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ASUS GS-AX3000

ASUS ROG Strix GS-AX3000 WiFi 6 Gaming Router User Manual

Model: GS-AX3000 | Brand: ASUS

PRODUCT OVERVIEW

The ASUS ROG Strix GS-AX3000 is a high-performance WiFi 6 gaming router designed to provide fast and stable network connections for gaming and general use. It features advanced technologies to optimize network performance and enhance security.



Figure 1: ASUS ROG Strix GS-AX3000 WiFi 6 Gaming Router

Key Features:

- **New-generation WiFi 6:** Ultrafast speeds up to 3000 Mbps with 160 MHz WiFi 6 channels.
- **Fully optimized gaming:** Mobile Game Mode, dedicated Gaming Port, and Gear Accelerator for optimized gaming on mobile, console or PC.
- **VPN Fusion:** Run a VPN and an ordinary internet connection simultaneously for maximum speed.
- **Instant Guard:** Secure public WiFi connections globally with a single click.
- **Commercial-grade Security:** AiProtection Pro, powered by Trend Micro, protects your home network.
- **Easy Extendable Network:** Seamless roaming with any AiMesh-compatible router.

PACKAGE CONTENTS

Before proceeding with the setup, please ensure all items listed below are present in your package:

- GS-AX3000 Router
- RJ-45 cable
- Power adapter
- Warranty card

- Quick start guide

SETUP GUIDE

1. Hardware Connections

Follow these steps to connect your router:

1. Connect the power adapter to the router's **Power (DC-IN) port** and plug it into a power outlet.
2. Connect one end of the RJ-45 cable to your modem's Ethernet port and the other end to the router's **WAN Port**.
3. For wired devices, connect an Ethernet cable from your computer or gaming console to any of the router's **LAN Ports (LAN 1-3)**. The **Gaming Port (LAN 1)** is recommended for primary gaming devices.
4. Press the **Power Switch** to turn on the router.



Figure 2: Rear view of the GS-AX3000 router showing all ports and buttons.

2. Initial Configuration

Once the hardware is connected, configure your router using the ASUSWRT web interface:

1. Open a web browser on a computer connected to the router (either wired or wirelessly using the default Wi-Fi name and password found on the router's label).
2. Type **http://router.asus.com** or **http://192.168.50.1** into the address bar and press Enter.
3. Follow the on-screen instructions of the Quick Internet Setup (QIS) wizard to set up your internet connection, Wi-Fi network name (SSID), and password.
4. It is highly recommended to change the default login username and password for the router's administration page for security purposes.

OPERATING INSTRUCTIONS

Gaming Features

The ROG Strix GS-AX3000 is optimized for gaming performance:

- **Gaming Port (LAN 1):** Connect your primary gaming device (PC, console) to this port for prioritized network traffic.
- **Mobile Game Mode:** Activate this feature via the ASUS Router app to prioritize mobile gaming traffic.
- **Gear Accelerator:** Use the web interface to prioritize specific devices for gaming.

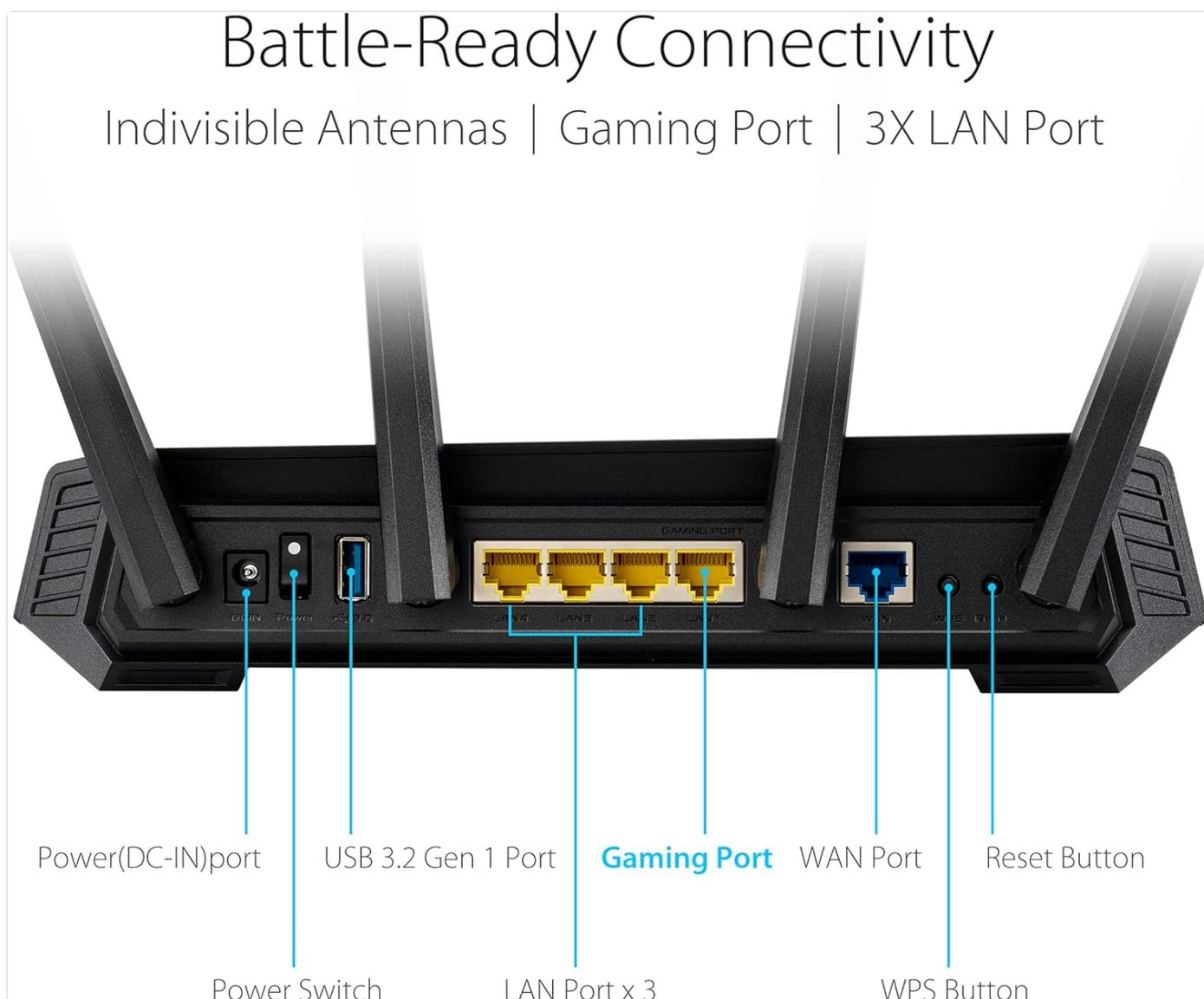


Figure 3: Accelerate Your Gaming Device with the GS-AX3000.

Network Security and Privacy

Enhance your network security and privacy with these built-in features:

- **AiProtection Pro:** Provides commercial-grade network security, including intrusion prevention, malicious site blocking, and infected device detection. Access and configure this feature through the ASUSWRT interface.
- **VPN Fusion:** Allows you to run a VPN connection alongside a regular internet connection. This is useful for specific applications that require VPN while others use direct internet access.
- **Instant Guard:** Create a secure VPN connection to your home network when you are away, protecting your data on public Wi-Fi. This feature is accessible via the ASUS Router mobile app.

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



Commercial Grade Security **Included**




Advanced Parental Controls **Included**




Built-in VPN + Fusion and Instant Guard **Included**



Figure 4: Overview of security and privacy features.

AiMesh System

The GS-AX3000 is AiMesh compatible, allowing you to create a whole-home mesh Wi-Fi system by adding other AiMesh-compatible ASUS routers. This extends Wi-Fi coverage and eliminates dead zones.

Easy Extendable Network

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

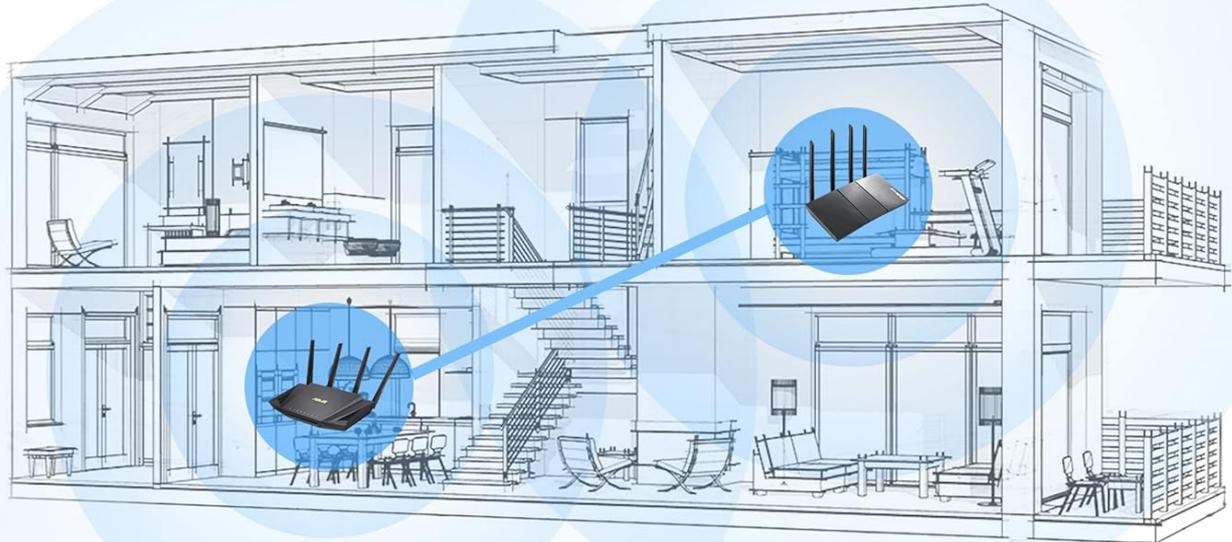


Figure 5: AiMesh system extending network coverage.

MAINTENANCE

Regular maintenance ensures optimal performance and security for your router:

- **Firmware Updates:** Periodically check for and install the latest firmware updates via the ASUSWRT interface. Firmware updates often include performance improvements, bug fixes, and security enhancements.
- **Regular Reboot:** Rebooting the router every few days or once a week can help clear its memory and resolve minor performance issues.
- **Physical Cleaning:** Keep the router free from dust. Use a soft, dry cloth to clean the exterior. Ensure ventilation holes are not obstructed to prevent overheating.
- **Password Management:** Regularly change your Wi-Fi and router administration passwords to strong, unique combinations.

TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
No Internet Connection	Incorrect cable connections, modem issue, ISP outage.	<p>Check all Ethernet cables are securely connected.</p> <p>Reboot your modem and router.</p> <p>Verify ISP status.</p> <p>Ensure WAN port light is active.</p>
Slow Wi-Fi Speed	Interference, too many devices, outdated firmware, router placement.	<p>Move router away from obstructions or other electronics.</p> <p>Update router firmware.</p> <p>Utilize Gaming Port or Gear Accelerator for critical devices.</p> <p>Consider using AiMesh for extended coverage.</p>
Cannot Access Router Settings Page	Incorrect IP address, network issue, browser cache.	<p>Ensure your device is connected to the router's network.</p> <p>Try http://router.asus.com or http://192.168.50.1.</p> <p>Clear your browser's cache and cookies, or try a different browser.</p> <p>Temporarily disable any VPN or proxy.</p>
Wi-Fi Disconnections	Channel interference, signal strength, device compatibility.	<p>Change Wi-Fi channels in the router settings to avoid interference.</p> <p>Ensure router is centrally located for optimal signal.</p> <p>Update device drivers.</p>

For more detailed troubleshooting, refer to the online support resources or contact ASUS customer support.

SPECIFICATIONS

Feature	Detail
Brand	ASUS
Series	ROG STRIX
Model Number	GS-AX3000
Wireless Type	802.11ax (WiFi 6)
Frequency Band Class	Dual-Band
Frequency	160 MHz
Operating System	ASUSWRT
Item Weight	1.55 pounds

Feature	Detail
Product Dimensions (LxWxH)	10.56 x 7.08 x 6.53 inches
Color	BLACK
Voltage	240 Volts (AC)
Special Features	AiMesh, QoS, WPS
Connectivity Technology	Bluetooth, Wi-Fi, Ethernet

WARRANTY AND SUPPORT

Warranty Information

This product comes with a warranty. Please refer to the included **Warranty card** in your package for detailed terms and conditions, including warranty period and coverage.

Legal 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, resulting in lower actual data throughput and wireless coverage.

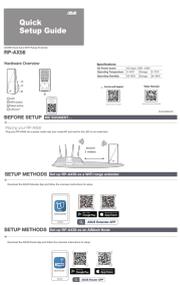
Customer Support

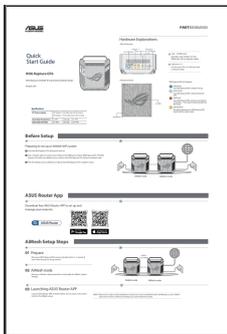
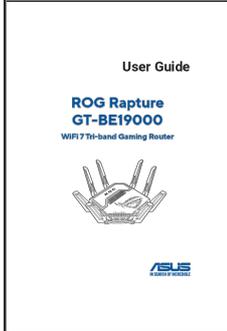
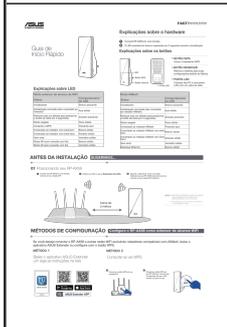
For technical assistance, product inquiries, or warranty claims, please contact ASUS customer support. You can find contact information on the ASUS official website or in the quick start guide included with your product.

Online resources and FAQs are also available on the ASUS support website to help you with common issues and advanced configurations.

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Related Documents - GS-AX3000

	<p>ASUS RP-AX58 AX3000 Dual-band WiFi Range Extender Quick Start Guide</p> <p>This guide provides setup instructions for the ASUS RP-AX58 AX3000 Dual-band WiFi Range Extender. Learn about its hardware, specifications, and how to configure it as a WiFi range extender or AiMesh Node using ASUS apps.</p>
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	<p>ASUS ROG Rapture GT6 AX10000 Tri-band Gaming Mesh Router Quick Start Guide</p> <p>Get started quickly with the ASUS ROG Rapture GT6 AX10000 Tri-band Gaming Mesh Router. This guide covers hardware setup, AiMesh system configuration, troubleshooting, and important regulatory information.</p>
	<p>ASUS ROG Rapture GT-BE19000 WiFi 7 Gaming Router User Guide</p> <p>Comprehensive user guide for the ASUS ROG Rapture GT-BE19000 WiFi 7 Tri-band Gaming Router, covering setup, features, tutorials, troubleshooting, and safety information.</p>
	<p>ASUS ZenWiFi XD6 AX5400 Dual Band WiFi Router Quick Start Guide</p> <p>Quick Start Guide for the ASUS ZenWiFi XD6 AX5400 Dual Band WiFi Router. Learn how to set up your router, configure AiMesh, use the ASUS Router App, and find troubleshooting tips for a seamless home networking experience.</p>
	<p>ASUS ROG STRIX Power Supply Unit Quick Start Guide</p> <p>This document provides a quick start guide for the ASUS ROG STRIX Power Supply Unit, covering installation, safety precautions, and product features. It includes multilingual quick start information and compliance details.</p>
	<p>ASUS RP-AX58 WiFi Range Extender Quick Start Guide</p> <p>Quick start guide for the ASUS RP-AX58 AX3000 Dual-band WiFi Range Extender. Learn about hardware, LED indicators, setup modes (Extender, AiMesh Node, AP), troubleshooting, and regulatory information.</p>