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ASUS RT-AX88U PRO

ASUS RT-AX88U PRO AX6000 Dual Band WiFi 6 Router User Manual

Model: RT-AX88U PRO | Brand: ASUS

1. INTRODUCTION

The ASUS RT-AX88U Pro is a high-performance 4x4 dual-band WiFi 6 router designed to deliver ultrafast and reliable wireless connections. It supports 160MHz bandwidth and 1024-QAM for significantly improved speeds. With a combined networking speed of approximately 6000Mbps (1148Mbps on the 2.4GHz band and 4804Mbps on the 5GHz band), it offers a substantial speed increase compared to previous generation routers. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your RT-AX88U Pro router.



Figure 1: ASUS RT-AX88U PRO WiFi 6 Router

The image above shows the ASUS RT-AX88U PRO WiFi 6 Router from a front-top perspective, highlighting its four external antennas and sleek black design.

2. WHAT'S IN THE BOX

Ensure all items are present in your product package:

- RT-AX88U PRO Networking router
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

3. SETUP INSTRUCTIONS

Follow these steps to set up your ASUS RT-AX88U PRO router:

1. **Connect the Antennas:** Carefully screw the four external antennas onto their respective connectors on the router. Ensure they are securely tightened.

Video 1: Product Overview and Antenna Connection

This video provides a brief overview of the product and demonstrates how to connect the antennas to the router.

2. **Connect to Power:** Plug the power adapter into the router's DC-in port and then into a power outlet.
3. **Connect to Internet (WAN):** Connect one end of the provided RJ-45 Ethernet cable to your modem's LAN port and the other end to the router's 2.5G WAN port (blue port).

WiFi 6 Standard (802.11ax)

OFDMA | TWT | MU-MIMO | 160MHz

4X

For Multi-Devices

2X

WiFi Speed

7X

Battery Life

80%↑

WiFi Range

RT-AX88U Pro

up to 6000 Mbps



WiFi 5

2.4GHz 2x2 + 5GHz 4x4

up to 2700Mbps

up to **2X**

Faster Speed

*Each feature requires compatible devices for best performance result

Figure 2: ASUS RT-AX88U PRO Router Rear Ports

The image displays the rear panel of the router, showing the various ports including the power input, USB 3.0, 2.5G WAN/LAN ports, and Gigabit LAN ports.

4. **Connect Your Device:** Connect your computer or mobile device to the router. You can do this via Wi-Fi (using the default SSID and password found on the router's label) or via Ethernet cable (connecting to any of the Gigabit LAN ports).
5. **Initial Setup:** Open a web browser on your connected device and navigate to <http://router.asus.com>. Follow the on-screen instructions to complete the initial setup, including setting up your Wi-Fi network name (SSID) and password. Alternatively, you can use the ASUS Router app for mobile setup.

Video 2: How to register your ASUS router via ASUS Router app

This video guides users through the process of registering their ASUS router using the dedicated ASUS Router mobile application.

4. OPERATING INSTRUCTIONS

Key Features:

- **New-generation WiFi 6:** Enjoy ultrafast speeds up to 6000 Mbps with the latest WiFi 6 (802.11ax) and 160MHz channels.
- **Dual 2.5G ports:** Traffic via 2.5G ports has top priority; flexible WAN/LAN network port configurations.
- **Extreme Quad-Core CPU Power:** High-performance 2.0 GHz quad-core 64-bit CPU takes computational capabilities to the next level.
- **Expanded coverage:** The exclusive ASUS RangeBoost Plus improves signal range and overall coverage.
- **Commercial-grade Security Anywhere:** Protect your home network with AiProtection Pro, powered by Trend Micro. And when away from home, ASUS Instant Guard gives you a one-click sharable secure VPN.

Advanced Networking Capabilities:

The RT-AX88U PRO leverages WiFi 6 technology to provide significant improvements in speed, efficiency, and network capacity. It is ideal for homes with multiple connected devices, high-bandwidth applications like 4K streaming, and online gaming.



Figure 3: WiFi 6 Standard Benefits

This image illustrates the benefits of WiFi 6 (802.11ax) including 4X for multi-devices, 2X WiFi speed, 7X battery life, and 80% increased WiFi range, with the RT-AX88U Pro achieving up to 6000 Mbps.

The router features dual 2.5G WAN/LAN ports, allowing for flexible network configurations and prioritizing high-speed traffic. This is particularly beneficial for power users and network-attached storage (NAS) systems.

Enhanced Network Security

Lifetime Free AiProtection Pro



Figure 4: Dual 2.5G Port Connectivity Diagram

The diagram shows how the dual 2.5G ports can be used for WAN aggregation or as a high-speed LAN port, connecting various devices like mobile phones, PCIe cards, workstations, and NAS devices.

AiMesh Support:

The RT-AX88U PRO supports ASUS AiMesh, allowing you to create a whole-home mesh Wi-Fi system by connecting multiple AiMesh-compatible ASUS routers. This expands your network coverage and eliminates Wi-Fi dead zones.

Save **BIG** with **ASUS**. Our routers come fully featured with **no trials or subscriptions**



Figure 5: AiMesh Extended Network Setup

This image illustrates how the AiMesh system extends Wi-Fi coverage throughout a multi-story home by connecting multiple AiMesh-compatible routers.

Security and Parental Controls:

The router comes with AiProtection Pro, a commercial-grade network security suite powered by Trend Micro. This provides robust protection against online threats, including malicious websites and intrusions. It also offers advanced parental controls to manage internet access for family members.

Easy Extendable Network

Enjoy seamless roaming with rich, advanced features by adding any AiMesh-compatible router.

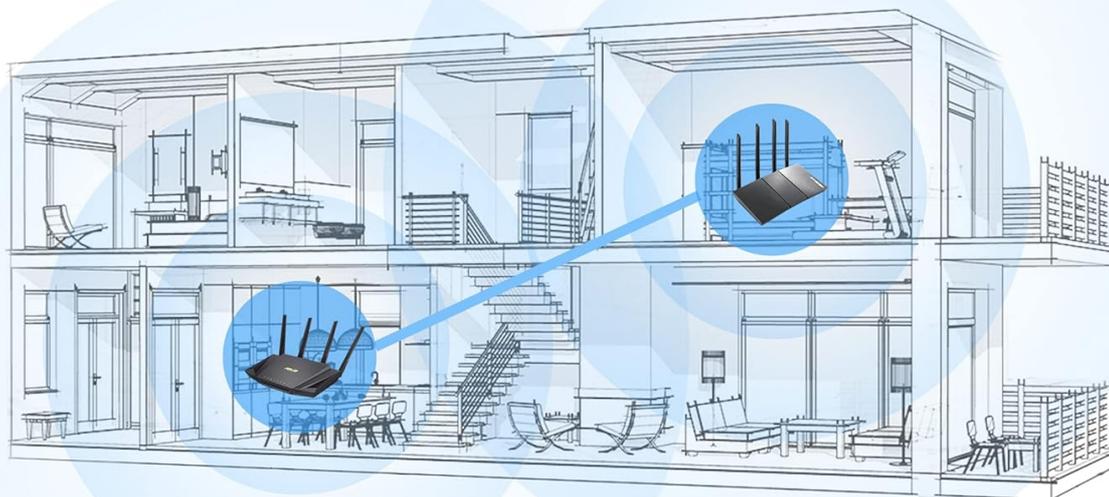


Figure 6: AiProtection Pro and Parental Controls

This image highlights the enhanced network security provided by AiProtection Pro and the advanced parental controls available, allowing for flexible screen time scheduling.

ASUS Instant Guard provides a secure VPN connection to your home network when you are away, ensuring your data remains private and secure on public Wi-Fi networks.

5. MAINTENANCE

- **Firmware Updates:** Regularly check for and install firmware updates via the ASUS Router app or web interface to ensure optimal performance, security, and access to new features.
- **Rebooting:** Periodically reboot your router (e.g., once a month) to clear its memory and refresh network connections, which can resolve minor performance issues.
- **Placement:** Place your router in a central location, away from obstructions and interference sources (like microwaves or cordless phones), to maximize Wi-Fi coverage and signal strength.
- **Cleaning:** Keep the router clean and free of dust to prevent overheating. Use a soft, dry cloth for cleaning.

6. TROUBLESHOOTING

- **No Internet Connection:**

- Check if your modem is working correctly.
- Ensure all cables are securely connected to the router and modem.
- Reboot both the modem and the router.

- **Slow Wi-Fi Speed:**

- Ensure your devices are connected to the 5GHz band for higher speeds, if supported.
- Check for interference from other electronic devices.
- Update router firmware and device drivers.
- Consider using AiMesh to expand coverage if you have dead zones.

- **Cannot Access Router Settings:**

- Ensure your device is connected to the router's network.
- Try clearing your browser's cache or using a different browser.
- Verify you are using the correct router login address (<http://router.asus.com>).

7. SPECIFICATIONS

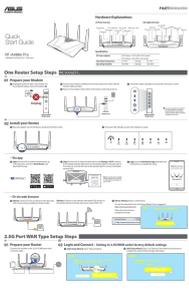
Feature	Value
Brand	ASUS
Model Name	RT-AX88U PRO
Wireless Type	802.11ax, 802.11a, 802.11g, 802.11ac
Frequency Band Class	Dual-Band
Total Networking Speed	Up to 6000 Mbps
CPU	2.0 GHz Quad-Core 64-bit
Ports	Dual 2.5G WAN/LAN, 4x Gigabit LAN, USB 3.0
Security Features	AiProtection Pro (powered by Trend Micro), Instant Guard VPN
Special Features	QoS, Alexa Compatible, Access Point Mode, Parental Control, AiMesh support
Item Weight	2.23 pounds
Product Dimensions	11.81 x 7.4 x 2.38 inches

8. WARRANTY AND SUPPORT

The ASUS RT-AX88U PRO router typically comes with a manufacturer's warranty. Please refer to the warranty card included in your product package for specific terms, conditions, and duration. For technical support, driver downloads, and further assistance, visit the official ASUS support website or contact their customer service.

You can find additional resources and support at the [ASUS Store on Amazon](#).

Related Documents - RT-AX88U PRO

	<p>ASUS RT-AX88U Pro Quick Start Guide: Setup and Configuration</p> <p>Get started quickly with the ASUS RT-AX88U Pro AX6000 Dual Band Wi-Fi Router. This guide covers hardware explanations, setup steps via app or web, 2.5G WAN configuration, and important safety information.</p>
	<p>ASUS RT-AX88U PRO AX6000 Dual Band Wi-Fi Router User Guide</p> <p>Explore the capabilities of the ASUS RT-AX88U PRO AX6000 Dual Band Wi-Fi Router with this comprehensive user guide. Learn about setup, advanced configuration, AiProtection, AiCloud, QoS, and troubleshooting for a seamless home network experience.</p>
	<p>ASUS RT-BE86U BE6800 Dual-band WiFi Router User Guide</p> <p>This user guide provides comprehensive instructions for setting up and using the ASUS RT-BE86U BE6800 Dual-band WiFi Router. It covers initial setup, features like AiMesh and VPN, security, troubleshooting, and safety information.</p>
	<p>ASUS RT-AX88U User Guide: Setup, Features, and Troubleshooting</p> <p>Comprehensive user guide for the ASUS RT-AX88U Wireless-AX6000 Dual Band Gigabit Router. Learn about setup, advanced configurations, security features like AiProtection, and troubleshooting tips.</p>
	<p>ASUS RT-AX88U Pro Quick Setup Guide: Dual Band Wi-Fi Router Installation</p> <p>Get your ASUS RT-AX88U Pro Dual Band Wi-Fi Router up and running quickly with this comprehensive setup guide. Learn about router overview, port identification, and step-by-step installation instructions.</p>

Manuale utente

RT-BE88U

Router Wireless BE7200 Dual-band



ASUS
ROUTERS

[Manuale Utente ASUS RT-BE88U Router Wireless BE7200 Dual-band](#)

Guida completa per l'utente del router wireless ASUS RT-BE88U, che copre l'installazione, la configurazione, le funzionalità e la risoluzione dei problemi. Scopri come ottimizzare le prestazioni della tua rete domestica con questo router dual-band ad alte prestazioni.