

DWS AC600

DWS AC600 USB WiFi Adapter Instruction Manual

Model: AC600 | Brand: DWS

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your DWS AC600 USB WiFi Adapter. This device enables your computer to connect to wireless networks using the 802.11ac/n standards, supporting both 2.4GHz and 5GHz frequency bands for enhanced wireless performance.

2. PACKAGE CONTENTS

- DWS AC600 USB WiFi Adapter
- Driver Mini-CD



Image: The DWS AC600 USB WiFi Adapter shown alongside its accompanying driver mini-CD.

3. PRODUCT OVERVIEW

The DWS AC600 USB WiFi Adapter is a compact device designed to provide wireless network connectivity to desktop and laptop computers. It features a standard USB-A connector for easy integration.



Image: A close-up view of the DWS AC600 USB WiFi Adapter, highlighting its compact design and 'WiFi AC' branding.

Dimensions



Image: Technical drawing illustrating the dimensions of the DWS AC600 USB WiFi Adapter: 29mm (length), 15mm (width), and 7mm (height).

4. SETUP INSTRUCTIONS

Step 1: Driver Installation

Important: Install the drivers **before** plugging the USB WiFi adapter into your computer.

1. **Using the Driver Mini-CD:** Insert the provided mini-CD into your computer's CD-ROM drive. Follow the on-screen instructions to install the appropriate drivers for your operating system (Windows, Mac, or Linux).
2. **Downloading Drivers (if no CD-ROM drive):** If your computer lacks a CD-ROM drive, download the necessary drivers from the following link: <https://drive.google.com/drive/folders/1bJffhjzn0e0AqPeZ-bELGjGNLovKSqs>. Select the correct driver package for your operating system (Mac, Linux, or Windows) and follow the installation instructions.

Step 2: Connect the Adapter

Once the drivers are successfully installed, plug the DWS AC600 USB WiFi Adapter into an available USB

port on your desktop or laptop computer.

Step 3: Connect to a Wi-Fi Network

After connecting the adapter, your computer should detect it as a wireless network device. You can now connect to a Wi-Fi network:

- **Windows:** Click the network icon in the system tray, select your desired Wi-Fi network, enter the password, and click 'Connect'.
- **Mac:** Click the Wi-Fi icon in the menu bar, select your desired Wi-Fi network, enter the password, and click 'Join'.
- **Linux:** The process may vary depending on your distribution and desktop environment. Generally, access network settings, select your Wi-Fi network, and provide the password.

5. OPERATING INSTRUCTIONS

The DWS AC600 USB WiFi Adapter supports dual-band operation (2.4GHz and 5GHz). Your computer will automatically detect available networks on both bands. You can choose which band to connect to based on your router's capabilities and network conditions:

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

Select the network name (SSID) corresponding to your preferred band (e.g., "MyWiFi_2.4G" or "MyWiFi_5G") from the list of available networks.



Image: A visual representation comparing data transfer rates and characteristics of 2.4GHz and 5GHz wireless bands, illustrating the speed advantages of 5GHz.

6. MAINTENANCE

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself. This may void the warranty.
- Periodically check the driver download link provided in the setup section for updated drivers to ensure optimal performance and compatibility.

7. TROUBLESHOOTING

Adapter Not Detected

- Ensure the adapter is firmly plugged into a working USB port.
- Verify that the drivers have been installed correctly. Reinstall drivers if necessary.
- Try a different USB port on your computer.
- Restart your computer after driver installation.

Cannot Connect to Wi-Fi Network

- Confirm that your Wi-Fi router is powered on and broadcasting a signal.
- Double-check the Wi-Fi password. Passwords are case-sensitive.
- Ensure your computer is within range of the Wi-Fi network.
- Restart your router and try connecting again.

Slow Connection Speeds

- Ensure you are connected to the 5GHz band if your router supports it and you are in close proximity.
- Reduce interference by moving the adapter or computer away from other electronic devices (e.g., microwaves, cordless phones).
- Update your router's firmware.
- Check for updated drivers for the USB WiFi adapter.

8. SPECIFICATIONS

Brand	DWS
Model	AC600
Hardware Interface	USB
Color	Black
Compatible Devices	Desktop, Laptop
Product Dimensions (L x W x H)	0.59" x 0.27" x 1.14" (15mm x 7mm x 29mm)
Data Link Protocol	IEEE 802.11ac, 802.11n
Data Transfer Rate	Up to 600 Megabits Per Second
Item Weight	3 Grams

Compatible Operating Systems	Windows 10, Mac OS 10.12 Sierra and above, Ubuntu 16.04 Xenial Xerus and above
Manufacturer	RealTek

9. WARRANTY AND SUPPORT

Warranty

This DWS AC600 USB WiFi Adapter comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Support

For technical assistance or further inquiries, please refer to the manufacturer's support resources or contact your retailer. Ensure you have your product model and purchase details available when seeking support.