Product Name: CradlePoint 3G M2M Router COR IBR650
Manufacturer: CradlePoint
Model Number: IBR650P

Please Note: The CradlePoint IBR650 does not come with Wi-Fi by default. If you require this option, please select it from the drop down menu above.

CradlePoint 3G M2M Router COR IBR650
The CradlePoint COR IBR650 3G Router is both affordable and feature rich, designed and built for M2M networks and perfect for critical business and enterprise applications requiring 24 x 7 connectivity.
CradlePoint COR IBR650 Key Features

• WiPipe Technology to insure the best use of available bandwidth
• Persistent 3G Network Connectivity
• External Modem Broadband Antennas
• Secure IPSec VPN and Remote Management
• Compact and Rugged for Easy Integration
• Ideal for use in ATMs, Kiosks, Surveillance and Vehicles

The CradlePoint IBR650 has a compact size, sleek metal case, mounting bracket and external mobile broadband and WiFi antennas, making it ideal for high-availability industry applications. The IBR650 provides 3G mobile connectivity for a multitude of high-availability portable or fixed M2M applications including Retail, Finance, Security, Transport, Construction and other applications where connectivity is essential.
CradlePoint IBR650 - Technical Specifications
Internet Access and Device Connectivity

• Includes integrated 3G/4G modem (see attached for options and specifications)
• 2 Ethernet LAN/WAN ports for Ethernet-enabled devices or landline Internet
• Wireless 2x2 MIMO "N" WiFi (802.11 b/g/n)*
• Supports up to 32 WiFi connections at a time*
• Two SSIDs (with individual security, bandwidth limits, and QoS settings; separate critical traffic or create a public WiFi hotspot)*

Security

• IPsec VPN (up to 5 concurrent sessions) and GRE Tunneling option, also supports passthrough VPN connections (IPsec, L2TP, PPTP)
• WEP, WPA, WPA2, WPA2 Enterprise with AES encryption for secure WiFi*
• 802.1Q VLAN support to isolate, segment and secure network traffic
• SPI (stateful packet inspection) firewall and NAT (network address translation) to prevent unwanted access to connected computers
• Variety of security features (URL filtering, IP & traffic filtering, DMZ, port forwarding) for safer Internet access
• Advanced security mode and reporting to facilitate PCI-DSS compliance

Flexibility

• First-time and advanced setup wizards for easy, swift, and secure setup
• Remote management with WiPipe Central™, SNMP v1/2c/3, and CLI over SSH
• IP passthrough support provides broadband-to-Ethernet adapter
• Create a WiFi hotspot with a captive portal (terms of service, ads, etc)*

- Network failover support & load balancing
- GPIO for additional hardware control, serial console available (USB-to-serial)
- LAN/WAN affinity to assign specific LAN traffic to a WAN
- Enterprise routing protocols: BGP, OSPF, RIP
- VRRP for enterprise router redundancy
- GPS NMEA GGA, VGT, and/or RMC sentence support

Service, Support and Warranty

- CradleCare Premier 1, 2, and 3 year Enterprise Support Agreements available with 24/7 technical support, software upgrades and advanced hardware exchange
- Limited 1 year warranty included, access to software updates and hardware repair or replacement. 2 and 3 year warranty extensions available
- CradleCare Site Survey and Installation services offered for rapid deployment

IBR600/IBR650 Differences

- IBR600: Includes WiFi, hotspot services/captive portal, WiFi as WAN*
- IBR650: WiFi excluded in order to facilitate PCI and HIPAA compliance

*WiFi-related items are only supported on IBR600 models
Specifications

- WAN Integrated modem, 10/100 Ethernet port, WiFi as WAN*
- LAN WiFi (802.11 b/g/n)*, two 10/100 Ethernet ports (WAN or LAN)
- TEMPERATURE -20°C to 60°C (-4°F to 140°F) operating modem as WAN -20°C to 50°C (-4°F to 122°F) operating Ethernet as WAN -30°C to 70°C (-22°F to 158°F) storage
- RELATIVE HUMIDITY (non-condensing) 10% to 85%, operating 5% to 90%, storage
- POWER DC input steady state voltage range: 9 - 18VDC Recommended inline fuse for vehicle installations: 1.5A slow blow
- WIFI POWER* (IBR600) Transmit power:15dBm typ for all modes receive sensitivity: -68dBm @ HT20 (11n), -65dBm @ HT40 (11n), -72dBm typ @
- 54Mbps (11g), -84dBm typ @ 11Mbps (11b)
- SIZE 3.3-in x 4-in x 0.9-in (85mm x 102mm x 22mm)
- WEIGHT 7.2 oz (200g)
- CERTIFICATIONS FCC, WiFi Alliance*, carrier certifications (see individual SKUs for additional certifications)

What's in the Box

- COR IBR600/IBR650 Integrated Broadband Router w/ metal mounting bracket
- External 3G/4G mobile broadband modem antennas (2) (SMA) w/ support for GPS on aux connection (some models), finger tighten only
- External WiFi antennas (2) reverse SMA*, finger tighten only
- 12V / 1.5A power supply w/ locking connector; GPIO/power cable available
- Setup Guide with warranty information

Please Enquire

Options available for CradlePoint 3G M2M Router COR IBR650 :

Wi-Fi Required?

No,   Yes.