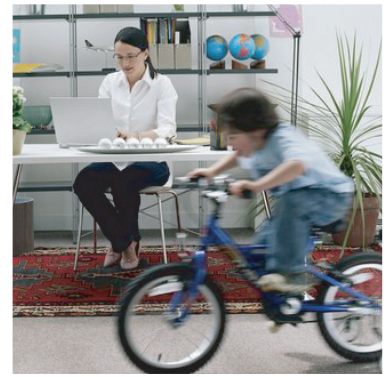


Merlin  
U740™



## HSDPA Wireless Broadband PC Card Modem

### Broadband Data Speeds on the Move

3G HSDPA technology provides broadband data speeds up to 1.8 Mbps\* (greater than many wired broadband data services). Full broadband speeds increase your productivity and maintain contact with clients, colleagues and family.

### Anytime...Anywhere

Four wireless technologies in one PC Card, allows you to work, play, be connected anytime, anywhere worldwide\*.

### Performance When It Counts...

Multi-band built-in antenna system is rugged and durable – no parts to break! High efficiency broadband design provides consistent improved throughput performance.

### Rural Area Support

An external antenna can be added to further enhance data throughput and maximize network connectivity.

### Technology Revolution

Broadband data speeds, enhanced applications, full mobility for the fast paced world we live in.

\*Network/Operator dependent.



Leading Provider of 3G Wireless Broadband Access Solutions for the Global Marketplace.

# Merlin U740™

## Technical Specifications

### HSDPA Wireless Broadband PC Card Modem

#### Technology/Bands

- HSDPA/UMTS 2100 MHz
- EDGE/GPRS 850 MHz
- EDGE/GPRS 900 MHz
- EDGE/GPRS 1800 MHz
- EDGE/GPRS 1900 MHz

#### Dimensions (H x W x D in mm)

- 120.6 x 54 x 5.0

#### Weight

- 45 grams

#### Form Factor

- PCMCIA Type II Card
- USIM\* card slot (card size: 25 x 15mm)
- 32-bit CardBus

#### Antenna

- Built-in 5 bands (integrated)
- High efficiency broadband

#### Visual Indicator (LED)

- Tri-color
- Service/technology modes
- Error conditions

#### Power consumption

- Voltage 3.3v (nominal)
- Usage current: TBD
- Standby current: TBD

#### Environmental

- Operating temperature: 0°C to +55°C
- Storage temperature: -20°C to +65°C
- EMI Shielding

#### Operating Systems Supported

- Windows® 2000
- Windows® XP

#### Network Related

- Auto web upgrade support
- OTA SIM Provisioning
- VPN compatible
- HSDPA Category 12 (QPSK)
- SIM Lock
- URA\_PCH, Cell\_PCH support

#### Data Speeds

- Category 12 QPSK (1.8Mbps)
- Supports 384Kbps UL & 1.8Mbps DL

#### Text Messaging†

- 2 way SMS

#### Optional Accessories

- External antenna

#### User Interface

- Intuitive, graphical, iconic

#### Status Indicators

- Set-up and connection

#### Timers/Counters†

- Data call duration
- Data byte count

#### Applications

- Internet, Intranet
- Email
- Connection logging
- VPN
- Firmware field upgradeable
- Windows® SDK Tool

#### Standards/Specifications

- R&TTE directive 1999/5/EC (health, safety, EMC, spectrum)
- PCMCIA V8.0

#### Approvals/Certifications

- FCC parts 2, 15, 22 & 24
- 3GPP rel. 5
- GSM Phase 2+
- Microsoft WHQL
- CE
- NDIS driver support
- PTCRB/GCF

#### System Requirements

- Card Slot: Type II Card
- Disk Drive: CD ROM
- Memory: 16MB
- RAM: 64MB
- Internet browser software

#### Standard Package Contents

- Merlin U740 Wireless PC card modem
- Modem manager CD (incl. user guide)
- Quick Start Guide
- Storage case

#### Connectivity Manager

- Turn key solution
- Fully customizable / multi-lingual



NOVATEL WIRELESS  
ISO 9001:2000 Certified