



FREEDOM TO ROAM WHEREVER YOU ARE

GPRS + WLAN COMBO PC CARD

A GPRS + WLAN Combo Card provides the user with the flexibility to access information at anytime and in any place, offering the ultimate mobile connection. It operates in a standard notebook PC Card slot, and will give direct links to the Internet everywhere you go, with multimode radio in both 802.11b Wi-Fi and GPRS modes. PROLINK GL-24GPRS will work not only in home/office, but also in any hotspot. When connected and logged on to any WLAN network, the high-speed data rate WLAN card provides freedom from the limitations of cable access to company information, the Internet and Email. However, when out of the WLAN coverage, the GPRS function provides an alternative way to access to the information. One which sets no limits on the user, especially with the popularity of the GPRS network all over the world.

APPLICATIONS

- Mobile Computing
- Remote Net Access
- Mobile Email
- Seamless Transition



Inserting GPRS Card into Notebook

KEY FEATURES

● Wireless Combo PC Card in GPRS & 802.11b WLAN

The Tri-Band Card operates in EGSM 900MHz, DCS 1800MHz, and PCS 1900MHz bands. It is a GPRS Class B device, and offers 2 Uplink slots, 4 Downlink slots & 5 Maximum slots per single TDMA Frame. Supporting CS1 to CS4 coding schemes, it uses discontinuous receiving (DRX) and discontinuous transmission (DTX) for the ultimate in power saving.

● Multi-Band GPRS

GL-24GPRS combo card is truly multi-band in GSM 900MHz (Standard GSM), GSM 1800MHz (DCS 1800), GSM 1900MHz (PCS 1900) and Extended GSM ranges. It offers GPRS Class 10-2 Uplink slots, 4 Downlink slots, & 5 Maximum slots per a single TDMA frame with data rate up to 107Kbps. It also offers EAP/SIM function if required. With a Power Voltage of 3.3volt (+5%), it outputs up to 2W with a maximum consumption of 410mA.

● 802.11b + WLAN

With 11/5.5/2/1 Mbps data rate and up to 22Mbps, the card is IEEE802.11b Direct Sequence high rate compatible. The design is based on DSSS Technology & supports the modulation of PBCC mode. It can provide a High-Speed wireless connection of up to 22Mbps data rate, and is capable of supporting legacy

hardware across the 11/5.5/2/1 Mbps 802.11b standard. The card also features Advanced Power Management which supports power saving mode for longer battery life in the host device. Based on the popular Card Bus interface, it offers excellent power saving and standards conformity.

● Special Features

As well as the basic 802.11b + WLAN and GPRS support, the card is intelligent enough for the WLAN to signal sense while in GPRS function support. It also offers auto fallback data rate in an environment of interference to ensure best possible signal integrity. And for security purposes, it fully supports 64/128/256 bits WEP Encryption functions.

● General Specifications

- GPRS/WLAN Combo Card - Networking/GPRS combo card
- Max Transfer Rate - 7Mbps in 802.11b WLAN, 85.6Kbps in GPRS Cellular Protocol - GPRS
- Networking Protocol - IEEE802.11b up to 22Mbps
- WLAN signal sense while in GPRS mode
- Connectivity Technology - Wireless
- Enclosure Type - Plug in PC Card Module
- Internal Antenna - Weight: 45.6g
- Dimension - 118 x 54 x 5.0/11mm
- PC Card Standard - V7.0
- Systems Requirements - Microsoft Windows 2000/ME/XP/98