Merlin
U630™
Wireless PC Card Modem

High Speed Data

3G UMTS data speeds up to 384 kbps*. Increase productivity and maintain contact with clients, colleagues and family.

Anytime…Anywhere

Your PC Card works anywhere worldwide[†].

Performance When It Counts…

Quad 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.

Computer Compatibility

Compatible with the top 50 laptop makes and models.

*Network/Operator dependent.
[†]GPRS/GSM service only.

A leading provider of 3G Wireless Data Access Solutions

NOVATEL WIRELESS℠

Merlin U630™

Technology/Bands
- UMTS 2100 MHz
- GPRS/GSM 900 MHz
- GPRS/GSM 1800 MHz
- GPRS/GSM 1900 MHz

Dimensions (H x W x D in mm)
- 120.6 x 54 x 5.0

Weight
- 49 grams

Form Factor
- PCMCIA Type II Card
- USIM* card slot (card size: 25 x 15mm)

Antenna
- Built-in (integrated)
- High efficiency broadband

Visual Indicator (LED)
- Tri-color
- Service/technology modes
- Error conditions

Power consumption
- Voltage 5.0v (nominal)
- Usage current: 290 – 600ma**
- Standby current: 170ma

Environmental
- Operating temperature: 0ºC to +55ºC
- Storage temperature: -20ºC to +65ºC
- EMI Shielding

Operating Systems Supported
- Windows® 2000
- Windows® XP
- MAC OS X

Network Related
- Auto web upgrade support

- OTA SIM Provisioning
- VPN compatible
- Always On
- SIM Lock
- URA_PCH, Cell_PCH support
- CSD Video Telephony***

Data Speeds
- Basic PS Modes: 384/128, 384/64, 128/64, 64/64, 32/8 (DL/UL)
- Circuit Switched Data: 64/64 Synchronous (DL/UL)

Text Messaging[†]
- SMS – send
- SMS – receive
- Message received notification

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. 99
- GSM Phase 2+
- Microsoft WHQL
- CE
- NDIS driver support
- GCF CC
- Operator IOT

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

Standard Package Contents
- Merlin U630 Wireless PC card modem
- Modem manager CD (incl. user guide)
- Quick Start Guide
- Storage case

Connectivity Manager
- Turn key solution w/MobiLink
- Fully customizable / multi-lingual

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* USIM card provided by operator upon service subscription; 3.0V card. ** Mode dependent. [†] Application dependent.
*** Supported by third-party software

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