M E R L I N   U 5 2 0 ™

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 U520 redefines the way business professionals communicate by converging telecommunications, information, commerce and computing. Just slide the Merlin U520 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.

The Merlin U520 transfers IP packet data up to 384 kbps on UMTS networks within North America. In addition to email, Internet and corporate network access, the Merlin U520 enables rapid downloads of large attachments .

The Merlin U520 was engineered with simplicity in mind. The MobiLink™ modem manager software seamlessly guides you through installation and configuration making set-up quick and easy. Upon device power up, MobiLink can automatically connect to the UMTS network and provide always-on access to the information you need. With one click of the mouse, MobiLink provides direct access to the Internet, VPN (Virtual Private Network), SIM address book and SMS messaging.

Security is paramount when connecting to corporate information while on the move. To ensure security, data is encrypted by UMTS technology and the SIM card authenticates with the network preventing unauthorized access. The Merlin U520 is also compatible with VPN, enabling secure passage through corporate firewalls. So, whether you are at the airport 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 UMTS mobility.

UMTS NETWORK
1900 MHz BAND

NOVATEL WIRELESS™

M E R L I N   U 5 2 0 ™

P/N 14915011 Rev 1

f e a t u r e s   &   b e n e f i t s

Easy

The easy to use MobiLink™ software included with the Merlin U520 will provide automatic connection upon device power up and always-on network access. With one click, MobiLink provides direct access to the Internet, VPN, SIM address book, and SMS messaging.

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 U520 supports UMTS network speeds up to 384 kbps.

The internal antenna minimizes risk of breakage and maintains optimal signal strength and connectivity.

Functional

s p e c i f i c a t i o n s

Modem Features
- Wide area wireless PC Card modem
- UMTS data speeds up to 384 kbps
- NDIS drivers provide automatic connection and always-on network access
- MobiLink™ software manages multiple connectivity functions
- Internal antenna minimizes breakage, maintains optimal signal strength and connectivity
- Compatible with virtually all laptops equipped with a Type II PC Card slot
- Two way SMS messaging
- VPN compatibility for secure connectivity
- Color LED status indicator

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 1900 MHz band
- ETSI AT command interface
- UMTS 1900 RF Output Power - 125 mW max. (Power Class 4)
- Slot for Plug-in SIM on bottom side of card
- Type II PC Card with extension
- Support for static and dynamic IP addressing
- Support for transparent PPP with static and dynamic IP addressing.
- Firmware is user upgradable
- Temperature range 0 to 55°C
- FCC and 3GPP release 99 approved

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