



Junxion Box™
 wireless WAN solution
 JB-110b
 JB-110e
 Firmware v1.1

applications

portable

landline data/voice service back-up
 mobile work teams
 events, trade shows, conferences
 visitor "mobile hotspot"
 incident response
 vacation

fixed

landline data/voice service back-up
 broadband alternative (w/3G service)
 dial-up alternative
 telemetry

temporary

interim (waiting for landline)
 seasonal hotspots
 trial hotspots
 kiosks

vehicle

cars, trucks, RV's
 commercial service/fleet vehicles
 shuttles, carpool/vanpool
 transit (busses, trains, ferries)
 taxis/limos
 private/commercial vessels

Junxion is stirring up new opportunities for wireless data carriers and customers...

...so get ready for fast and convenient Internet access, wherever you may roam.

High-speed cellular data network coverage is now rapidly expanding worldwide, and PC Card modems are enabling owners of some notebook computers to enjoy the benefits of wireless Internet connectivity. However, many people who need connectivity have been unable to take full advantage of this opportunity.

For instance, not all computing devices feature the PCMCIA slots that are required to use PC Card modems. Standard PC Card modem drivers are not typically compatible with operating systems other than Microsoft Windows. It's often not cost-effective or practical to quickly set up computers for PC Card modems when visitor connectivity is desired. And for mobile work groups, shared connectivity using a PC Card modem is inelegant at best. This is where Junxion fits into the picture.

Now more of us can use high-speed wireless data services.

Easy

The Junxion Box enables devices like laptops, desktops, handhelds or remote computers with standard Ethernet or Wi-Fi to easily access cellular data networks. No special software set-up is required for connecting with wireless PC Card modems because the patent pending Junxion Platform firmware takes care of this complexity. Once linked to the Junxion Box, users can also perform local area networking tasks like file sharing and network printing. Administration and settings are handled through Junxion's Device Manager. Simply connect to the Junxion Box and use a standard web browser to log-in and navigate through the intuitive Device Manager controls.

Helpful

The Junxion Box supports a broad array of stationary and portable applications (see examples at left). It's a practical solution for temporary or permanent connectivity. It supports all of Cingular's high-speed cellular data service technologies (GPRS, EDGE, UMTS and soon HSDPA), and it works with common Internet services including web browsing, instant messaging, email and VPN access.

Updateable

We're committed to supporting the rapid evolution of wireless data services. So we made sure the Junxion Box is adaptable to support new customer applications, carrier services and PC Card modems. How? The Junxion Platform firmware updates enable Junxion Boxes to remain current, and an external PC Card slot means modem hardware can be easily upgraded. The result is an extended useful product life, translating into long-term cost savings for our customers. Some of our best product improvement ideas have already sprung from our customers, carriers and other partners.

Timely

High-speed cellular data network deployment is booming, and Junxion's support of mobile Internet usability will fuel the wireless data industry's growth. As more organizations and individuals discover how easy and helpful it can be to access the web using wireless services, the Junxion Box will be a familiar part of the wireless data landscape.

www.junxion.com





1. Bring a Junxion Box
2. Insert a compatible wireless PC Card modem
3. Turn it on



Cellular data coverage



Junxion Box



Devices connect using Ethernet or Wi-Fi

modems

The current Junxion Platform firmware version supports the following PC Card modems (network technologies) from Cingular Wireless:

- Novatel U520 (UMTS)
- Sierra AC 775 (EDGE/GPRS)
- Sony Ericsson GC82 (EDGE/GPRS)
- Sony Ericsson GC83 (EDGE/GPRS)

coming soon

Summer '05 Highlights

- Expanded VPN pass-through
- Integrated "fail-over" routing
- WPA2 Wi-Fi encryption
- Mac address limiting/allowing
- Enhanced LAN IP customization
- More PC Card modems (including HSDPA upon Cingular commercial service launch)

Fall '05

- Remote management
- Onboard VPN (IPsec)

Check for firmware updates and downloads, current product documents and other resources here:

www.junxion.com/support

sales support

For customers

Please contact your Cingular Wireless representative

For Cingular Wireless team

Trio Teknologies
1.800.676.8694
www.junxion.com/cingular

Junxion Box Models

- JB-110b: Ethernet & Wi-Fi LAN, MSRP \$699
- JB-110e: Ethernet LAN only, MSRP \$599

Compatibility

- OS: Any major commercial operating system, including Windows, Mac, Linux and Solaris
- Devices: notebook/desktop/tablet PC's, handhelds, servers, peripherals (printers, VOIP phones, VOIP converters, external hard drives, game consoles, etc.) and others with Ethernet or Wi-Fi

WAN (wide area network)

- Removable wireless PC Card modems
- GPRS, EDGE (class12), UMTS (HSDPA when deployed)
- Modems and data service available through wireless carriers and their agents
- Accepts wireline backhaul (DSL, T1, cable, etc.) via Ethernet port
- Custom APN for GSM networks
- Adjustable keep-alive feature maintains persistent connection

LAN (local area network)

- Ethernet 10/100 Mbit, 2 ports
- Configurable LAN IP address
- 802.11b
- NAT w/Static or DHCP IP addressing
- Configurable DHCP server
- Port-forwarding

Security

- 802.11b on/off
- WEP encryption (64/128 bit)
- VPN pass-through

Administration

- Device Manager, browser-based UI
- Field-upgradeable firmware
- Activity log accessible via Device Manager
- Signal strength meter via Device Manager
- Optional, customizable splash screen
- One year limited warranty
- Extended warranty available

Firmware

- Junxion Platform v1.1

Hardware

- FCC compliant
- PCMCIA card slot (external modem access)
- LED: power, status, Ethernet activity
- Outlet power adapter (12V, 1.25 amp)
- 2 Ethernet cables (crossover)

Physical

- Compact, rugged case
- 6.25" x 10.25" x 1.15" (case only)
- Integrated 20cm antenna separation (no external PC Card modem antenna required per FCC)
- 2.25 lbs. with PC Card modem
- Operating temp: 0° C to 60° C

Accessories

- Replacement outlet power adapter
- Vehicle power adapter
- Travel case (custom, padded, slim)
- Cable kit (2 crossover cables, 2 crossover couplers)
- Mounting bracket (vehicle, server rack)

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