

# Merlin™ X720



## 3.1 Mbps 3G EV-DO Rev. A ExpressCard

### Broadband Data Speeds on the Move

3G CDMA EV-DO Rev. A technology provides data speeds up to 3.1 Mbps\* (greater than many wired broadband data services). Offers fast, wireless broadband speeds to customers and helps them achieve the LAN-like mobility for which the industry has strived. It helps increase productivity to the max while maintaining contact with clients, colleagues and family.

### Compatible with Different Operating Systems

Designed to support different operating systems, the X720 ExpressCard easily functions with Windows® (XP, 2000, Vista) and Mac® (10.4.8 or higher).

### New Form Factor

Smaller and lighter than a traditional PCMCIA card. For use in new mobile computing notebooks that support the ExpressCard 54 and/or 34 interface.

### Intuitive User Interface

The MobiLink™ Connection Manager is simple to install and eases navigation through the card's vast feature suite.

### External Antenna Jack

An external antenna can be added to further enhance data throughput and maximize network connectivity in fringe areas\*.

### A-GPS Capability

Allows you to retrieve location data from GPS satellites and utilize GPS navigation and location-based applications.

### Advanced Antenna Design

The advanced dual band diversity antenna system design incorporates a flip-up antenna, maximizing data speed performance and allowing for stronger network signal reception.



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#### Technology/Bands

- CDMA 1xEV-DO Rev. A & Rev. 0
- CDMA 1xRTT
- CDMA 800/1900 MHz
- Assisted GPS (A-GPS)

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

- 112 mm x 34 mm x 5 mm

#### Weight

- 39 g / 1.4 oz

#### Interface

- ExpressCard Interface

#### Antenna System

- Flip-up
- Receive diversity at 800/1900 MHz
- External Antenna Connector



#### Visual Indicator (LED)

- 2 Color Service State LED

#### Power Consumption

- Voltage 3.3 V (nominal)
- Transmit: max 1000 mA
- Idle: max 150 mA

#### Environmental

- Operating temperature: -20°C to 60°C
- Storage temperature: -40°C to 85°C

#### Connectivity Manager

- Turn key solutions
- Fully customizable
- Intuitive, graphical interface
- Status indicators

#### Connectivity Features

- Auto connect
- Auto/user selectable (EV-DO/1xRTT)
- VPN compatible
- Dial up
- NDIS driver support

#### Text Messaging (1xRTT only)

- SMS-MO
- SMS-MT
- Message received notification
- Message delete
- Message reply/forward

#### Timers/Counters

- Connection time

#### Standards/Specifications

- IS 2000 (CDMA 1xRTT)
- IS 637 A (SMS)
- IS 683 A Service Provisioning
- IS 707 A (data)
- IS 856 A (EV-DO) Rev. A & Rev. 0
- IS 866 (EV-DO) Rev. A & Rev. 0

#### Approvals/Certifications

- R&TTE directive 1999 / 5 / EC (health, safety, EMC, spectrum)
- FCC Type Acceptance
- CDMA Developers Group (stages 1, 2, 3)
- Microsoft WHQL
- ExpressCard standard

#### System Requirements

- ExpressCard 34/54 card slot
- Processor: 166 MHz
- Disk Drive: CD ROM
- Hard Disk Space: 14 MB
- RAM: 32 MB
- Internet browser software

#### Operating Systems Supported

- Windows 2000, XP, Vista
- Mac OS X 10.4.8 or higher

#### Accessories

- External antenna (sold separately)

For More Information:

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**NOVATEL WIRELESS**

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14915041 v1.0 01.07