

# Sierra Wireless AirCard® 313U LTE Mobile Broadband Modem

## Experience 4G speeds up to 100 Mbps

The Sierra Wireless AirCard® 313U USB modem is Sierra Wireless's first in a family of USB modems to support LTE networks – offering download speeds of up to 100 Mbps and upload speeds of up to 50 Mbps. With such significant speeds, and backward compatibility to Dual-Carrier HSPA+, you will increase productivity, real-time responses, and experience smoother streaming.

### ACCESS LTE AND HSPA+

The AirCard 313U is backwards compatible with earlier HSPA+ and HSPA technologies, so you can always access the fastest network technology available. Avoid multiple Internet charges from hotels and Wi-Fi services with a device that's compact and portable.

### VERSATILE DESIGN

The 180° rotating USB hinge makes this modem easy to use with vertical or horizontal USB ports. Its robust design is built to last on the go.

### EASY TO SETUP AND USE

Unique to AirCard modems is the quick and speedy Sierra Wireless Setup Wizard. It lets you install the Sierra Wireless AirCard Watcher software in less than 60 seconds\* without needing a software CD – just plug and play. And with AirCard Watcher software, get online fast in a single click.

### MAP YOUR ROUTE AND LOCATION

Integrated GPS allows you to find nearby restaurants, get directions to your next meeting, and find better routes to avoid getting stuck in traffic. Standalone GPS and A-GPS allow you to quickly and accurately fix your location.

### RELIABLE, CONSISTENTLY HIGH-QUALITY CONNECTIONS

Work without interruption with reliable mobile access from hotels, airports, customer premises, or even trains and cars, with Sierra Wireless technology that provides more consistent, reliable speeds in congested urban areas.

### DEPEND ON SIERRA WIRELESS

Sierra Wireless has specialized in wireless technologies for more than 18 years and delivers products with a proven track record of reliability. Emergency service organizations and businesses with mobile field staff depend on Sierra Wireless modems more often than any other brand.

\*Windows 7 PCs. For more information on Sierra Wireless AirCard Watcher™, visit [www.sierrawireless.com](http://www.sierrawireless.com).



### KEY BENEFITS:

- Connect to the fastest network available at speeds of up to 100 Mbps
- Sleek, innovative design with durability for life on the road
- Plug-and-play installation, in less than 60 seconds\*
- Backwards compatible to HSPA+ networks
- Proven reliability and performance from Sierra Wireless

\*Network dependent



AirCard®

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## Technical Specifications

### TECHNOLOGY

USB Device (USB Port)  
LTE Category 3 (100 Mbps downlink, 50 Mbps uplink)  
HSDPA Category 24 (42 Mbps downlink)  
HSUPA Category 6 (5.76 Mbps uplink)  
EDGE MS Class 12/GPRS MS Class 10  
microSD™/SDHC support (up to 32 GB)  
GPS

### BANDS

LTE: 700 MHz/AWS (1700/2100 MHz)  
UMTS WCDMA: 850/1900/2100 MHz  
GSM/GPRS/EDGE: 850/900/1800/1900 MHz  
GPS: 1575 MHz

### ANTENNA DIVERSITY SUPPORT

2x2 MIMO antenna for LTE  
Type 3i advanced receivers on all UMTS WCDMA bands

### ENVIRONMENTAL

Operating temperature: 0 to 35° Celsius  
Storage temperature: -40 to 85° Celsius  
RoHs compliant

### STANDARDS/APPROVALS (PENDING)

FCC, Microsoft WHQL, IC  
Other carrier specific approvals

### DIMENSIONS

50 mm (L) x 64 mm (W) x 11 mm (H)  
Volume: 34 cc  
Weight: 55 g

### PERSONAL COMPUTER REQUIREMENTS

USB port (2.0 recommended)  
Available disk space: 150 MB

### OS SUPPORT (DRIVERS AND SDK)

Windows® 7, Vista®, or XP Service Pack 3 (32 and 64 bit)  
Mac OS® 10.5 or 10.6 (Snow Leopard)  
Ubuntu Linux 9.04

### APPLICATION SOFTWARE SUPPORT

Windows 7 Mobile Broadband  
Windows 7 Device Stage  
Mac OS WWAN Manager  
Sierra Wireless Setup Wizard  
Sierra Wireless AirCard Watcher™  
Sierra Wireless AirCard Enterprise Watcher  
Sierra Wireless AirCard Updates  
Sierra Wireless AirCard Enterprise Support Tools  
Other carrier specific connection manager software support

### PACKAGE CONTENTS

Sierra Wireless AirCard® 313U USB Mobile Broadband Modem  
USB Extension Cable  
Laptop Display Clip  
Quick Start Guide

Technical specifications subject to change

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