

# Sierra Wireless AirCard® 312U Mobile Broadband Modem

## World's Fastest Speeds for HSPA+ Dual Carrier Networks

Corporate road warriors who demand top-speed Internet access can get it from Sierra Wireless's AirCard® 312U Modem, the first modem supporting speeds of up to 42 Mbps, compatible with the fastest carrier speeds to date. Connect your computer to check email, deliver web seminars, query ERP/CRM applications, or video conference with your team.

### MORE SPEED, MORE FREEDOM, LESS HASSLE

The AirCard 312U is backwards compatible with earlier HSPA technologies, so you can take advantage of GSM, HSPA or HSPA+ networks from your provider. Avoid multiple Internet charges from hotels and Wi-Fi services. Get more mobility, better support, and manage costs more effectively through a single provider.

### 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.

### SIMPLE TO USE

Sierra Wireless AirCard Watcher™ software\* makes life simple. Get online fast in a single click. Browse effortlessly even when conditions are less than optimal with your web browser performance boosts of up to 50%. Automatic firmware and software updates ensure you always enjoy the fastest, most reliable experience.

### SIMPLE TO INSTALL

Plug and play installation typically takes less than two minutes. No need for a software CD, compatible with both Windows and Mac OS.

### DEPEND ON SIERRA WIRELESS

Sierra Wireless has specialized in wireless technologies for more than 17 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.

\* For more information on Sierra Wireless AirCard Watcher™, see our website.



### KEY BENEFITS:

- Connect to the fastest networks available at speeds of up to 42 Mbps
- Sleek, innovative design with durability for life on the road
- Proven reliability and performance from Sierra Wireless
- Supports Windows® 7 and Mac OS native WWAN Manager
- Plug-and-play installation, single click connection
- Store and share more with built-in microSD slot



AirCard®

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## Technical Specifications

### TECHNOLOGY

- USB Device (USB Port)
- Chipset – Qualcomm MDM 8220
- HSDPA Category 24 (42 Mbps downlink)
- HSUPA Category 6 (5.76 Mbps uplink)
- EDGE MS Class 12/GPRS MS Class 10
- WCDMA advanced receiver on all UMTS bands
- microSD™ / SDHC support (up to 32 GB)

### BANDS

- Tri-band UMTS WCDMA 850/1900/2100 MHz
- Quad-Band GSM/GPRS/EDGE: 850/900/1800/1900 MHz

### ANTENNA DIVERSITY SUPPORT

- Type 3i advanced receivers on 850/1900/2100 MHz bands

### ENVIRONMENTAL

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

### STANDARDS/APPROVALS (PENDING)

- A-tick, Microsoft WHQL
- Other carrier specific approvals

### DIMENSIONS

- 50 mm (L) x 64 mm (W) x 9.5 mm (H)
- Volume: 34cc
- Weight: 55g

### PERSONAL COMPUTER REQUIREMENTS

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

### OS SUPPORT (DRIVERS AND SDK)

- Windows® 7, Vista®, or XP (32 and 64bit)
- 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 AirCard Watcher™
- Sierra Wireless AirCard Automatic Software Installation
- Sierra Wireless AirCard Updates
- Sierra Wireless AirCard Enterprise Watcher
- Sierra Wireless AirCard Enterprise Support Tools

### PACKAGE CONTENTS

- Sierra Wireless AirCard® 312U USB Mobile Broadband Modem
- USB Extension Cable
- Laptop Display Clip
- Quick Start Guide



Technical specifications subject to change

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