AirCard® 880U & AirCard® 881U for HSPA Networks

Technical Specifications

■ **Technology**
USB Modem (USB Port)
MSM 7200 Chipset
UMTS with HSDPA Category 8/6/12 (7.2/3.6/1.8 Mbps downlink)
HSUPA Category 5 (2.0 Mbps uplink)
EDGE/GPRS MS Class 12
WCDMA receive equalizer with dual antenna diversity

■ **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
GPS/1575 MHz

■ **Dual Antenna Diversity Support**
AirCard 880: 2100/850 MHz
AirCard 881: 1900/850 MHz

■ **Operating System Support**
Windows® Vista, XP, 2000
Mac OS X

■ **Environmental**
Operating Temperature: 0 to 45° Celsius
Storage Temperature: -40 to 85° Celsius
RoHs Compliant

■ **Power Consumption**
Voltage: 5.0 V
USB Port: 500 mA
Li-Poly Battery: 380 mA

■ **Standards/Approvals**
FCC
A-tick
PTCRB
GCF
Industry Canada
Microsoft WHQL
USB2.0
Other carrier specific approvals

■ **Single System Requirements**
USB Port
System: Pentium 150 MHz or higher
Memory: 32 MB
Disk Space: 32 MB

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

■ **Package Contents**
AirCard 880U or 881U USB Modem
Desktop Cradle
Battery
Quick Start Guide

■ **Accessories**
Visit www.sierrawireless.com/estore for the full accessory line from Sierra Wireless.

■ **For More Information**
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SIERRA WIRELESS
AIRCARD® 880U & 881U

Notebook or Desktop Use

Compact, Stylish Design

GPS and LBS Support

CONNECTING PEOPLE AND SYSTEMS TO MOBILE BROADBAND NETWORKS AROUND THE WORLD

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software. Sierra Wireless modems and software connect people all over the world with mobile broadband networks that keep them in touch, informed, and productive from wherever they need to be. The Company offers a diverse product portfolio addressing enterprise, consumer, original equipment manufacturer, machine-to-machine, and specialized vertical industry markets. Sierra Wireless also provides professional services to customers requiring expertise in wireless design, integration, and carrier certification.

For more information, please visit our website, www.sierrawireless.com.

SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®

■ Home Desktop and Notebook Computer Use With New USB Design

The AirCard 880U and AirCard 881U USB modems are a flexible, portable solution ideal for home office or notebook computer use. These USB modems can either plug directly into any USB port, or via the included docking cradle* for ultimate flexibility and both are compatible with Microsoft Windows and Mac OS X operating systems.

*Carrier dependant

The AirCard 880U and AirCard 881U feature TRU-Durability™, Sierra Wireless's rugged hardware design that ensure our modems are built to deal with the rough and tumble reality of life on the road. As well, with Receive Diversity on the 850 and 2100 MHz bands, the AirCard 880U is optimized for better fringe performance in Europe and Asia. The AirCard 881U is optimized for better fringe performance on North American networks with Receive Diversity on the 850 and 1900 MHz bands.

■ Next Generation HSPA Wireless Data

With tri-band HSPA functionality, the AirCard 880U and AirCard 881U provide global wireless data connectivity on the 850, 1900, and 2100 MHz bands at speeds up to 7.2 Mbps downlink and 2.0 Mbps uplink*. In areas where HSPA is not available, the AirCard 880U and AirCard 881U are backwards compatible to UMTS, EDGE and GSM/GPRS networks (850, 900, 1800, and 1900 MHz).

*Subject to network conditions

■ Fast HSPA Network Speeds Provide a Rich Experience on a Wide Variety of Applications

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

■ LBS Support and Built-in GPS Antenna:

The AirCard 880U and AirCard 881U include built-in GPS capability and support for LBS. This TRU-Locate feature from Sierra Wireless means users can quickly acquire accurate mapping directions to client appointments or locate the closest restaurant, hotel or gas station**.

**Dependant on network operator support. See www.sierrawireless.com for details.

■ Simple Installation and Use With TRU-Install™ and TRU-PowerSave™

The AirCard 880U and AirCard 881U feature TRU-Install, Sierra Wireless' plug-and-play software installation experience. A CD is no longer required so you're up and running in fewer steps and less time!*** Our USB modems also feature TRU-PowerSave, Sierra Wireless' advanced power control that reduces PC battery drain and optimizes modem performance under variable network conditions.

***Available Q4, 2007

■ 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. 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.

■ **STREAMLINED, PORTABLE USB SOLUTION FOR ENTERPRISE & HOME USE**

■ **UP TO 7.2 MBPS DOWNLOAD, AND 2.0 MBPS UPLOAD FOR LARGE FILE TRANSFER AND MEDIA STREAMING**

■ **TRI-BAND HSPA OPERATION: 850 MHZ, 1900 MHZ AND 2100 MHZ**

■ **SIMPLE INSTALLATION AND USER-FRIENDLY EXPERIENCE**

TRUDurability™ TRUDiversity™ TRULocate™
TRUPowerSave™ TRUFlow™ TRUInstall™ ***

***Available Q4, 2007