

[Manuals.plus](#) /

› [QGOO](#) /

› QGOO AC1300 USB Wi-Fi Adapter User Manual

QGOO AC1300 (6B12-1300)

QGOO AC1300 USB Wi-Fi Adapter User Manual

Model: AC1300 (6B12-1300)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your QGOO AC1300 USB Wi-Fi Adapter. This device is designed to provide high-speed wireless connectivity for your desktop PC or laptop, supporting both 2.4 GHz and 5 GHz bands for optimal performance.



Image 1.1: The QGOO AC1300 USB Wi-Fi Adapter, featuring a compact design with an adjustable external antenna, alongside a USB stick containing the necessary drivers.

2. PRODUCT FEATURES

- **Ultra-Fast AC1300 Speed:** Delivers up to 400 Mbps on the 2.4 GHz band and 867 Mbps on the 5 GHz band, ensuring smooth streaming and gaming.
- **Powerful External Antenna:** Equipped with a 5 dBi high-gain dual-band antenna to enhance signal reception and transmission, allowing for stable connections even in areas with weak signals.
- **USB 3.0 Interface:** Utilizes a USB 3.0 port for data transfer speeds up to 5 Gbps, providing maximum throughput and a more stable internet connection. It is backward compatible with USB 2.0 and 1.1 devices.
- **Soft AP Mode:** Capable of transforming a wired internet connection from your PC or laptop into a Wi-Fi hotspot, allowing other devices to connect wirelessly.
- **Broad Compatibility:** Supports Windows 11/10/8/8.1/7/Vista and Mac OS 10.9-10.15, working seamlessly with any Wi-Fi router.

Ultra fast 1300Mbps wifi adapter

802.11ac standard, up to 1300M
enjoy speed and passion

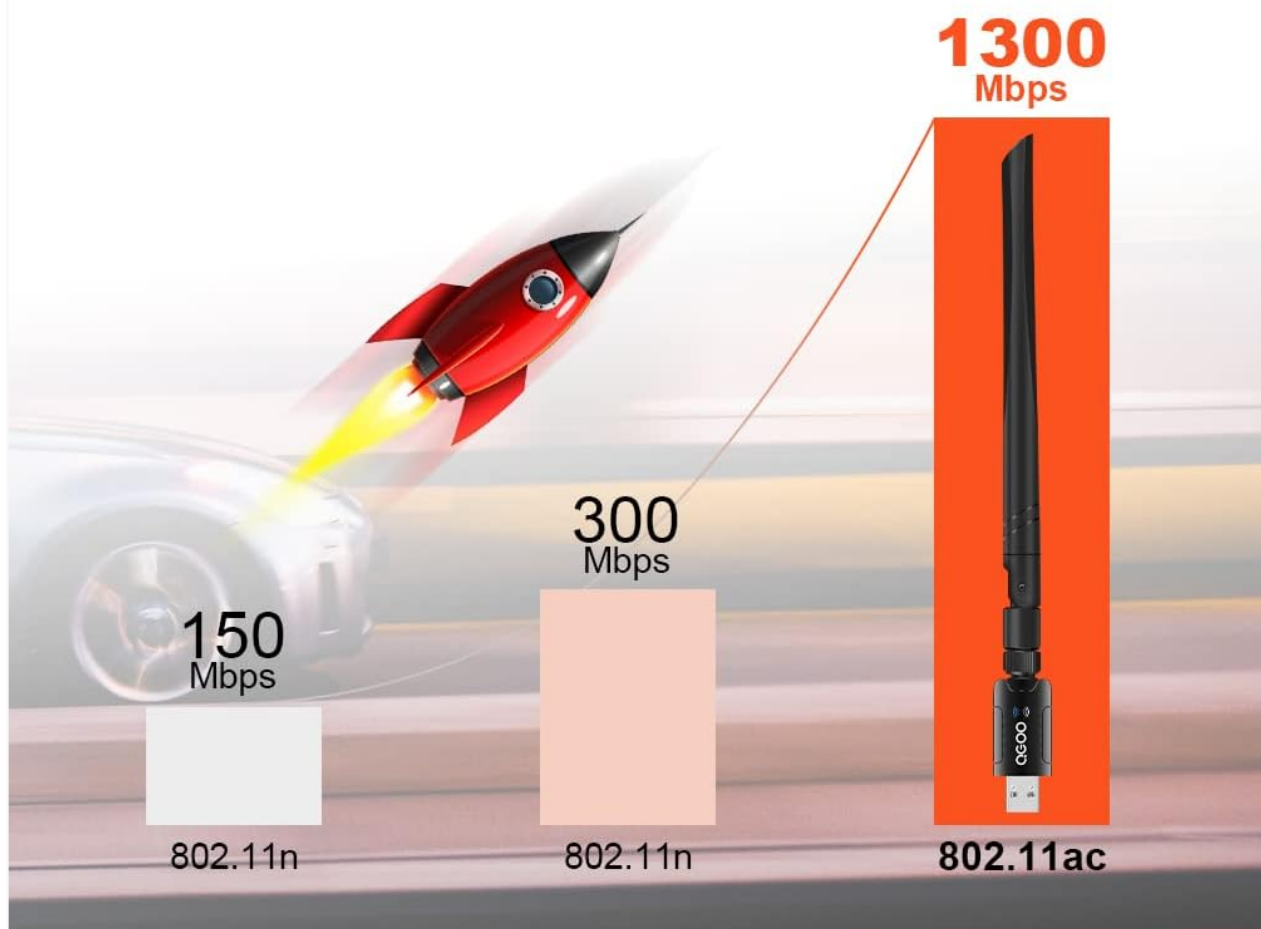


Image 2.1: Visual representation of the AC1300 adapter's ultra-fast 1300 Mbps speed compared to older 802.11n standards.

USB 3.0 is 10 times faster than 2.0

Suitable for computer USB interface



Image 2.2: Illustration highlighting the speed advantage of USB 3.0 connectivity for the Wi-Fi adapter when used with laptops and desktop computers.

3. SETUP GUIDE

Follow these steps to install your QGOO AC1300 USB Wi-Fi Adapter:

1. Driver Installation:

- For Windows 10/11 users, the adapter supports Plug & Play, and drivers may install automatically.
- For other operating systems (Windows 7/8/8.1/Vista, Mac OS 10.9-10.15), you will need to install the drivers manually.
- Insert the provided driver CD into your computer's CD-ROM drive and follow the on-screen instructions to install the driver.
- Alternatively, if your computer does not have a CD-ROM drive, you can download the latest drivers from the official QGOO support website. Ensure you download the correct driver for your operating system.

2. **Connect the Adapter:** Once the driver is installed, plug the QGOO AC1300 USB Wi-Fi Adapter into an available USB 3.0 port on your desktop PC or laptop. For optimal performance, use a USB 3.0 port if available.

3. **Verify Installation:** After connecting, your computer should detect the adapter. You can verify the installation by checking your network settings or Device Manager (Windows) / System Information (Mac OS).

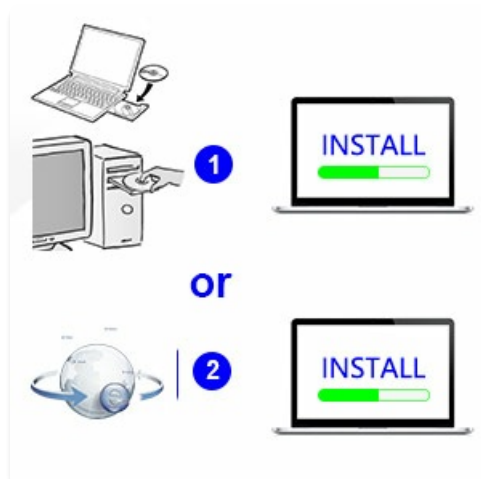


Image 3.1: Driver installation options: using the included CD or downloading from the internet.

4. OPERATING INSTRUCTIONS

The QGOO AC1300 USB Wi-Fi Adapter supports two primary operating modes:

4.1. Station Mode (Signal Receiver)

In Station Mode, the adapter acts as a receiver, allowing your computer to connect to an existing wireless network (e.g., your home Wi-Fi router). This is the most common mode of operation.

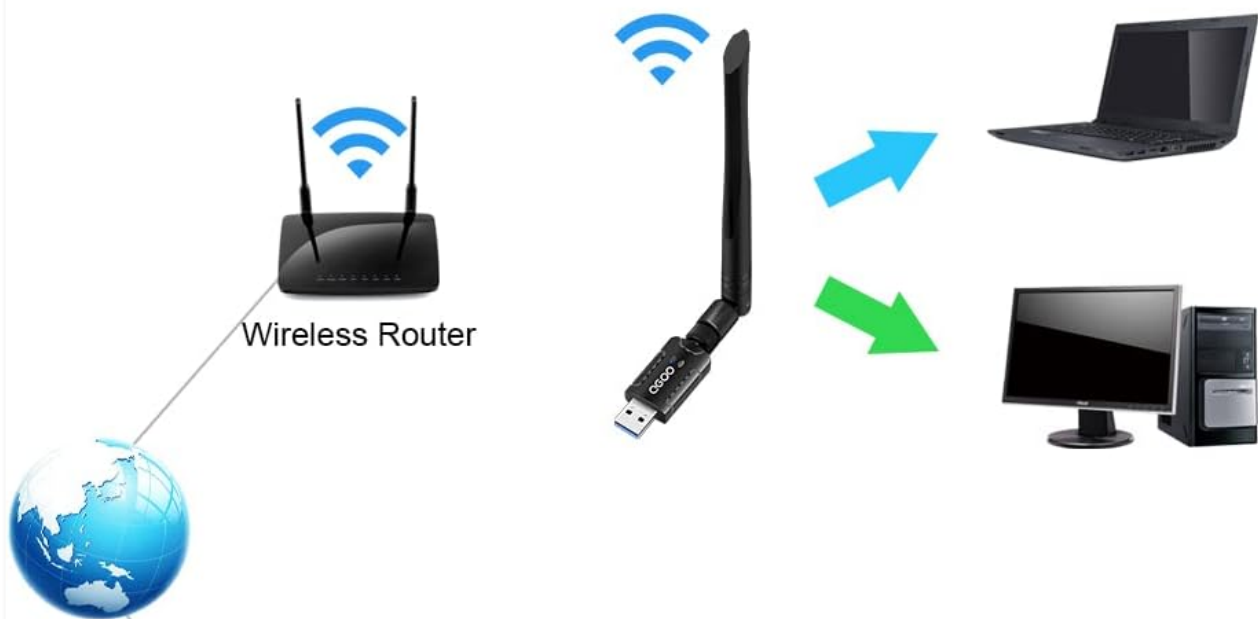
1. Ensure the adapter is plugged into your computer.
2. Open your computer's network settings (e.g., Wi-Fi settings in Windows or Network Preferences in Mac OS).
3. Select your desired Wi-Fi network from the list of available networks.
4. Enter the network password (if required) and click 'Connect'.
5. Once connected, you should have internet access.

4.2. AP Mode (Signal Transmitter)

In AP Mode (Access Point Mode), the adapter functions as a transmitter, creating a Wi-Fi hotspot from your computer's wired internet connection. This allows other wireless devices (smartphones, tablets, other laptops) to connect to your computer's internet.

1. Ensure your computer has a wired internet connection.
2. Open the utility software for the QGOO adapter (usually installed with the drivers).
3. Locate and enable the 'AP Mode' or 'Hotspot' function within the utility.
4. Configure the Wi-Fi hotspot name (SSID) and password as desired.
5. Other devices can now search for your newly created Wi-Fi network and connect using the password you set.

Station Mode (signal Receiver)



AP Mode (signal Transmitter)



Image 4.1: Visual explanation of Station Mode (receiving Wi-Fi) and AP Mode (transmitting Wi-Fi).

5. MAINTENANCE

To ensure the longevity and optimal performance of your QGOO AC1300 USB Wi-Fi Adapter, consider the following maintenance tips:

- **Keep Drivers Updated:** Periodically check the QGOO official website for the latest driver updates. Updated drivers can improve performance, stability, and compatibility.
- **Physical Care:** Keep the adapter clean and free from dust. Avoid exposing it to extreme temperatures, humidity, or direct sunlight.
- **Safe Removal:** Always safely eject the USB adapter from your computer before physically removing it to prevent data corruption or damage to the device.
- **Antenna Position:** Adjust the antenna for the best signal reception. The multi-directional rotation allows for flexible positioning.

6. TROUBLESHOOTING

If you encounter issues with your QGOO AC1300 USB Wi-Fi Adapter, try the following solutions:

- **No Wi-Fi Connection:**
 - Ensure the adapter is securely plugged into a USB port.
 - Verify that the drivers are correctly installed. Reinstall them if necessary.
 - Check if your Wi-Fi network is broadcasting and within range.
 - Restart your computer and your Wi-Fi router.
- **Slow Connection Speed:**
 - Ensure you are connected to the 5 GHz band if your router supports it, as it generally offers faster speeds.
 - Move closer to your Wi-Fi router or adjust the adapter's antenna for better signal strength.
 - Ensure you are using a USB 3.0 port for maximum speed.
 - Check for interference from other electronic devices.
- **Adapter Not Recognized:**
 - Try plugging the adapter into a different USB port.
 - Check Device Manager (Windows) or System Information (Mac OS) to see if the adapter is listed without errors.
 - Reinstall the drivers.
- **AP Mode Not Working:**
 - Ensure your computer has an active wired internet connection.
 - Verify that the AP Mode feature is enabled in the adapter's utility software.
 - Check your computer's firewall settings, as they might be blocking the hotspot.

7. SPECIFICATIONS

Feature	Description
Model	AC1300 (6B12-1300)
Brand	QGOO
Wireless Standard	802.11ac
Frequency Bands	2.4 GHz and 5 GHz (Dual Band)
Data Transfer Rate	Up to 1300 Mbps (400 Mbps on 2.4 GHz, 867 Mbps on 5 GHz)
Antenna Gain	5 dBi (High Gain)
Interface	USB 3.0 (Backward compatible with USB 2.0/1.1)
Operating Systems	Windows 11/10/8/8.1/7/Vista, Mac OS 10.9-10.15
Compatible Devices	PC, Laptop, Desktop

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official QGOO website. QGOO is committed to providing reliable products and customer assistance.