

Novatel Wireless U727

Novatel Wireless Ovation U727 USB Modem User Manual

Model: U727

1. INTRODUCTION

This manual provides instructions for the proper setup, operation, and maintenance of your Novatel Wireless Ovation U727 USB Modem. The U727 is designed to provide high-speed mobile broadband access via Sprint's EV-DO network, offering connectivity for various computing devices equipped with a USB slot.

2. PRODUCT OVERVIEW

The Novatel Ovation U727 is a compact USB modem that facilitates wireless internet access. It features an integrated dual-band diversity antenna system with a flip-up antenna to optimize signal reception and data speed. The device also includes a MicroSD slot for optional memory expansion.



Figure 2.1: Novatel Ovation U727 USB Modem with protective cap in place, showing the Sprint Novatel Wireless Ovation U727 branding.



Figure 2.2: Novatel Ovation U727 USB Modem with its integrated flip-up antenna extended, designed to enhance signal reception.



Figure 2.3: Side view of the Novatel Ovation U727 USB Modem, illustrating the USB connector and the MicroSD card slot for expandable storage.

3. SETUP AND INSTALLATION

1. **Account Activation:** Before using the modem, ensure it has been activated on a Sprint account. Contact Sprint customer service or visit a Sprint retail location for activation.
2. **Software Installation:**
The U727 modem features Sprint's SmartView automatic installation software. Upon first insertion into a compatible computer, the software will typically launch automatically. Follow the on-screen prompts to complete the installation.
 - **Windows Users:** Compatible with Windows 2000, XP, and Vista.
 - **Mac Users:** Compatible with Mac OS X 10.3.9 or higher.
3. **Insert Modem:** Carefully insert the Novatel Ovation U727 USB Modem into an available Type A USB port on your desktop, notebook, tablet PC, or PDA.

4. OPERATING INSTRUCTIONS

4.1 Connecting to the Internet

1. Ensure the modem is securely inserted into your computer's USB port.
2. Launch the Sprint SmartView software (if it doesn't open automatically).

3. Within the SmartView application, select the option to connect to the Sprint mobile broadband network. The modem will establish a connection, and an indicator light on the device (if present) will typically show connection status.

4.2 Using the MicroSD Slot

The U727 modem includes a MicroSD slot, allowing for expandable storage up to 4 GB using optional memory cards. This feature can be used for storing files, documents, or other data.

1. Locate the MicroSD slot on the side of the modem (refer to Figure 2.3).
2. Gently insert a compatible MicroSD card into the slot until it clicks into place.
3. Your computer should recognize the MicroSD card as a removable storage device. You can then access and manage files as you would with any other external drive.
4. To remove the MicroSD card, gently push it inward until it springs out, then pull it from the slot.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the modem. Avoid using liquid cleaners or solvents, as these can damage the device.
- **Storage:** When not in use, store the modem in a cool, dry place, away from direct sunlight and extreme temperatures. Keep the protective cap on the USB connector to prevent dust and damage.
- **Handling:** Handle the modem with care. Avoid dropping it or subjecting it to strong impacts.

6. TROUBLESHOOTING

6.1 No Connection

- **Check Modem Insertion:** Ensure the modem is fully and securely inserted into the USB port.
- **Verify Software:** Confirm that the Sprint SmartView software is installed and running. Try restarting the application.
- **Signal Strength:** Check the signal indicator within the SmartView software. If the signal is weak or absent, try relocating to an area with better Sprint network coverage.
- **Account Status:** Ensure your Sprint account is active and in good standing.
- **Restart Computer:** Sometimes, a simple computer restart can resolve connectivity issues.

6.2 Slow Connection Speed

- **Network Coverage:** Connection speeds are dependent on network coverage. Ensure you are in an EV-DO Rev. A coverage area for optimal performance.
- **Antenna Position:** Ensure the flip-up antenna is extended for best signal reception.
- **Background Applications:** Close any unnecessary applications or downloads that might be consuming bandwidth.

6.3 MicroSD Card Not Recognized

- **Reinsert Card:** Remove and reinsert the MicroSD card to ensure it is properly seated.
- **Check Compatibility:** Ensure the MicroSD card is compatible and not damaged.
- **Try Another Card/Port:** If possible, test with a different MicroSD card or in another USB port.

7. SPECIFICATIONS

Feature	Detail
Model Number	U727
Brand	Novatel Wireless
Connectivity Technology	USB
Internet Service Provider	Sprint
Network Compatibility	EV-DO Rev. A
Average Download Speeds	600 kbps to 1.4 Mbps (Rev. A coverage)
Average Upload Speeds	350 to 500 kbps (Rev. A coverage)
Dimensions (H x W x D)	2.76 x 0.98 x 0.47 inches
Weight	1.13 ounces
MicroSD Support	Up to 4 GB (optional memory cards)
OS Compatibility	Windows 2000, XP, Vista; Mac OS X 10.3.9 or higher
Antenna	Integrated dual-band diversity with flip-up design
Additional Features	2-way text messaging capable, VPN compatible, NDIS driver support

8. WARRANTY AND SUPPORT

Specific warranty information for the Novatel Wireless Ovation U727 USB Modem is not provided within this document. For details regarding warranty coverage, technical support, or service, please contact your service provider (Sprint) or refer to the official Novatel Wireless website.