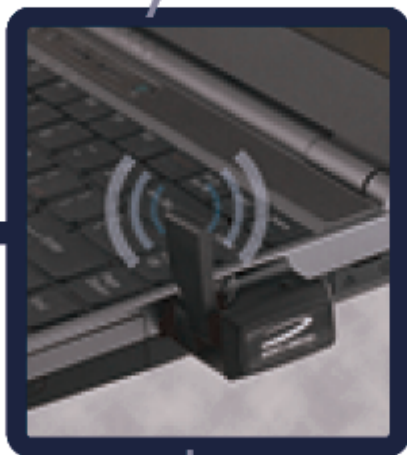


On-the-Go
Mobility



High speed
without wires.

Mobile
Broadband
ExpressCard



Mobile Broadband access to the Internet,
e-mail, VPNs, two-way SMS, and more.

· Global · Fast · Wireless · Compact

Wireless just got faster.

At peak download speeds of up to 7.2 Mbps*, your Merlin XU870 ExpressCard gives you the power and ease to surf the web, download files, and manage your e-mail.

You also get true global mobility. Since it supports HSDPA/UMTS and EDGE/GPRS, you can use your Merlin XU870 in North America, Europe, or Asia Pacific†.

Getting started couldn't be easier. In five simple steps you'll be online and connected. For more details, please refer to the User Guide located on the installation CD.

* Firmware upgrade required. 3.6 Mbps download speed at launch.

† Subject to operator international roaming agreements.

System Requirements

- Windows® 2000, XP (Home or Professional); Vista-Ready, Mac® OS X, Linux® 2.6.16*
- Hard Drive Space: 14 MB
- RAM: 64 MB
- Microsoft Internet Explorer 5.5 or higher

* MobiLink works on the Windows platforms listed above. This wireless communication software is included on the installation CD. Support for Mac OS and Linux is provided through drivers. For more information, see <http://www.novatelwireless.com/products/expresscard/merlin-xu870.html>.

Your Merlin XU870



- 1 **Antenna**
Lift the antenna to the upright position for the best reception.
- 2 **LED**
View to determine the current connection status. See page 10 for a list of colors and corresponding states.
- 3 **SIM Card Slot**
Insert the SIM card into this slot. See page 4 for instructions.
- 4 **External Antenna Connector**
Connect an external antenna to improve reception. This optional accessory is not included with your XU870.

Safety Guidelines

- Avoid storing your Merlin XU870 in extreme temperatures.
- Store your Merlin XU870 in a dry and clean environment.
- Avoid spilling any liquid or immersing your Merlin XU870 in water.
- Do not place any labels on the antenna as this could alter the sensitivity of the antenna.
- Do not place any labels on your Merlin XU870 or the SIM card as this could interfere with the ExpressCard or SIM card slot when inserting.
- Do not force the Merlin XU870 into the ExpressCard slot.
- Do not force the SIM card into the SIM card slot.
- Do not apply force to the top or bottom of your Merlin XU870.
- Remove your Merlin XU870 from the ExpressCard slot before transporting your laptop.

Installation

1 Insert the SIM card

- Make sure the gold contact points are facing upward.
- Align the orientation notch on the SIM card with the orientation notch on the tray.



WARNING: Do not insert your Merlin XU870 into your computer yet. Wait until Step 3.

2 Install the software

Windows users only

- Insert the installation CD into the CD-ROM drive. The program should start automatically. If it doesn't, double-click Autorun.exe file located on the CD.
- The program prepares to install. When the Welcome message appears, click **Next**.
- Read the license agreement. If you agree to the terms, select **I accept...** and click **Next**.
- Click **Install** to install the program.
- A message will appear when the installation is complete. Click **Finish**.
- Restart your computer.

3 Insert your Merlin XU870

- Insert your Merlin XU870 into the ExpressCard slot in your computer.
- Windows reads the information from the card and installs the required drivers.
- Lift the antenna on your Merlin XU870 to the upright position.



4 Create a profile

- Double-click the MobilLink icon on your desktop.
- Click the **Menu** button and select **Profile Manager**.

click the
Menu button



select
Profile Manager

- Click the **New** button.
- Enter the **Profile Name** and **APN***.
- Click the **Next** button.
- If required, enter the **Username*** and **Password***.
- Click the **Finish** button.

* The APN, Username and Password are specific to your mobile operator. Contact your mobile operator for more information.

5 Connect to the Internet

- Double-click the MobilLink icon on your desktop.
- If your SIM card is locked, type in your SIM code and click **OK**.
- When the LED blinks green (GPRS), violet (EDGE), or blue (UMTS), select a profile and click **Connect**.

click
Connect



select a
profile

NOTE: You'll find additional information about profiles and connection states in the User Guide located on the installation CD.

Removing your Merlin XU870

- Click **Disconnect** to end your Internet session.
- Click the **Menu** button and select **Exit**.

click the
Menu button



select Exit

- Remove your Merlin XU870 from the ExpressCard slot.

LED States

LED Color	LED State	Description
RED	 SIM Error	Flashing: SIM card may be missing or inserted incorrectly.
	No Service	Solid: GPRS/EDGE/UMTS/HSDPA cellular service is currently not available.
GREEN	 GPRS	Flashing: GPRS service is available.
		Solid: Connected to a network using GPRS.
VIOLET	 EDGE	Flashing: EDGE service is available.
		Solid: Connected to a network using EDGE.
BLUE	 UMTS	Flashing: UMTS service is available.
		Solid:* Connected to a network using UMTS.
YELLOW	 HSDPA	Solid:* HSDPA service is available and is being used during the download.

* The LED may appear to flash blue and then yellow as the service transitions from UMTS to HSDPA and then back again.