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ASUS ROG Rapture GT-AXE11000

ASUS ROG Rapture GT-AXE11000 Wi-Fi 6E Router Instruction Manual

Model: ROG Rapture GT-AXE11000

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1. PRODUCT OVERVIEW

The ASUS ROG Rapture GT-AXE11000 is a high-performance Wi-Fi 6E router designed for demanding network environments. It supports the newly opened 6GHz band, offering wider channels and higher capacity with reduced interference. This tri-band wireless gaming router delivers speeds up to 11000 Mbps and includes features like a 2.5 Gigabit LAN/WAN Port and WAN Aggregation for optimized network traffic.



Figure 1: ASUS ROG Rapture GT-AXE11000 Wi-Fi 6E Router

Key Features:

- **Wi-Fi Generation:** Wi-Fi 6E (IEEE 802.11ax)
- **Frequency Bands:** Tri-Band (2.40 GHz ISM, 5 GHz UNII, 6 GHz)
- **Wireless Speed:** Up to 1.34 GB/s (11000 Mbps)
- **Antennas:** 8 x External
- **Ports:** 2.5 Gigabit Ethernet, USB
- **Virtual Assistant Supported:** Alexa

2. SETUP

2.1 Physical Connection

Before configuring your router, ensure all necessary physical connections are made correctly.

1. Connect your modem to the router's WAN port using an Ethernet cable.
2. Connect your computer or laptop to one of the router's LAN ports using an Ethernet cable.
3. Connect the power adapter to the router and plug it into a power outlet. Press the power button to turn on the router.
4. Verify the LED indicators on the front of the router. The Power, Wi-Fi, Internet, and LAN LEDs should be illuminated, indicating proper connection and operation.

Extensive Connectivity

2.5G WAN/LAN | Gigabit LAN x4 | USB3.2 x2

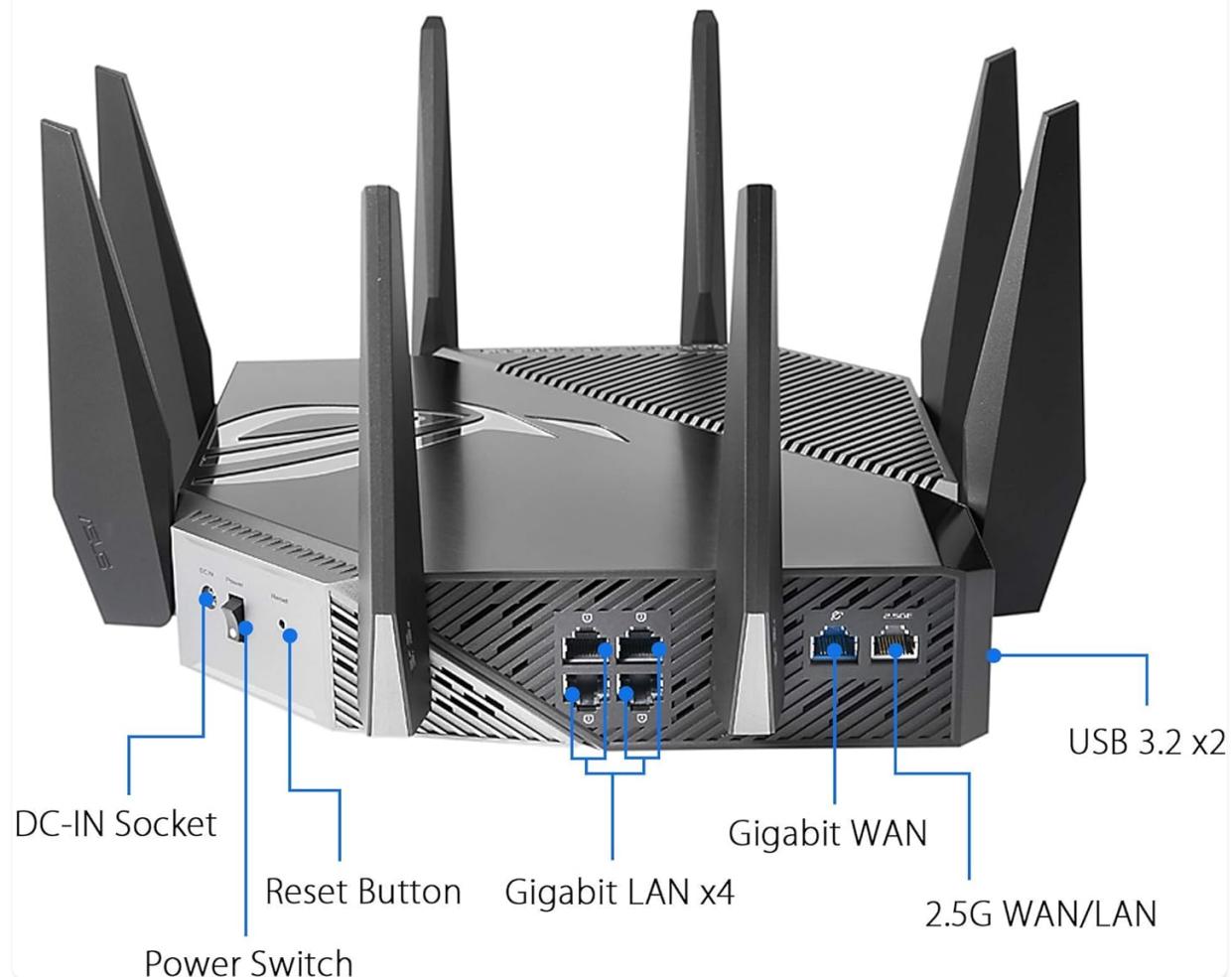


Figure 2: Router Rear Panel with Ports (DC-IN, Power Switch, USB 3.2 x2, Gigabit LAN x4, 2.5G WAN/LAN, Gigabit WAN, Reset Button)

2.2 Initial Configuration (Quick Internet Setup)

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

1. Open a web browser on your connected computer and type router.asus.com in the address bar.
2. Enter the default login credentials (usually username: **admin**, password: **admin**). If these do not work, refer to the sticker on the bottom of your router or the product manual for default credentials.
3. The QIS wizard will launch. Follow the on-screen prompts to configure your internet connection type (PPPoE, Static IP, or Automatic IP) and set up your Wi-Fi network name (SSID) and password.

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Video 1: How to set up ASUS WiFi Router via Quick Internet Setup. This video demonstrates the step-by-step process of configuring your ASUS router using the Quick Internet Setup wizard.

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Video 2: How to enter the ASUS Router Setting page. This video guides you on accessing the router's web interface to manage settings.

3. OPERATING

3.1 Wi-Fi 6E Technology

The GT-AXE11000 leverages Wi-Fi 6E, extending Wi-Fi capabilities into the 6GHz band. This band offers dedicated channels for Wi-Fi 6E-compatible devices, significantly reducing interference and providing massive capacity for a seamless experience.

New Era of WiFi – WiFi 6E

Newly 6GHz Band | Tri-band Solution



Figure 3: Wi-Fi 6E introduces the new 6GHz band alongside existing 2.4GHz and 5GHz bands for enhanced performance.

Seamless Experience on 6GHz Band

Massive Capacity | Not Affected by Legacy Devices | Zero Wait



Figure 4: The 6GHz band offers massively expanded device capacity, is dedicated for Wi-Fi 6E clients, and operates without Dynamic Frequency Selection (DFS) wait times.

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Video 3: ROG Rapture Router revealed! (World's first WiFi 6E router). This video highlights the key features and benefits of the ROG Rapture GT-AXE11000, emphasizing its Wi-Fi 6E capabilities.

3.2 Gaming Features

The router includes several features to optimize your gaming experience:

- **Game First 2.5G Multi-gigabit LAN/WAN Port:** Prioritizes gaming traffic for connected devices.
- **WAN Aggregation:** Combines two 1Gbps internet connections to achieve higher bandwidth for improved network performance.
- **Gaming Boost:** Prioritizes game data packets to reduce lag and improve responsiveness.
- **Game Server Optimization:** Optimizes ping and latency to game servers.
- **Gaming VPN:** Reduces ping times to game servers by routing traffic through optimized VPN tunnels.

3.3 AiMesh Support

The GT-AXE11000 supports ASUS AiMesh, allowing you to create a whole-home mesh Wi-Fi system by combining multiple AiMesh-compatible ASUS routers. This provides seamless roaming and extended coverage throughout your home.



Figure 5: Diagram illustrating an AiMesh network setup for extended Wi-Fi coverage.

4. MAINTENANCE

4.1 Firmware Update

Keeping your router's firmware up to date ensures optimal performance, security, and access to the latest features. You can update the firmware via the router's web interface.

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Video 4: How to update the firmware of ASUS WiFi Router. This video provides instructions on how to update your router's firmware to the latest version.

4.2 Restore to Default Settings

If you encounter persistent issues or wish to clear all custom configurations, you can restore the router to its factory default settings. This can be done via the web interface or by using the physical reset button.

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Video 5: How to restore the ASUS router to default setting? This video demonstrates the process of resetting your router to its original factory settings.

5. TROUBLESHOOTING

5.1 Internet Connection Problems

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

- Check LED Lights:** Ensure the Power, Wi-Fi, Internet, and LAN LEDs on the router are illuminated. If any are off or blinking unexpectedly, refer to the manual for LED status explanations.
- Verify Cable Connections:** Ensure all Ethernet cables (modem to router, router to computer) are securely plugged in.
- Check WAN Settings:** Access the router's web interface and navigate to the WAN settings. Confirm that the WAN connection type (PPPoE, Static IP, or Automatic IP) and associated details are correct as provided by your Internet Service Provider.
- Update Firmware:** Ensure your router's firmware is up to date. Outdated firmware can cause connectivity issues.
- Restart Router:** Power cycle your router by unplugging it for 30 seconds and then plugging it back in.

6. Factory Reset: As a last resort, perform a factory reset. Note that this will erase all custom settings.

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Video 6: [Troubleshooting] Fix Internet Connection on ASUS Router. This video provides a guide to resolve common internet connection problems with your ASUS router.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	12.91 x 12.91 x 7.05 inches
Item Weight	6.49 pounds
Item Model Number	ROG Rapture GT-AXE11000
Manufacturer	ASUS Computer International Direct
Brand	ASUS
Model Name	GT-AXE11000
Frequency Band Class	Tri-Band
Wireless Communication Standard	802.11ax
Compatible Devices	Personal Computer
Connectivity Technology	2.5G Ethernet
Color	Black
Operating System	[Probable] Proprietary ASUS operating system

7. WARRANTY INFORMATION

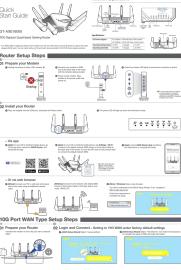
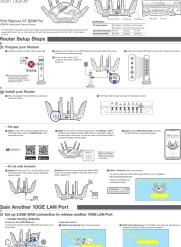
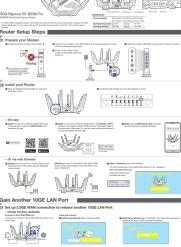
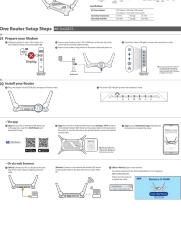
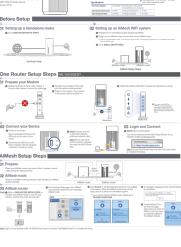
For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official ASUS support website.

8. SUPPORT

For further assistance, technical support, or to download the latest drivers and utilities, please visit the official ASUS support website:

[ASUS Support Website](#)

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	<p><u>ASUS ROG Rapture GT-AXE16000 Quick Start Guide</u></p> <p>A concise guide to setting up and using the ASUS ROG Rapture GT-AXE16000 Quad-band Gaming Router, including hardware explanations, setup steps via app or web, and important compliance information.</p>
	<p><u>ASUS ROG Rapture GT-AX6000 Quick Start Guide</u></p> <p>Get started with your ASUS ROG Rapture GT-AX6000 dual-band gaming router. This guide provides step-by-step instructions for setup via the ASUS Router app or a web browser, including hardware overview and important safety information.</p>
	<p><u>ASUS ROG Rapture GT-BE98 Pro Quick Start Guide: Setup and Configuration</u></p> <p>Comprehensive quick start guide for the ASUS ROG Rapture GT-BE98 Pro BE30000 Quad-band Gaming Router. Covers hardware explanation, setup steps via app or web browser, advanced port configuration, and important safety information.</p>
	<p><u>ASUS ROG Rapture GT-BE98 Pro Quick Start Guide: Setup and Specifications</u></p> <p>Concise guide to setting up the ASUS ROG Rapture GT-BE98 Pro BE30000 Quad-band Gaming Router, including hardware explanations, setup steps via app or web, and important safety information.</p>
	<p><u>ASUS ROG Rapture GT-AX6000 Quick Start Guide: Setup and Configuration</u></p> <p>Get your ASUS ROG Rapture GT-AX6000 Dual Band Gaming Router up and running quickly with this comprehensive quick start guide. Learn about hardware, setup steps via app or web, and important safety information.</p>
	<p><u>ASUS ZenWiFi Pro ET12 AXE11000 Quick Start Guide: Setup and AiMesh Configuration</u></p> <p>Comprehensive quick start guide for the ASUS ZenWiFi Pro ET12 AXE11000 Tri Band Router. Learn how to set up a standalone router or an AiMesh WiFi system, troubleshoot common issues, and understand hardware explanations and safety notices.</p>

