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› ASUS AX6100 WiFi 6 Gaming Mesh Router (RT-AX92U 2 Pack) User Manual

ASUS RT-AX92U 2 Pack

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Model: RT-AX92U 2 Pack | Brand: ASUS

1. SETUP GUIDE

1.1 What's in the Box

Ensure all components are present in your package:

- RT-AX92U (2 pack)
- Power Adapter
- QSG (Quick Start Guide)
- WAN ethernet cable
- Intel WLAN adapter driver update guide
- Wtfast user guide
- Hotline card
- Warranty card

1.2 Initial Connection

Follow these steps to connect your ASUS RT-AX92U router for the first time:

1. **Connect Router to Laptop:** Use the bundled network cable to connect a LAN port on the ASUS router to the network port on your laptop or PC.
2. **Connect Power:** Plug the power adapter into the router's DC-IN port and then into a power outlet. Press the power button to turn on the router.
3. **Check LED Lights:** Once powered on, observe the LED indicators on the front of the router. The Power, Wi-Fi, LAN, and Internet LEDs should be illuminated.



Back view of the ASUS RT-AX92U router, highlighting the LAN and WAN ports for cable connections.

1.3 Quick Internet Setup (QIS)

The Quick Internet Setup (QIS) wizard guides you through the initial configuration:

1. **Access Router Settings:** Open a web browser (e.g., Chrome, Firefox) and type router.asus.com into the address bar.
2. **Login:** Enter your router's login username and password (default is usually 'admin' for both). Click 'Sign In'.
3. **Start QIS:** The QIS page will appear. Click 'Create A New Network' to allow the router to auto-detect your connection type.
4. **Assign SSID and Password:** Assign a unique name (SSID) for your 2.4GHz and 5GHz wireless networks and set a strong password (at least 8 characters) for each.
5. **Change Router Login:** For security, change the default router login name and password.

Official video: [How to set up ASUS WiFi Router via Quick Internet Setup.](#)

2. OPERATING YOUR ROUTER

2.1 Key Features

The ASUS AX6100 WiFi 6 Gaming Mesh Router offers advanced features for optimal network performance:

- **Powerful Mesh System:** AiMesh technology utilizes 802.11ax as wireless backhaul for stable data transmission between RT-AX92U units.
- **Extensive Connectivity:** Features 4 x LAN, 1 x USB 3.1, and 1 x USB 2.0 ports for wired devices.
- **AX Technology:** OFDMA and MU-MIMO enable efficient, stable, and faster data transmission for multiple devices simultaneously.
- **Adaptive QoS:** Prioritize network traffic for gaming, streaming, or work-from-home needs.

Official video: [Learn about Gaming WiFi 6 Routers and their future-proof capabilities.](#)

2.2 Built-in Security & Parental Controls

AiProtection Pro, powered by Trend Micro, provides commercial-grade network security:

- Protects all connected devices on your home network.
- Advanced parental controls allow you to manage internet usage for family members.
- Prevents threats from entering your home network, offering a robust defense beyond traditional antivirus software.

3. MAINTENANCE

3.1 Firmware Update

Keeping your router's firmware up to date ensures optimal performance, security, and bug fixes.

1. **Access Firmware Upgrade Page:** Log in to the router settings page (router.asus.com). Navigate to **Administration > Firmware Upgrade**.
2. **Check for Updates:** Click 'Check' to see if a new firmware version is available.
3. **Perform Upgrade:** If an update is available, click 'Firmware Upgrade'. Do not power off or shut down the router during the upload process.

Official video: [How to update the firmware of ASUS WiFi Router.](#)

3.2 Regular Reboots

Periodically rebooting your router can help maintain stable performance and resolve minor network issues. Simply unplug the power adapter for 10 seconds and then plug it back in.

4. TROUBLESHOOTING

4.1 Internet Connection Issues

If your devices cannot access the internet after connecting to the router, try these steps:

1. **Check LED Lights:** Ensure all necessary LED indicators (Power, Wi-Fi, LAN, Internet) are properly illuminated.
2. **Verify Cable Connections:** Make sure all network cables (WAN and LAN) are securely connected to the modem, router, and your devices.
3. **Check Internet Setup Information:** Log in to the router settings and navigate to the WAN settings. Verify that the WAN connection type (PPPoE, Static IP, or Automatic IP) and associated details are correct as provided by your Internet Service Provider (ISP).
4. **Firmware Up to Date:** Ensure your router's firmware is updated to the latest version (refer to Section 3.1).

Official video: [Troubleshooting steps to fix internet connection problems on your ASUS Router.](#)

4.2 Restoring to Default Settings

If other troubleshooting steps fail, you may need to restore the router to its factory default settings. This will erase all custom configurations.

- **Via Settings Page:** Log in to the router settings page. Navigate to **Administration > Restore/Save/Upload Setting**. Click 'Restore' and confirm.
- **Via Reset Button:** With the router powered on, use a paperclip or pin to press and hold the 'Reset' button (usually a small pinhole on the back) for about 5-10 seconds until the power LED starts to flash. Release the button and wait for the router to reboot.

Official video: [Instructions on how to restore your ASUS router to default settings.](#)

4.3 Improving Wi-Fi Signal

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

1. **Transmission Distance:** Place the router closer to your wireless devices to minimize signal loss over distance.
2. **Avoid Interference and Barriers:** Position the router away from large metal objects, thick walls, and appliances that emit electromagnetic interference (e.g., microwaves, refrigerators).
3. **Adjust Antenna Direction:** Experiment with the angle of the router's antennas to optimize signal strength. Refer to the router's manual for recommended antenna orientations.
4. **Change Wireless Control Channel:** Log in to the router settings and navigate to Wireless settings. Manually select a different control channel (e.g., 1, 6, or 11 for 2.4GHz) to avoid interference from neighboring networks.
5. **Update Wireless Device Drivers/Firmware:** Ensure the wireless drivers and firmware on your connected devices (laptops, smartphones, etc.) are up to date.

Official video: [Tips on how to improve your Wi-Fi signal.](#)

5. SPECIFICATIONS

Feature	Detail
Product Dimensions	15.43 x 8.66 x 4.25 inches
Item Weight	1.44 pounds
Item Model Number	RT-AX92U 2 Pack
Brand	ASUS
Model Name	RT-AX92U 2 Pack
Special Feature	QoS, Internet Security, Alexa Compatible, Parental Control, Beamforming, WPS, LED Indicator
Frequency Band Class	Tri-Band
Wireless Communication Standard	802.11ax
Compatible Devices	Personal Computer, Laptops, Tablet, Smartphone
Frequency	2.4 GHz
Recommended Uses For Product	Home, Gaming
Connectivity Technology	Wireless, Wi-Fi, USB, Ethernet



The ASUS RT-AX92U 2 Pack routers, designed for optimal Wi-Fi 6 performance.

6. WARRANTY INFORMATION

Your ASUS RT-AX92U 2 Pack comes with a warranty card included in the box. Please refer to this card for detailed warranty terms and conditions.

Legal Disclaimer

Actual data throughput and WiFi coverage may vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, resulting in lower actual data throughput and wireless coverage.

7. SUPPORT

For further assistance, you can refer to the official User Manual (PDF) or visit the ASUS Store:

- [User Manual \(PDF\)](#)
- [Visit the ASUS Store](#)