

CradlePoint 3G WiFi M2M Router COR IBR600



Product Name: CradlePoint 3G WiFi M2M Router COR IBR600

Manufacturer: CradlePoint

Model Number: IBR600

Please Note: The CradlePoint IBR600 does not come with GPS by default. If you require this option, please select it from the drop down menu above.

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The CradlePoint IBR600 3G Router is both feature rich and affordable, designed and built for M2M networks. The IBR600 is ideal for critical business and enterprise applications requiring 24 x 7 connectivity.

CradlePoint IBR600 3G Key Features

- Persistent 3G Network Connectivity
- Secure IPSec VPN and Remote Management
- WiPipe Technology to insure the best use of available bandwidth
- External WiFi and Modem Broadband Antennas
- Compact and Rugged for Easy Integration
- Certified for Hazardous Environments

The compact size of the IBR600 makes it perfect for high-availability industry applications including Retail, Finance, Security, Transport and Construction. The IBR600 comes with a sleek metal case, mounting bracket and external mobile broadband and WiFi antenna. The CradlePoint COR IBR600 gives users VLAN support, VPN endpoint functionality, GPIO support and the ability to be part of a PCI-DSS compliant solution.

CradlePoint IBR600 - Technical Specifications

Internet Access and Device Connectivity

- Includes integrated 3G 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 and 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)*

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- Network failover support & load balancing
- GPIO for additional hardware control, serial console available (USB-to-serial)
- LAN/WAN ability 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

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Options available for CradlePoint 3G WiFi M2M Router COR IBR600 :

GPS Required?

No, [Yes](#).

VoIPVN <http://voip.com.vn>