Corporate Armor For more information, please call **877.449.0458**, or email us at **Sales@CorporateArmor.com**.

COR IBR1700

Ruggedized LTE Router for Buses & Trucks

The Cradlepoint COR IBR1700 router offers a ruggedized 3G/4G/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 embedded 600 Mbps modem for LTE Advanced and a slot for an optional second modem, as well as wave 2 ac Gigabit WiFi, the IBR1700 routers provide high-performance and reliable connectivity for employees, guests and devices, both inside and outside the vehicle.

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

Cradlepoint COR IBR1700 mobile routers are sold as an all-inclusive in a NetCloud Solution Package.

NetCloud Solution Packages include:

- Award-winning remote cloud management & network intelligence with **NetCloud Manager**
- Secure IoT networking with **NetCloud Perimeter** for perimeter-secured overlay networks
- **24x7 Support & limited lifetime warranty**

Applications:

- Mass Transit
- School Buses
- First Responder Command Center
- Fleet Trucking

IN-VEHICLE NETWORKING

- For business-critical in-vehicle applications that require 24x7 connectivity
- Supports Carrier/Operators worldwide with SIM-based Auto-Carrier Selection
- Ruggedized for vibration, shock, dust, splash & humidity
- High network availability & FirstNet-ready with optional second modem in built-slot
- Wave 2 dual-band, dual concurrent Gigabit WiFi for passenger & device connectivity
- OBDII port connectivity with optional cable
- Dead Reckoning with Dedicated GPS + 3-axis Accelerometer + OBDII
- Ignition sensing & built-intransient & reverse polarity voltage protection

EXTENSIBILITY

- Second Modem slot for increased availability & bandwidth
- Supports NetCloud OS SDK for Edge Computing
- Supports NetCloud Manager API to utilize router data in third party applications & network management tools

©Cradlepoint. All Rights Reserved. | +1.855.813.3385 | cradlepoint.com

Corporate Armor For more information, please call **877.449.0458**, or email us at **Sales@CorporateArmor.com**.

Benefits

INCREASE NETWORK AVAILABILITY

+ Multi-carrier 4G LTE support with dual-SIM capability
+ Supports Ethernet (T1, DSL, Cable, MetroE), WiFi-as-WAN & Metro WiFi
+ Dual-modem capable for failover & load balancing
+ Ruggedized to ensure always-on connectivity

DEPLOY & SCALE QUICKLY

+ Increase speed to deployment with "zero-touch" configuration
+ Configure, manage, monitor & troubleshoot remotely with NetCloud Manager

SECURE & PROTECT

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

EXTEND & 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	
Supports LTE Advanced	Yes (600 Mbps)
SIM-Based Auto-Carrier Selection	Yes†
Ports (LAN / WAN)	5 LAN/WAN switchable 10/100/1000
Enterprise-Grade Modem	Certified Embedded 4G LTE
Wireless Broadband Technology	LTE / HSPA+
WiFi	Simultaneous Tri Band 802.11 a/b/g/n/ac Wave 2 MU-MIMO
GPS	Active GPS/GNSS & dead reckoning
SIM Slots	2 (4 with second modem)
Housing	Ruggedized
Operating Temperature	-22°F to +158°F (-30°C to 70°C)*
Supports Dual Modems	With field-upgradable MC400 slot
GPIOs	2 + 2 pin connector
Ignition Sensing / Sleep Mode	Yes
FirstNet Certified	Yes
FIPS 140-2 Inside	With FIPS 140-2 Inside SKUs

**Extended temp wall adapter required to support full range.*
†Supports all major carrier/operators in N.America, Europe and Australia/New Zealand.

Solution Packages with the COR IBR1700

Solution Package	Part Numbers
North America (U.S., Canada) NetCloud Essentials for Mobile Routers	MAx-1700600M-NNA
Europe NetCloud Essentials for Mobile Routers (EU)	MAx-1700600M-EWA
Asia-Pacific (Australia, New Zealand, Singapore) NetCloud Essentials for Mobile Routers (AP)	MAx-1700600M-PWA
All Regions NetCloud Advanced for Mobile Routers (Enterprise)	MAx-NCADV

x = 1, 3, or 5 years

Comprehensive 24x7 Support & 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 networking experts who can expedite issue resolution and help maximize operational efficiency. When your applications are mission-critical, you're covered by Cradlepoint Global Support and limited lifetime hardware warranty.

For more information, visit cradlepoint.com/support-services.

FOR MORE INFORMATION, VISIT **CRADLEPOINT.COM/IBR1700** OR CONTACT SALES TO REQUEST A FIELD TEST.

©Cradlepoint. All Rights Reserved. | +1.855.813.3385 | cradlepoint.com