

## KuWiFi AC1200

# KuWiFi AC1200 Dual Band Wireless USB Adapter User Manual

Model: AC1200

## 1. INTRODUCTION

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The KuWiFi AC1200 Dual Band Wireless USB Adapter provides high-speed Wi-Fi connectivity for your desktop or laptop PC. This adapter supports both 2.4GHz and 5GHz frequency bands, offering flexible and reliable wireless performance. Its compact design ensures portability and ease of use.

# Enjoy High Speed WiFi

## 2.4G+5G dual band



5 GHz 867 Mbps



2.4GHz 300 Mbps



Image 1.1: The KuWiFi AC1200 adapter highlighting its dual-band capabilities with speeds of 867Mbps on 5GHz and 300Mbps on 2.4GHz.

## 2. PRODUCT FEATURES

- **Dual Band Connectivity:** Supports 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) for a combined speed of up to 1200Mbps.
- **High-Speed Performance:** Ideal for online gaming, HD video streaming, and large file transfers.
- **Wide Compatibility:** Compatible with Windows 10 (32/64bit), Windows 8, and Windows 7 operating systems.
- **Driver-Free Installation:** Plug-and-play functionality for Windows 10 (32/64bit) systems.
- **Advanced Security:** Supports WEP, WPA-PSK, WPA2-PSK, and WPA/WPA2 64/128bit encryption protocols.
- **Mini & Portable Design:** Compact size for easy carrying and convenient use.
- **AP Mode Support:** Can function as a Wi-Fi hotspot (SimulationAP).

# Mini & portable

## Dual Band 1200M

USB 2.0

SimulationAP



Image 2.1: Key features of the KuWiFi AC1200 adapter, including its compact size and AP mode capability.



Image 2.2: The adapter's mini size, making it highly portable.

### 3. SYSTEM REQUIREMENTS

- Operating System: Windows 10 (32/64bit), Windows 8, Windows 7
- Available USB Port (USB 2.0 or higher recommended)

- CD-ROM drive (for driver installation on Windows 7/8, not required for Windows 10)



Image 3.1: Operating system compatibility and driver-free support for Windows 10.

## 4. PACKAGE CONTENTS

- 1 x KuWiFi AC1200 Dual Band Wireless USB Adapter
- 1 x Driver CD (for Windows 7/8)

## 5. INSTALLATION GUIDE

### Step 1: Insert the USB Adapter

Carefully insert the KuWiFi AC1200 Wireless USB Adapter into an available USB port on your desktop or laptop computer.



Image 5.1: Inserting the USB adapter into a computer's USB port.

## Step 2: Driver Installation

**For Windows 10 (32/64bit):** The adapter is designed for plug-and-play functionality. The system should automatically detect and install the necessary drivers. If not, proceed with the CD driver installation steps.

### **For Windows 7/8:**

1. Insert the provided Driver CD into your computer's CD-ROM drive.
2. Open 'My Computer' or 'This PC'.
3. Double-click on the CD Driver icon to open it.
4. Locate and double-click the setup or install file.
5. Follow the on-screen instructions to complete the driver installation.

# Use Guide

Plug–Double Clic "My Computer"–Double Click CD Driver–Click Install



Image 5.2: Visual guide for installing drivers from the CD.

## Step 3: Connect to a Wi-Fi Network

Once the drivers are installed, your computer will detect available Wi-Fi networks. Select your desired network and enter the password to connect.

## 6. OPERATING INSTRUCTIONS

### Dual Band Operation

The KuWiFi AC1200 adapter supports both 2.4GHz and 5GHz Wi-Fi bands. You can choose the band that best suits your needs:

- **2.4GHz Band:** Offers wider coverage and better penetration through walls, suitable for general internet browsing and tasks that do not require very high speeds.
- **5GHz Band:** Provides faster speeds and less interference, ideal for online gaming, HD video streaming, and large file downloads. This band typically has a shorter range.

Your computer's Wi-Fi settings will display available networks. Networks operating on the 5GHz band often have '5G' or '5GHz' in their name (e.g., 'MyWiFi\_5G'). Select the appropriate network based on your requirements.

## AP Mode (Soft AP)

The adapter can function as a Wi-Fi hotspot (Soft AP) if your computer has an internet connection via Ethernet. This allows other devices to connect to your computer's internet through the adapter. Refer to your operating system's network settings for instructions on enabling mobile hotspot or Soft AP functionality.

## 7. MAINTENANCE

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- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Do not shake or plug/unplug the adapter excessively to prevent damage to the USB port or the adapter itself.
- Store the adapter in a safe place when not in use.

## 8. TROUBLESHOOTING

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### No Wi-Fi Networks Detected

- Ensure the adapter is securely plugged into a USB port.
- Verify that the drivers are correctly installed. Check Device Manager (Windows) for any yellow exclamation marks next to the network adapter.
- Restart your computer.
- Try plugging the adapter into a different USB port.

### Slow Connection Speed

- Ensure you are connected to the 5GHz band if your router supports it and you are within range.
- Reduce the distance between your computer and the Wi-Fi router.
- Minimize obstacles (walls, large metal objects) between the adapter and the router.
- Check for other devices causing interference (e.g., microwaves, cordless phones).
- Update your router's firmware.

### Connection Drops Frequently

- Ensure the adapter is not loose in the USB port.
- Check for driver updates from the manufacturer's website if available.
- Adjust the position of your computer or router to improve signal strength.
- Disable power-saving features for the USB port or network adapter in your computer's settings.

## 9. SPECIFICATIONS

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|                           |  |
|---------------------------|--|
| <b>Model</b>              | AC1200   |
| <b>Hardware Interface</b> | USB  |
| <b>Data Transfer Rate</b> | Up to 1200 Mbps (867 Mbps on 5GHz, 300 Mbps on 2.4GHz) |
| <b>Frequency Bands</b>    | 2.4GHz, 5GHz   |

|                           |   |
|---------------------------|---|
| <b>Compatible Devices</b> | Desktop, Laptop                             |
| <b>Operating Systems</b>  | Windows 10 (32/64bit), Windows 8, Windows 7 |
| <b>Encryption Support</b> | WEP, WPA-PSK, WPA2-PSK, WPA/WPA2 64/128bit  |
| <b>Item Weight</b>        | 0.634 ounces (approx. 18 grams)             |
| <b>Package Dimensions</b> | 3.78 x 3.35 x 0.47 inches                   |