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› Dell TrueMobile 350 Bluetooth Wireless Card User Manual

Dell TrueMobile 350

Dell TrueMobile 350 Bluetooth Wireless Card User Manual

Model: TrueMobile 350 (Part Numbers: RD530, W9242, X5166, UG748)

1. INTRODUCTION

This manual provides instructions for the installation, setup, and operation of the Dell TrueMobile 350 Bluetooth Wireless Card. This internal module enables Bluetooth connectivity for compatible Dell laptops, allowing communication with various Bluetooth-enabled devices.

2. PRODUCT FEATURES

- **Bluetooth 2.0 with Enhanced Data Rate (EDR):** Supports speeds up to 3 Mbps for faster data transfer.
- **Backward Compatibility:** Fully compatible with Bluetooth 1.1 and 1.2 devices.
- **Low Power Consumption:** Designed for efficient power usage, contributing to longer laptop battery life.
- **Versatile Connectivity:** Connects to a wide range of Bluetooth peripherals including keyboards, mice, cell phones, headsets, printers, digital cameras, and PDAs.
- **Network Access:** Enables connection to the internet or corporate networks via a Bluetooth-enabled cell phone and dial-up networking.
- **Data Encryption:** Features 128-bit data encryption for secure communication.

3. COMPATIBILITY

The Dell TrueMobile 350 Bluetooth Wireless Card is designed for specific Dell laptop models. Verify your laptop's compatibility before installation.

Compatible Dell Laptop Series:

- **Inspiron Series:** 300m, 600m, 6000, 6000D, 8500, 8600, 9100, 9200, 9300, XPS, XPS Gen 2
- **Latitude Series:** D400, D410, D505, D610, D800, D810, X1, X300
- **Precision Series:** M20, M70

Note: This list may not be exhaustive. Always consult your laptop's service manual or Dell's official support website for definitive compatibility information.

4. INSTALLATION INSTRUCTIONS

The Dell TrueMobile 350 is an internal wireless card. Installation requires opening your laptop. If you are not comfortable performing hardware installations, it is recommended to seek assistance from a qualified technician.

General Installation Steps:

1. **Power Off and Disconnect:** Completely shut down your laptop and disconnect it from all power sources, including removing the battery.
2. **Consult Service Manual:** Refer to your specific Dell laptop model's service manual for detailed instructions on how to safely open the chassis and locate the internal wireless card slot. The location of the Bluetooth module may vary by model.
3. **Install the Card:** Carefully insert the Dell TrueMobile 350 Bluetooth Wireless Card into the designated slot. Ensure it is seated firmly.
4. **Reassemble Laptop:** Close the laptop chassis according to your service manual's instructions.
5. **Power On:** Reinsert the battery and connect the power adapter. Power on your laptop.
6. **Driver Installation:** Once the operating system loads, it may automatically detect and install the necessary drivers. If not, proceed to the driver installation section below.



Image: Dell TrueMobile 350 Bluetooth Wireless Card. This image shows the compact form factor of the internal Bluetooth module.

Driver Installation:

After physical installation, your operating system may require specific drivers to enable the Bluetooth functionality. For optimal performance and compatibility, it is recommended to download drivers directly from the official Dell Support website for your specific laptop model and operating system.

- Visit [Dell's official support website](#).
- Enter your laptop's Service Tag or search for your model.
- Navigate to the 'Drivers & Downloads' section.
- Look for Bluetooth drivers or wireless communication drivers compatible with the TrueMobile 350 and your operating system (e.g., Windows XP, Windows 7, Windows 8.1, Windows 10).
- Download and install the appropriate driver package. Follow the on-screen instructions.
- Restart your laptop after driver installation if prompted.

Note: Some operating systems, particularly older versions or specific Linux distributions, may automatically install generic

drivers. However, for full functionality and stability, Dell-specific drivers are preferred. For Windows 8.1/10, if issues persist, you may need to search for a compatible Bluetooth stack (e.g., Toshiba Bluetooth Stack) if Dell drivers are unavailable or problematic.

5. SETUP AND PAIRING BLUETOOTH DEVICES

Once the drivers are installed and the Bluetooth module is recognized, you can begin pairing devices.

1. **Enable Bluetooth:** Ensure Bluetooth is enabled on your laptop. This is usually done through the operating system's settings (e.g., Windows Settings > Devices > Bluetooth & other devices).
2. **Make Device Discoverable:** Put the Bluetooth device you wish to pair (e.g., headphones, mouse, phone) into pairing mode. Refer to the device's manual for specific instructions.
3. **Scan for Devices:** On your laptop, open the Bluetooth settings and click 'Add Bluetooth or other device' or 'Scan for devices'.
4. **Select and Pair:** Select your device from the list of discovered devices. You may be prompted to enter a PIN or confirm a pairing code.
5. **Confirm Connection:** Once paired, the device should appear as 'Connected' in your Bluetooth settings.

6. OPERATING THE BLUETOOTH WIRELESS CARD

The Dell TrueMobile 350 allows for various Bluetooth operations:

- **File Transfer:** Send and receive files between your laptop and other Bluetooth-enabled devices (e.g., smartphones, tablets).
- **Peripheral Connectivity:** Use Bluetooth keyboards, mice, and other input devices wirelessly.
- **Audio Streaming:** Connect to Bluetooth headphones, speakers, or headsets for wireless audio.
- **Network Access:** Utilize a Bluetooth-enabled mobile phone to connect your laptop to the internet (requires a data plan and phone support for dial-up networking or personal hotspot).
- **Printing:** Connect to Bluetooth-enabled printers for wireless printing.

7. MAINTENANCE

As an internal component, the Dell TrueMobile 350 Bluetooth Wireless Card requires minimal maintenance. Ensure your laptop's cooling system is functioning correctly to prevent overheating, which can affect all internal components.

- **Software Updates:** Regularly check Dell's support website for updated Bluetooth drivers or firmware to ensure optimal performance and security.
- **System Hygiene:** Keep your operating system updated and free from malware, which can interfere with hardware functionality.

8. TROUBLESHOOTING

If you encounter issues with your Dell TrueMobile 350 Bluetooth Wireless Card, consider the following troubleshooting steps:

- **Bluetooth Not Detected:**
 - Verify the card is correctly seated in its slot.
 - Ensure Bluetooth is enabled in your laptop's BIOS/UEFI settings (if applicable).

- Check Device Manager (Windows) for any unknown devices or errors related to Bluetooth.

- **Driver Issues:**

- Reinstall drivers from Dell's official support website.
- For older operating systems or specific compatibility challenges (e.g., Windows 8.1/10), you might need to experiment with different driver versions or a generic Bluetooth stack if Dell's specific drivers are not functioning correctly.
- Ensure you have the correct driver for your operating system version (32-bit vs. 64-bit).

- **Cannot Pair Devices:**

- Ensure the device you are trying to pair is in pairing mode and within range (typically 7 meters or 23 feet).
- Remove previous pairings of the device from both the laptop and the Bluetooth peripheral, then attempt to pair again.
- Restart both your laptop and the Bluetooth device.

- **Intermittent Connection/Poor Performance:**

- Reduce interference by moving away from other wireless devices (Wi-Fi routers, cordless phones) or large metal objects.
- Ensure your laptop's operating system and Bluetooth drivers are up to date.
- Check the battery level of the connected Bluetooth device.

9. SPECIFICATIONS

Wireless PAN Standard	Dell Bluetooth 2.0 compliant with Enhanced Data Rate (EDR)
Backward Compatibility	Bluetooth 1.1 and 1.2
Frequency Band	2.4GHz ISM
Range	Up to 7 meters (23 feet)
Data Transfer Rate	Up to 3 Megabits Per Second (Mbps)
Data Encryption	128-bit
Receive Sensitivity	-80dBm
Supported Bluetooth Profiles	File transfer, network client access, mice/keyboards (HID), audio, printing, object push (OBEX) for vCard/vCal transfer
Manufacturer Part Numbers	RD530, W9242, X5166, UG748, T5152

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to your original purchase documentation or visit the official Dell Support website. Dell provides resources including drivers, diagnostics, and customer service contacts.

Dell Support Website: www.dell.com/support

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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