AWIN TG5-DS6-VX1775

ALFA ALFANEXT USB Wireless-N Adapter User Manual

Model: TG5-DS6-VX1775

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ALFA ALFANEXT USB Wireless-N Adapter. This compact device is designed to provide wireless network connectivity to your desktop computer, laptop, or tablet, supporting 802.11n standards for efficient data transfer.

2. Package Contents

- ALFA ALFANEXT USB Wireless-N Adapter (UW06)
- Quick Installation Guide
- Drivers CD

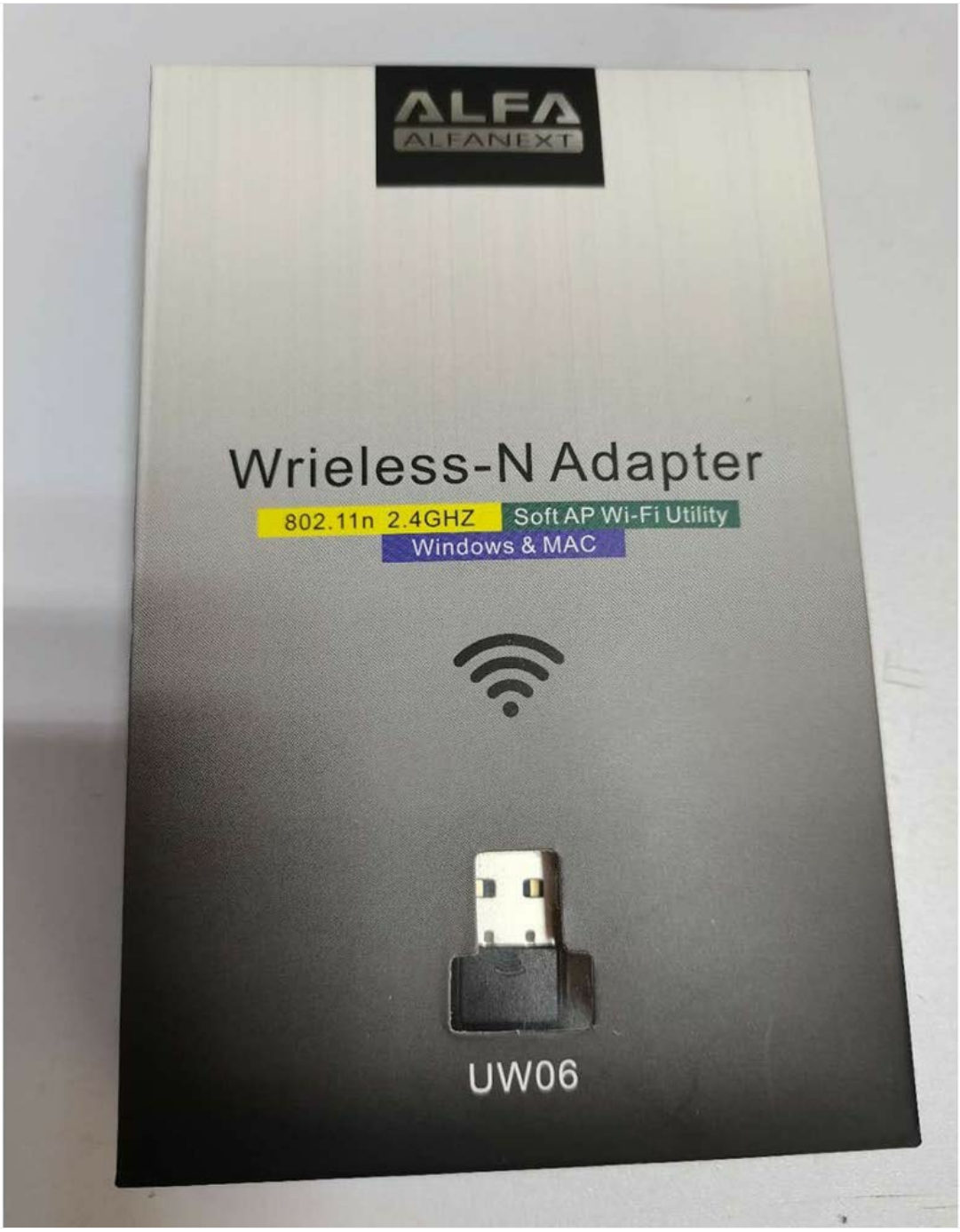


Figure 2.1: The retail packaging of the ALFA ALFANEXT USB Wireless-N Adapter, showing the product name and key features.



Figure 2.2: The ALFA ALFANEXT USB Wireless-N Adapter removed from its packaging, alongside the box and plastic tray.

3. Specifications

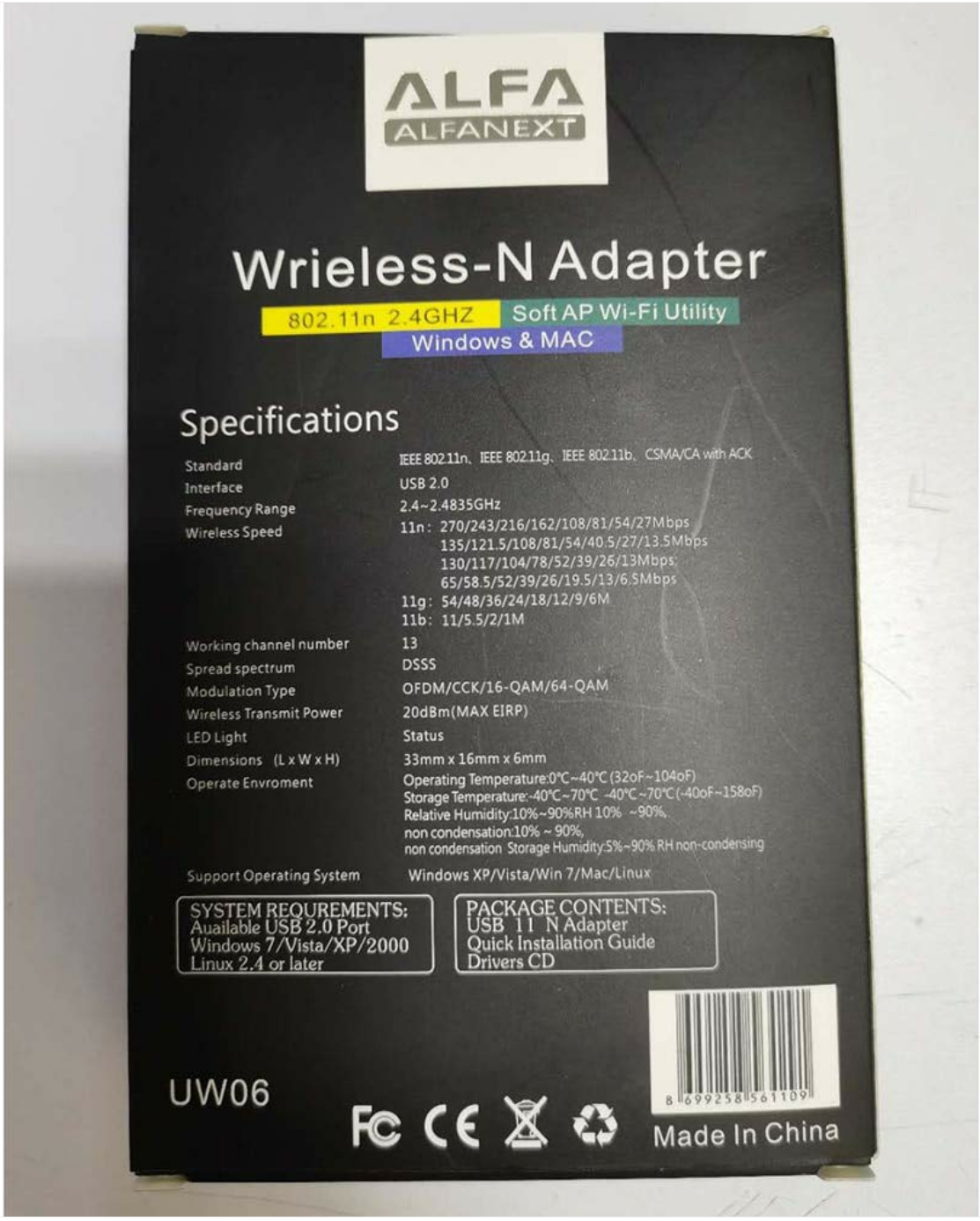


Figure 3.1: Rear view of the product packaging, detailing technical specifications and system requirements.

Feature	Description
Standard	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, CSMA/CA with ACK
Interface	USB 2.0
Frequency Range	2.4 - 2.4835GHz
Wireless Speed (11n)	270/243/216/162/108/81/54/27Mbps
Wireless Speed (11g)	54/48/36/24/18/12/9/6M
Wireless Speed (11b)	11/5.5/2/1M
Working Channel Number	13

Feature	Description
Spread Spectrum	DSSS
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Wireless Transmit Power	20dBm (MAX EIRP)
LED Lights	Status
Dimensions (L x W x H)	33mm x 16mm x 6mm
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Relative Humidity	10% ~ 90% RH non-condensing
Storage Humidity	5% ~ 90% RH non-condensing

4. System Requirements

To ensure proper functionality, your computer must meet the following minimum requirements:

- Available USB 2.0 Port
- Operating System: Windows XP / Vista / 7 / 8 / 10 / 11, Mac OS X, or Linux 2.4.x or later.

5. Setup and Installation

Follow these steps to install your ALFA ALFANEXT USB Wireless-N Adapter:

1. **Do not insert the adapter yet.** First, insert the provided Drivers CD into your computer's CD-ROM drive.
2. Follow the on-screen instructions to install the necessary drivers and utility software. If an auto-run window does not appear, navigate to the CD drive in "My Computer" or "This PC" and run the setup file (e.g., "setup.exe" or "install.exe").
3. Once the driver installation is complete, you may be prompted to restart your computer. Please do so if requested.
4. After your computer has restarted (or if no restart was required), carefully insert the ALFA ALFANEXT USB Wireless-N Adapter into an available USB 2.0 port on your computer.
5. The operating system should automatically detect the new hardware and complete the installation. A notification may appear indicating that the device is ready for use.



Figure 5.1: The compact ALFA ALFANEXT USB Wireless-N Adapter, ready for insertion into a USB port.

6. Operating Instructions

Once the adapter is installed, you can connect to a wireless network:

1. Locate the wireless network icon in your system tray (usually in the bottom-right corner of the screen for Windows, or top-right for Mac).
2. Click on the icon to view available wireless networks.
3. Select your desired Wi-Fi network from the list.
4. If the network is secured, enter the network security key (password) when prompted.
5. Click "Connect" or "Join". Your computer should now be connected to the wireless network.
6. The LED indicator on the adapter will typically blink or illuminate steadily to indicate network activity or connection status.

Using Soft AP Wi-Fi Utility: The adapter supports Soft AP mode, allowing your computer to act as a Wi-Fi hotspot. Refer

to the included utility software's help documentation for detailed instructions on configuring Soft AP mode.

7. Maintenance

To ensure the longevity and optimal performance of your adapter:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or repair the adapter yourself. This will void any potential warranty.
- Store the adapter in a safe place when not in use to prevent physical damage.

8. Troubleshooting

If you encounter issues with your ALFA ALFANEXT USB Wireless-N Adapter, try the following solutions:

- **Adapter not detected:**
  - Ensure the adapter is fully inserted into a USB port.
  - Try a different USB port on your computer.
  - Restart your computer.
  - Reinstall the drivers from the provided CD or download the latest drivers from the manufacturer's website.
- **Cannot connect to Wi-Fi network:**
  - Verify that the Wi-Fi network is active and within range.
  - Double-check the Wi-Fi password (security key). Passwords are case-sensitive.
  - Restart your wireless router/modem.
  - Ensure that wireless functionality is enabled on your computer (e.g., Wi-Fi switch or function key).
- **Slow connection speed:**
  - Ensure your computer is close enough to the wireless router. Obstacles like walls can degrade signal quality.
  - Check for interference from other electronic devices (e.g., cordless phones, microwaves).
  - Update the adapter drivers to the latest version.
  - Verify that your router is configured for 802.11n if you expect N-speeds.

9. Warranty and Support

Specific warranty information for this product is not provided in the available documentation. For warranty claims or technical support, please refer to the contact information provided by your retailer or the manufacturer's official website. Keep your purchase receipt as proof of purchase.

Ask a question about this manual

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