 Series router offers a ruggedized LTE networking platform designed to provide connectivity across a wide range of in-vehicle and mobile applications, including police and first responders, service and delivery vans, taxi and limo fleets, and more.

With an embedded Gigabit Class LTE modem, optional second modem, and Wave 2 dual-band, dual-concurrent Gigabit WiFi, the IBR900 Series routers provide highly reliable 24x7 connectivity for employees and devices, both inside and outside the vehicle.

Highly secure connectivity is provided by the zone-based object firewall and by optional CP Secure Threat Management for IPS/IDS. In addition, NetCloud Perimeter can help provide a perimeter-secured overlay network for more securely connecting in-vehicle IoT devices.

In-vehicle networking

- For business-critical in-vehicle applications that require 24x7 connectivity
- Supports SIM-based Auto-Carrier Selection
- Ruggedized for vibration, shock, dust, splash and humidity
- High network availability with second modem in optional Extensibility Dock
- Wave 2 dual-band, dual-concurrent Gigabit WiFi for passenger and device connectivity
- Active GPS and easy integration into AVL (Automatic Vehicle Location) systems
- Ignition sensing and built-in transient and reverse polarity voltage protection

Extensibility

- COR Extensibility Dock for increased availability and bandwidth
- Supports NetCloud OS SDK for edge computing applications
- Supports NetCloud Manager API to utilize router data in third-party applications and network management tools

NetCloud Solution packages include:

- Remote cloud management and network intelligence with NetCloud Manager
- Secure IoT with NetCloud Perimeter for perimeter-secured overlay networks
- 24x7 support and limited lifetime warranty

Benefits

Increase network availability

- Multi-carrier 4G LTE support with dual-SIM capability
- Supports Ethernet and WiFi-as-WAN
- Dual-modem capable for failover and load balancing
- Ruggedized to ensure always-on connectivity
- Monitor uptime with near realtime alerts

Deploy and scale quickly

- Increase speed of deployment with “zero-touch” configuration
- Configure, manage, and troubleshoot remotely with NetCloud Manager

Increase security and protection

- Advanced security, VPN and firewall to better protect sensitive data
- Designed for PCI-compliant network architectures
- Cloud-managed security and content filtering (CIPA compliant)
- FIPS 140-2 Inside versions available

Extend and customize

- COR Extensibility Dock: Add a second modem for highest availability
- NetCloud OS SDK: Support unique applications with custom scripts running on the router
- NetCloud Manager API: Utilize router data while maintaining single pane-of-glass network management

Quick specs*

Wireless Broadband Technology	LTE Advanced Pro/HSPA+ (1000 Mbps) or LTE Advanced/HSPA+ (600Mbps)
SIM-Based Auto-Carrier Selection†	Yes‡
Ports (LAN / WAN)	2 / 2 (GigE), +2 with Extensibility Dock (10/100)
WiFi	Dual-band, dual-concurrent Gigabit WiFi (802.11 a/b/g/n/ac) Wave 2
GPS	Active GPS with TAIP, NMEA. AVL integration with NCM
SIM Slots	2 (4 with Extensibility Dock)
Housing	Ruggedized IP54
Operating Temperature	-22°F to +158°F (-30°C to 70°C)**
GPIOs	2 + 4 with 9-Wire GPIO Cable
Ignition Sensing	Auto on variable time-delay to sleep
FIPS 140-2	With FIPS 140-2 SKUs

Solution packages with the COR IBR900 Series

Solution package	Part numbers
NetCloud Essentials for Mobile Routers	MAx-09001200-NNA
NetCloud Advanced for Mobile Routers	MAx-0900600M-NNA

Comprehensive 24x7 support and limited lifetime warranty

24x7 Support is included in all NetCloud Solution Packages (phone support: 24 hour weekdays with emergency response on weekends; web: 24x7, chat: 24x5). IT professionals have access to our networking experts who can expedite issue resolution and help maximize operational efficiency. You're covered by Cradlepoint Global Support and Limited Lifetime Hardware Warranty. For more information, visit cradlepoint.com/support-services.

Contact your AT&T sales representative to order today.

* Specifications provided by Cradlepoint

** Extended temp wall adapter required to support full range.

† Peak theoretical/download speed. Not substantiated by AT&T.

‡ Additional versions available with different modem configurations.

x = 1, 3, or 5 years

2017 IOT Connected Transportation Award <https://www.iotevolutionworld.com/newsroom/articles/437164-winners-the-2017-iot-connected-transportation-award-announced.htm>

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