

AIRCARD® 875U USB MODEM

USB WIDE AREA WIRELESS MODEM FOR HSDPA NETWORKS

HOME DESKTOP AND NOTEBOOK COMPUTER USE WITH NEW USB DESIGN:

The AirCard 875U USB modem is the newest addition to the Sierra Wireless family of wireless products. Packaged in a stylish, compact form, the AirCard 875U USB modem can either plug directly into any USB port, or via the included docking cradle. It is a portable solution for enterprise & home use, offering the best mobile and fixed wireless alternative on the market.

Compatible with both Microsoft Windows and Mac OS X operating systems, the AirCard USB modems offer customers an alternative to both PCMCIA and ExpressCard solutions.



NEXT GENERATION HSDPA WIRELESS DATA:

With tri-band HSDPA functionality, the AirCard 875U provides global wireless data connectivity on the 850, 1900, and 2100 MHz bands at speeds up to 3.6 Mbps downlink and 384 Kbps uplink*. In areas where HSDPA is not available, the AirCard 875U is backwards compatible to UMTS, EDGE and GSM/GPRS networks (850, 900, 1800, and 1900 MHz). If an HSDPA network is not readily available in your area, the AirCard 875 will connect to the fastest available network to keep you online**.

Fast HSDPA network speeds provide a rich experience on a wide variety of applications:

Consumer	Business	Applications
•	•	Email – Increased speed to download large files
•	•	Internet/Intranet Access
•	•	Video Conferencing and Surveillance
•		Real-time Media Streaming
•		Online Gaming
	•	Corporate Server (using VPN) Access

USB connector extends to 90, 135 or 160 degrees for convenient positioning.

90°
135°
160°



SIMPLE INSTALLATION AND USE:

Easy-to-install, easy-to-use Watcher™ software provides a common look and feel across all Sierra Wireless products. Familiar signal strength, byte counter, network type and other connection parameters are displayed, along with a detailed Help File to enhance the user experience.

SIERRA WIRELESS RELIABILITY AND SUPPORT:

Sierra Wireless has over 13 years experience and a solid reputation for high quality data products backed by a dedicated field and call center support team. The first to globally launch EV-DO PC Cards and embedded modules, Sierra Wireless has an install base of thousands of enterprise Notebook PC users and M2M applications. For customers using an AirCard® means lowest ownership costs due to device reliability, integration ease and reduced support issues.

*Subject to network conditions

**Dependant on network operator services



- **STYLISH, PORTABLE USB SOLUTION FOR ENTERPRISE & HOME USE**
- **UP TO 3.6 MBPS DOWNLOAD FOR LARGE FILE TRANSFER AND MEDIA STREAMING**
- **TRI-BAND HSDPA OPERATION: 850 MHZ, 1900 MHZ AND 2100 MHZ**
- **SIMPLE INSTALLATION AND A USER-FRIENDLY EXPERIENCE**



Notebook or Desktop Use

Compact, Stylish Design

User-friendly Experience

**AIRCARD® 875U
FOR HSDPA NETWORKS**

TECHNICAL SPECIFICATIONS

TECHNOLOGY:

USB Modem (USB Port)
UMTS with HSDPA support (category 5/6)
3.6Mbps downlink / 384kbps uplink
UMTS with HSDPA support (category 11/12)
1.8Mbps downlink / 384kbps uplink
EDGE/ GPRS MS Class 12
216 kbps downlink/ 216 kbps uplink

BANDS

850/1900/2100MHz WCDMA
Power class 3 (+24dBm)
850/900MHz GSM/GPRS/EDGE
GSM Power class 4/EDGE E2
1800/1900 MHz GSM/GPRS/EDGE
GSM Power Class 1/EDGE E2

OPERATING SYSTEM SUPPORT:

Windows® Vista (when commercially available)
Windows® XP
Windows® 2000
Mac OS X

ENVIRONMENTAL:

Operating Temperature: -30 to 60° Celsius
Storage Temperature: -40 to 85° Celsius

POWER CONSUMPTION:

Voltage: 5.0 V
USB Port: 500 mA
Li-Poly Battery: 380 mA

STANDARDS/APPROVALS

FCC Part 2, 15, 22, 24
Microsoft WHQL
PTCRB
GCF
USB2.0

SINGLE SYSTEM REQUIREMENTS:

USB Port
System: Pentium 150 Mhz or higher
Memory: 32 MB
Disk Space: 32 MB
Disk Drive: CD-ROM

DIMENSIONS:

93mm (L) 39mm (W) x 20mm (H)
Weight: 60 grams (includes battery)

PACKAGE CONTENTS:

AirCard 875U USB Modem
Desktop Cradle
Quick Start Guide
CD including Watcher™ connection software,
user manual and warranty information

FOR MORE INFORMATION

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P/N2150131 rev 1.1



SIERRA WIRELESS, THE LEADER IN WIRELESS WIDE AREA MOBILE COMPUTING

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software for portable and industrial applications. Sierra Wireless's products include:

- AirCard® line of PC Cards, ExpressCards and USB Modems
- Line of PCI Express Mini Cards for CDMA and GSM technology tracks
- MP rugged wireless modem line for EDGE/GSM/GPRS and CDMA 1X networks
- Embedded module series for CDMA 1X, and CDMA 1xEV-DO networks
- Software Development Kits (SDKs)

Now Sierra Wireless enhances your wireless access choices with high-performance broadband wireless products to meet your worldwide needs.

**SIERRA WIRELESS
AIRCARD 875U
WIDE-AREA WIRELESS
USB MODEM**

**FOR HSDPA
NETWORKS**