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› [ASUS RT-AX86U \(AX5700\) Dual Band WiFi 6 Extendable Gaming Router User Manual](#)

## ASUS RT-AX86U

# ASUS RT-AX86U (AX5700) Dual Band WiFi 6 Extendable Gaming Router

Brand: ASUS

Model: RT-AX86U

### PRODUCT OVERVIEW

The ASUS RT-AX86U dual-band WiFi 6 router delivers ultrafast WiFi speeds up to 5700 Mbps. It incorporates advanced technologies such as Mobile Game Mode for optimized mobile gaming, and supports up to a 2 Gbps internet connection for high-speed wired and wireless networking. The router is AiMesh compatible, allowing for an extendable network.

### WHAT'S IN THE BOX

- RT-AX86U Pro WiFi router
- RJ-45 cable
- Power adapter
- Quick Start Guide
- Warranty card

### SETUP

#### Initial Setup

Before beginning the setup process, ensure all necessary components are available and the router is placed in an optimal location, away from obstructions and interference sources.



Figure 1: Front view of the ASUS RT-AX86U router.



Figure 2: Rear view of the ASUS RT-AX86U router showing various ports including WAN, LAN, and USB. The Wi-Fi network name (SSID) for initial setup is typically "ASUS\_XX" where XX are the last two digits of the MAC address. For a detailed guide on setting up your ASUS router via Quick Internet Setup, refer to the video below:

Your browser does not support the video tag.

Video: How to set up ASUS WiFi Router via Quick Internet Setup. This video demonstrates the step-by-step process of connecting your router and modem, and configuring the initial internet settings through the web interface.

## Mobile Game Mode

The RT-AX86U features a Mobile Game Mode designed to minimize lag and latency for mobile gaming. This mode can be activated with a single tap through the ASUS Router app on your mobile device.

## AiMesh Compatible Router

The router is AiMesh compatible, allowing you to create a seamless whole-home mesh WiFi system by adding other AiMesh-compatible ASUS routers. This provides extended coverage and eliminates WiFi dead zones.

## Instant Guard VPN

ASUS Instant Guard provides a one-click secure VPN solution, protecting your home network and allowing you to access it securely when away from home. This feature helps secure your data even when using public Wi-Fi networks.

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*Video: ASUS Instant Guard - Makes free WiFi secure wherever you are. This video explains how Instant Guard works to secure your internet connection on public Wi-Fi.*

## Accessing Router Settings

To configure advanced settings or manage your network, you can access the router's web interface. The video below provides instructions on how to do this.

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*Video: How to enter the ASUS Router Setting page. This video guides you through the process of logging into your router's administration page.*

## MAINTENANCE

### Firmware Updates

Keeping your router's firmware up to date is crucial for optimal performance, security, and access to new features. Follow the instructions in the video to update your router's firmware.

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

### Improving WiFi Signal

If you experience weak or unstable WiFi signals, several factors might be at play. The following video offers tips on how to improve your WiFi signal strength and coverage.

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*Video: How to improve WiFi signal. This video provides practical advice on optimizing router placement and settings to enhance WiFi signal.*

## TROUBLESHOOTING

### Internet Connection Issues

If you encounter problems with your internet connection, the following video can help diagnose and resolve common issues.

Your browser does not support the video tag.

Video: *[Troubleshooting] Fix Internet Connection on ASUS Router. This video offers solutions for common internet connectivity problems with your ASUS router.*

## Restoring Default Settings

If you need to reset your router to its factory default settings, for example, due to forgotten login credentials or persistent issues, follow the instructions in the video below.

Your browser does not support the video tag.

Video: *How to restore the ASUS router to default setting? This video demonstrates how to perform a factory reset on your ASUS router.*

## SPECIFICATIONS

Feature	Detail
Product Dimensions	9.53 x 3.94 x 12.8 inches
Item Weight	1.83 pounds
Item Model Number	RT-AX86U
Brand	ASUS
Model Name	RT-AX86U
Special Feature	WPS
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11n, 802.11b, 802.11ax, 802.11a, 802.11ac
Compatible Devices	Gaming Console, Personal Computer, Smartphone
Frequency	2.4 GHz
Recommended Uses For Product	Security
Included Components	Warranty card, RT-AX86U Pro WiFi router, RJ-45 cable, Power adapter, Quick Start Guide
Connectivity Technology	Wi-Fi, Ethernet

## SAFETY INFORMATION

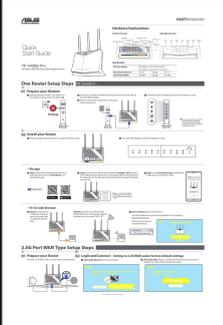
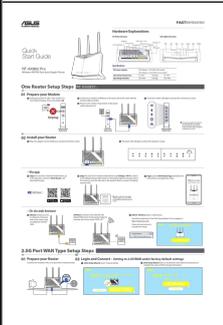
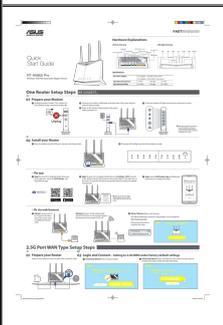
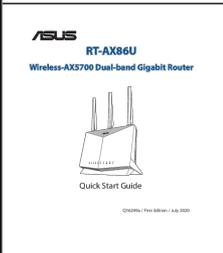
**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## WARRANTY & SUPPORT

For detailed warranty information and further technical support, please refer to the official ASUS support channels or the comprehensive User Manual (PDF) available for download.

**Official User Manual (PDF):** [Download PDF Manual](#)

### Related Documents - RT-AX86U

	<p><a href="#">ASUS RT-AX86U Pro Quick Start Guide: Setup and Configuration</a></p> <p>A concise guide to setting up your ASUS RT-AX86U Pro Wireless-AX5700 Dual-band Gigabit Router. Learn about hardware, installation steps, app and web browser setup, 2.5G WAN configuration, and important safety information.</p>
	<p><a href="#">ASUS RT-AX86U Pro Wireless Router: Quick Start Guide</a></p> <p>Concise guide to setting up and using the ASUS RT-AX86U Pro AX5700 Dual-band Gigabit Router, including hardware explanations, setup steps via app or web, 2.5G WAN configuration, and safety information.</p>
	<p><a href="#">ASUS RT-AX86U Pro Wireless-AX5700 Router Quick Start Guide</a></p> <p>Quick start guide for the ASUS RT-AX86U Pro Wireless-AX5700 Dual-band Gigabit Router, covering hardware setup, app and web browser configuration, 2.5G WAN setup, and important safety and compliance information.</p>
	<p><a href="#">ASUS RT-AX86U Wireless-AX5700 Dual-band Gigabit Router Quick Start Guide</a></p> <p>This guide provides instructions for setting up and using the ASUS RT-AX86U Wireless-AX5700 Dual-band Gigabit Router, including package contents, hardware overview, modem preparation, and setup via wired or wireless connections.</p>
	<p><a href="#">ASUS RT-AX86U Wireless Router Quick Start Guide</a></p> <p>A quick start guide for the ASUS RT-AX86U Wireless-AX5700 Dual-band Gigabit Router, covering package contents, setup, connection, and basic configuration.</p>

User Guide

**RT-BE86U**  
BE6800 Dual-band WiFi Router



## [ASUS RT-BE86U BE6800 Dual-band WiFi Router User Guide](#)

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.