

COR IBR1700

Ruggedized LTE router for vehicles



Pictured: COR IBR1700-1200M

Applications: Mass Transit | School Buses | First Responder Command Center | Fleet Trucking

The Cradlepoint COR IBR1700 router offers a ruggedized LTE networking platform designed to provide connectivity across a wide range of commercial and public sector in-vehicle applications, including first responder mobile command centers, mass transit and school buses, commercial truck fleets, and more.

With an available embedded Gigabit Class LTE Advanced Pro modem and a slot for an optional second modem, as well as 802.11ac Wave 2 Gigabit WiFi, IBR1700 routers provide high-performance and highly reliable connectivity for employees, guests, 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
- Ruggedized for vibration, shock, dust, splash and humidity
- High network availability with optional second modem
- Wave 2 dual-band, dual-concurrent Gigabit WiFi for passenger and device connectivity
- OBD-II port connectivity with optional cable
- Dead reckoning with Dedicated GPS + 3-axis Accelerometer + OBD-II
- Ignition sensing and built-in transient and reverse polarity voltage protection

Extensibility

- Second modem slot for increased availability and bandwidth
- Supports NetCloud OS SDK for Edge Computing
- 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

Deploy and scale quickly

- Increase speed of deployment with “zero-touch” configuration
- Configure, manage, monitor, 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

- Built-in second modem slot: Add a second carrier 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+ (1200 Mbps) or LTE Advanced/HSPA+ (600 Mbps)
SIM-Based Auto-Carrier Selection†	Yes‡
Ports (LAN / WAN)	5 LAN/WAN switchable GigE
WiFi	Simultaneous Tri Band 802.11 a/b/g/n/ac Wave 2 MU-MIMO
GPS	Active GPS/GNSS and dead reckoning
SIM Slots	2 (4 with second modem)
Housing	Ruggedized IP64
Operating Temperature	–22°F to +158°F (–30°C to 70°C)**
GPIOs	7 GPIO + 2 ADC
Ignition Sensing	Auto on variable time-delay to sleep
FIPS 140-2	With FIPS 140-2 SKUs

Solution packages with the COR IBR1700 router

Solution package	Part numbers
NetCloud Essentials for Mobile Routers	MAx-17001200-NNA
NetCloud Advanced for Mobile Routers	MAx-1700600M-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