cradlepoint
TECHNOLOGY

wipipe POWERED™

CBA250
Cellular Broadband Adapter
### *Ethernet to Cellular, Cellular to Ethernet*

SIMPLE SOLUTION

The CradlePoint CBA250 Cellular Broadband Adapter provides IP Pass-Through capabilities for a LAN device requiring wireless broadband access.* For most applications, simply connect the CBA250, turn the unit on, and it's ready to go. The CBA250 handles the connection without configuration and provides enhanced network connectivity with support for USB and ExpressCard** modems running on EVDO and HSPA (3G). Adding a wireless backup or even primary connection has never been easier.

POWERFUL, RELIABLE, CONVENIENT

As a high-performance adapter, the CBA250 supports multiple and concurrent application streams for the attached LAN device converting Ethernet to cellular and cellular to Ethernet. This flexible connectivity solution is platform independent, features two operating modes (configuration and IP Pass-Through), and an "always-on" signal strength meter to determine the best cellular reception for optimum placement. The CBA250 is truly a "drop-in" solution for adding cellular wireless broadband capability.

Add mobile broadband to any Ethernet connection

3G Failover with IP Pass-Through

CDMA/GSM

Ethernet → CBA250

IP Pass-Through

Network

Multi-WAN Router

Primary ISP

Fiber/T1/Cable/DSL
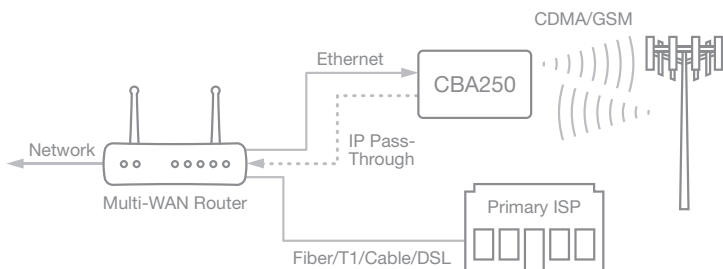
When the primary ISP fails, the CBA250 automatically provides service without interruption

Primary Connection with IP Pass-Through

CDMA/GSM

Ethernet → CBA250

IP Pass-Through

ATM/Kiosk/POS
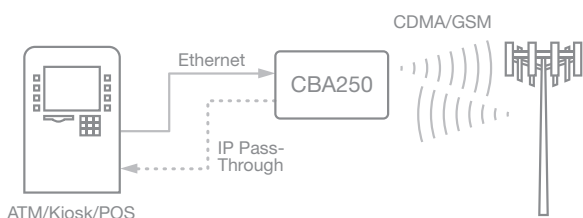
Using 3G instead of wired connections provides greater flexibility

- A **"Drop-In"** Wireless Broadband Solution

- Installs in Minutes No Software to Load

- Great for Failover Redundancy or Primary Connect Applications

- 802.11 b/g

CBA250
Cellular Broadband Adapter

USB modem port

Mode switch

WAN/LAN
Ethernet port

DC in

4.8 inches

2.8 inches

ExpressCard lock

ExpressCard
modem port

Signal strength
indicator

LED indicators   Reset button   Signal button
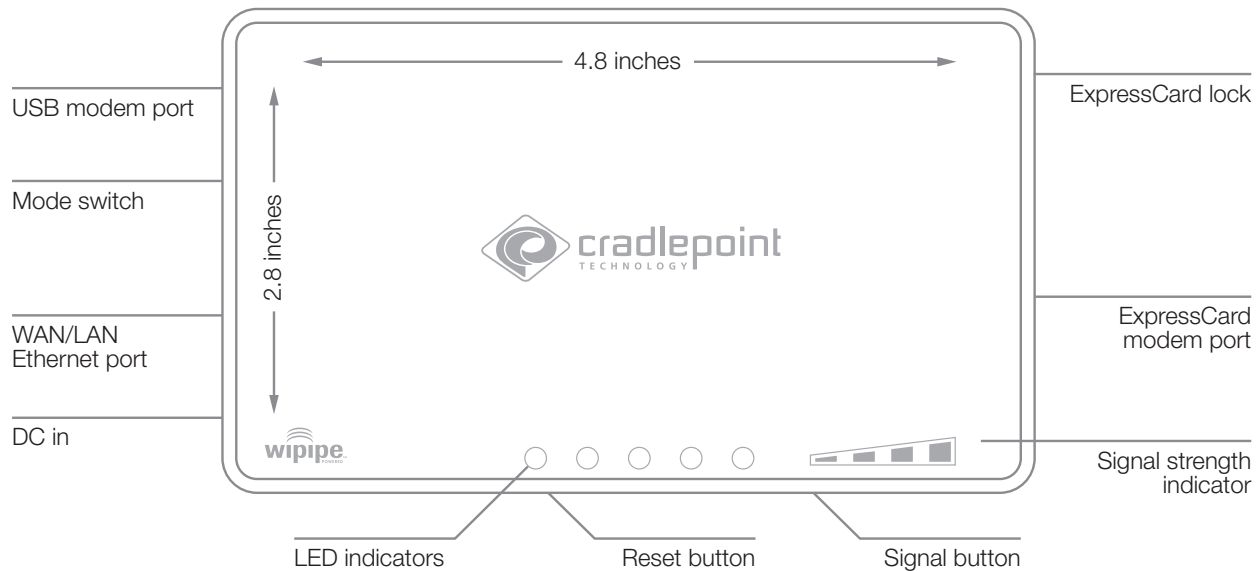
DETAILS

- 10/100 BASE-T Ethernet port
- Use with USB data or ExpressCard data modem
- Compatible with HSPA, EVDO
- UPnP (Universal Plug & Play) and ALGs support for Internet applications, such as Email, FTP, Gaming, Remote Desktop, Net Meeting, Telnet, SSH, and SCP
- Flash memory for firmware upgrade, save/restore settings
- Easy Management via Web Browser (HTTP)
- Compatible with Windows 2000/XP/Vista, Linux, and Mac OS X

SPECIFICATIONS

Model #: CBA250 Cellular Broadband Adapter

Network Connections: Ethernet—1 LAN port
Cellular—1 USB modem port, 1 ExpressCard modem port

Network compatibility: IEEE 802.3u compliant
Cable and DSL modems with dynamic IP, static IP, PPPoE, PPTP, or L2TP connection types

Buttons/Switches: SGNL (signal strength display), Reset button
Configuration mode/IP Pass-Through mode switch

LED Indicators: Power, Ethernet LAN Status, USB modem, ExpressCard modem signal strength

Power: 5VDC, 2.5–3.0A; 100–240 AC

Dimensions: 4.8" x 2.8" x 0.8" (122 mm x 73 mm x 18.5 mm)

Weight: 3.5 oz. (128g)

Temperature: 0°C to 50°C (32°F to 122°F) operating
-20°C to 70°C (-4°F to 158°F) storage

Relative Humidity: 10–85% operating, 5–90% storage

Certifications: FCC Part 15 Class B, CE

IN THE BOX

- CBA250 Cellular Broadband Adapter
- AC Power Adapter
- Quick Start Guide
- Warranty Card

MINIMUM REQUIREMENTS

- Mobile broadband data USB modem with active subscription or supported phone with active tethered data plan. Windows 2000/XP/Vista, Mac OS X, or Linux with Wi-Fi adapter 802.11 b/g recommended
- Internet Explorer v6.0, Firefox v2.0, or Safari v1.0 minimum

*   Based on cellular/mobile broadband coverage.

** USB modem and data plan subscription with a mobile broadband carrier required. CBA250 will also work with "phone as modem" data plan. Over 80 modems and handsets supported. For latest compatibility list visit www.cradlepoint.com.

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