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> [ASUS WiFi Router \(RT-AC1900P\) - Dual Band Gigabit Wireless Internet Router, 5 GB Ports, Gaming & Streaming, AiMesh Compatible, Free Lifetime Internet Security, Parental Control equivalent to RT-AC68U](#)

## ASUS RT-AC1900P

# ASUS RT-AC1900P Dual Band Gigabit Wireless Internet Router User Manual

Model: RT-AC1900P | Brand: ASUS

Designed to deliver jaw-dropping network performance with up to 1900Mbps, the ASUS RT-AC1900P features ultra-wide coverage with AiMesh support, and AiProtection to blocks and neutralizes internet security threats for all your connected smart devices.

## 1. SETUP GUIDE

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This section provides instructions for setting up your ASUS RT-AC1900P router.

### 1.1. What's in the Box

- RT-AC1900P Wireless-AC1900 Dual Band Gigabit Router
- RJ-45 cable
- Power adapter
- Quick Start Guide (QSG)
- Support CD (user manual and utility)

### 1.2. Connecting Your Router

Follow these steps to connect your router for initial setup:

1. Connect your modem to the router's WAN port using the provided RJ-45 cable.
2. Connect your computer to one of the router's LAN ports using another RJ-45 cable.
3. Connect the power adapter to the router and plug it into a power outlet.
4. Power on your modem, then your router. Wait for the indicator lights to stabilize.



Figure 1: Front view of the ASUS RT-AC1900P router showing indicator lights.



Figure 2: Back view of the ASUS RT-AC1900P router showing WAN, LAN, and USB ports.

### 1.3. Quick Internet Setup

For a guided setup experience, refer to the official video:

Video: How to setup ASUS WiFi Router via Quick Internet Setup. This video demonstrates the step-by-step process of configuring your ASUS router for internet access using the Quick Internet Setup wizard.

## 2. OPERATING YOUR ROUTER

The ASUS RT-AC1900P offers advanced features for optimal network performance.

## 2.1. Dual-Band Wireless Connectivity

The router supports combined dual-band speeds of up to 1900Mbps, utilizing both 2.4GHz and 5GHz frequencies for flexible and high-speed connections.

## 2.2. AiMesh Compatibility

Connect your RT-AC1900P to other compatible ASUS routers to create a powerful and flexible whole-home Wi-Fi network, eliminating dead spots and providing seamless coverage.

## 2.3. AiProtection Security

Powered by Trend Micro, AiProtection blocks and neutralizes internet security threats for all your connected smart devices, ensuring a secure network environment.

## 2.4. Parental Control

Manage and monitor internet usage for connected devices with robust parental control features.

## 2.5. Accessing Router Settings

To configure advanced settings and manage your network, access the router's web interface:

Video: How to enter the ASUS Router Setting page. This video guides you through the process of logging into your ASUS router's web interface to access its configuration settings.

# 3. MAINTENANCE

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Regular maintenance ensures optimal performance and security for your router.

## 3.1. Firmware Updates

Keeping your router's firmware up to date is crucial for security and performance improvements. Refer to the following video for instructions:

Video: How to update the firmware of ASUS WiFi Router. This video provides a detailed guide on how to update your ASUS router's firmware to the latest version.

## 3.2. Restoring to Default Settings

If you encounter persistent issues or wish to reset all configurations, you can restore the router to its factory default settings:

Video: How to restore the ASUS router to default setting? This video demonstrates the steps to reset your ASUS router to its original factory settings.

# 4. TROUBLESHOOTING

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This section addresses common issues you might encounter with your ASUS RT-AC1900P router.

## 4.1. Fixing Internet Connection Problems

If your devices cannot access the internet through the router, follow these troubleshooting steps:

1. **Check LED Indicators:** Ensure all necessary LED lights (Power, Wi-Fi, Internet, LAN) are on and functioning correctly.
2. **Verify Cable Connections:** Make sure all RJ-45 cables are securely connected between the modem, router, and your devices.
3. **Confirm Internet Setup Information:** Access the router's web interface and verify that the WAN settings (e.g., PPPoE, Static IP, Automatic IP) are correctly configured according to your Internet Service Provider

(ISP).

4. **Update Firmware:** Ensure your router's firmware is up to date. (Refer to Section 3.1).

Video: [Troubleshooting] Fix Internet Connection on ASUS Router. This video provides solutions for common internet connection issues with ASUS routers.

## 4.2. Improving WiFi Signal

If you experience weak or unstable Wi-Fi signals, consider the following:

1. **Adjust Router Placement:** Shorten the distance between your router and wireless devices. Avoid placing the router near interferences or barriers like thick walls, metal objects, microwave ovens, or refrigerators.
2. **Adjust Antenna Direction:** For optimal signal strength, adjust the router's antennas as recommended in the user manual (typically 45-degree angles for side antennas and 90-degree for middle).
3. **Change Wireless Control Channel:** In the router's wireless settings, try manually changing the control channel to one with less interference.
4. **Update Device Drivers/Firmware:** Ensure the wireless device drivers or firmware (for laptops, smartphones, USB Wi-Fi adapters) are updated to their latest versions.

Video: How to improve WiFi signal. This video offers practical tips and steps to enhance your Wi-Fi signal strength and coverage.

## 5. SPECIFICATIONS

Feature	Detail
Wireless Type	802.11a
Number of USB 2.0 Ports	1
Brand	ASUS
Series	RT-AC1900P
Item model number	RT-AC1900P
Operating System	ASUSWRT or similar ASUS proprietary firmware
Item Weight	1.4 pounds
Product Dimensions	8.66 x 6.26 x 3.27 inches
Color	black
Voltage	100-240 Volts
Model Name	RT-AC1900P
Special Feature	WPS
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11a
Compatible Devices	Personal Computer
Recommended Uses For Product	Gaming
Connectivity Technology	wireless

## 6. WARRANTY AND SUPPORT

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### 6.1. Legal Disclaimer

**Disclaimer: Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.**

### 6.2. Product Support

For further assistance, please refer to the Support CD included with your product or visit the official ASUS support website.

The ASUS RT-AC1900P comes with free lifetime internet security, ensuring your network remains protected.