

new second generation platform

junxion product brief

Junxion announces the availability of the new Junxion Box platform running on the JB-120e and JB-120g hardware with version 2.0 of the Junxion firmware.

New firmware platform

The second generation Junxion platform is made possible by upgrading the kernel in the underlying Linux operating system. This upgrade allows for enhanced enterprise functionality. Several new features are included in the v2.0 release and more are coming soon.

IPsec Security Enhancements

- Dead Peer Detection (DPD) allows IKE peer failover to increase IPsec reliability
- Aggressive Mode option for key negotiation
- NAT Traversal for use in terminating IPsec in NAT environments

GRE Tunneling

- The addition of GRE tunneling allows for much greater flexibility in establishing enterprise VPNs

Wi-Fi Enhancements

- 802.11g is now supported with the JB-120g model
- WPA Enterprise has been added as an authentication option for secure Wi-Fi

Other Items

- 50% faster boot time
- Improved IPsec WAN Juggler functionality
- More robust splash page feature, now exclusively available to support custom HTML
- JB-110 units cannot install version 2.0 via Field Commander, a migration utility is coming in 2008

Cellular antenna support

Many customers have used third-party external cellular antennas to enhance throughput in marginal coverage areas. The new hardware has a modified card slot that allows more room to fit almost any cellular modem external antenna.

Junxion v1 support

Junxion will continue to support the first generation Junxion Box platform with new data card drivers and bug fixes. Simultaneous with the launch of v2.0, Junxion has also released a v1.6.04 update for all existing units to support the new data cards listed above. All Field Commander accounts support both first generation and second generation Junxion Box platforms.

Availability

Junxion began selling the JB-120 through Brightpoint to authorized resellers effective November 26 2007. JB-110 units with version 1.6.x units will also be available for a limited time on a special order basis. Please contact your reseller for more information.

Supported Modems

The new platform is compatible with the latest 3G data cards, replacing several EDGE and 1xRTT legacy cards that are no longer supported. For a full list of supported modems refer to www.junxion.com.

AT&T Mobility

- Option GT MAX 3.6 (EDGE/HSDPA)
- Sierra AC875 (EDGE/HSDPA)
- Sierra AC881 (EDGE/HSUPA)

Sprint

- Novatel S720 (1xEV-DO Rev. A/1xRTT)
- Novatel EX720* (1xEV-DO Rev. A/1xRTT)
- Sierra AC 595 (1xEV-DO Rev. A/1xRTT)

Verizon Wireless

- Sierra AC 595 (1xEV-DO Rev. A/1xRTT)
- Dell Wireless 5700* (1xRTT, 1xEV-DO)

* Requires Novatel XCA-3 ExpressCard to PCMCIA adapter