M E R L I N   U 5 3 0 ™

3G Wireless PC Card Modem for Laptop Computers

In today's fast-paced environment, the need for quick and easy access to information is critical in order to increase productivity and stay connected to colleagues and customers. Wide area, wireless access to the Internet and corporate information enables mobile professionals to make informed decisions and stay competitive.

The Merlin U530 redefines the way business professionals communicate by converging telecommunications, information, commerce and computing. Just slide the Merlin U530 into the PC Card slot of your laptop and experience the freedom and robust capabilities of high-speed, wide area, wireless connectivity on the UMTS (Universal Mobile Telecommunications System) network - no wires, no cables, always connected.

Designed to operate on UMTS and GPRS networks throughout Europe and Asia, the Merlin U530 transfers IP packet data up to 384 kbps on UMTS networks and up to 53.6 kbps on GPRS networks. In addition to email, Internet and corporate network access, the Merlin U530 enables high quality web broadcasts, streaming video and audio, and rapid downloads of large attachments .

The Merlin U530 was engineered with simplicity in mind. The MobiLink™ modem manager software seamlessly guides you through installation and configuration making set-up quick and easy. MobiLink™ connects you directly to the Internet, VPN (Virtual Private Network), SIM address book and SMS messaging all within one user-friendly interface.

Security is paramount when connecting to corporate information while on the move. To ensure security, data is encrypted by GPRS and UMTS technology and the SIM card authenticates with the network preventing unauthorized access. Merlin U530 is also compatible with VPN, enabling secure passage through corporate firewalls. So, whether you are at the airport, a coffee shop, or a customer site, you have secure direct access to network servers, intranets, extranets, databases and internal corporate applications.

In office access while out of the office - that's the beauty of broadband wireless innovation. Join the mobile revolution and experience the freedom of 3G UMTS

GSM/GPRS/UMTS NETWORKS: 900/1800/2100 MHz BANDS

NOVATEL WIRELESS™

MERLIN U530 ™

features & benefits

Easy   The easy to use MobiLink™ software included with the Merlin U530 provides a quick network connection and one click access to the Internet, VPN, SIM address book, and SMS messaging.

GPRS and UMTS wireless technology employs extensive authentication and encryption algorithms to ensure security. The SIM card stores authentication information preventing unauthorized access. VPN compatibility adds an extra layer of security while accessing information remotely.   **Secure**

Fast   The Merlin U530 supports UMTS network speeds up to 384 kbps. GPRS data at speeds up to 53.6 kbps provides access in areas where UMTS is not available.

The internal antenna minimizes risk of breakage and maintains optimal signal strength and connectivity in fringe areas.   **Functional**

specifications

Modem Features
- Multimode UMTS/GPRS PC Card
- UMTS data speeds up to 384 kbps
- GPRS data speeds up to 53.6 kbps
- Handles smooth transparent handoff between networks
- MobiLink™ software manages multiple connectivity functions
- Internal antenna minimizes breakage, maintains optimal signal strength and connectivity in fringe areas
- Compatible with virtually all laptops equipped with a Type II PC Card slot
- Two way SMS messaging
- VPN compatibility for secure connectivity

Dimensions
- 5 mm x 54 mm x 121 mm
  (antenna radome is 11 mm thick)

System Requirements
- Microsoft Windows 2000 and XP operating systems
- 64M RAM
- 16M hard disk space
- CD drive

Technical Specifications
- UMTS supported on 2100 MHz band
- GPRS supported on EGSM (900 MHz) and DCS (1800 MHz) bands
- GPRS Multislot Class MS-10 (maximum: 4 slots RX, 2 slots TX, 5 slots active)
- ETSI AT command interface

- RF Output Power
  - EGSM 900 - 2 W max. (Power Class 4)
  - DCS 1800 - 1 W max. (Power Class 1)
  - UMTS 2100 - 125 mW max. (Power Class 4)

- Slot for Plug-in SIM on bottom side of card
- Type II PC Card with extension
- Tri-color status LED
- 16 Mb FLASH memory is reprogrammable for upgrades
- Temperature range 0 to 55℃

- CE regulatory approved

1-888-888-9231   **NOVATEL WIRELESS.**   www.novatelwireless.com