ASUS Blue Cave

ASUS AC2600 WiFi Router (Blue Cave) Instruction Manual

Model: Blue Cave

1. INTRODUCTION

The ASUS Blue Cave AC2600 WiFi Router is a dual-band gigabit wireless router designed for smart homes. It features Intel Wi-Fi technology, supports AiMesh for whole-home WiFi systems, and includes lifetime internet security. Its unique design blends seamlessly into modern home decor while providing robust network performance.

Figure 1: Front view of the ASUS Blue Cave AC2600 WiFi Router. This compact, white router features a distinctive blue-tinted central opening.

2. WHAT'S IN THE BOX

Verify that all items are present in your product package:

- Blue Cave Wireless-AC2600 Dual Band Gigabit Router
- RJ-45 cable
- Power adapter
- Quick Start Guide (QSG)
- Warranty Card

Figure 2: All components included in the ASUS Blue Cave AC2600 WiFi Router package. This includes the router, power adapter, Ethernet cable, quick start guide, and warranty card.

3. SETUP

3.1 Initial Hardware Connection

1. **Power Off Modem:** Disconnect the power from your modem.

2. **Connect Router:** Connect the RJ-45 cable from your modem's LAN port to the WAN port (often labeled with an internet icon) on the ASUS Blue Cave router.

3. **Connect Devices:** Connect your computer or other network devices to one of the LAN ports (labeled 1-4) on the router using an Ethernet cable, or connect wirelessly.

4. **Power On:** Connect the power adapter to the router's DCIN port and plug it into a power outlet. Power on your modem, then power on the ASUS Blue Cave router.

Figure 3: Rear view of the ASUS Blue Cave router showing the power input, USB 3.0 port, four Gigabit LAN ports, and the WAN port. The WPS button is also visible.

3.2 Mobile App Setup (Recommended)

The ASUS Router App provides an easy way to set up and manage your network.

1. **Download App:** Download the "ASUS Router" app from your mobile device's app store (available on Apple App Store or Google Play Store).
2. **Launch App:** Open the ASUS Router app and follow the on-screen instructions to detect and set up your new Blue Cave router.
3. **Create Network:** You will be prompted to create a Wi-Fi network name (SSID) and password for both 2.4GHz and 5GHz bands, and set up an administrator login account for the router.
4. **Network Optimization:** The app will then optimize your network settings. This process may take a few minutes.

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Video 1: Official ASUS Blue Cave AC2600 Dual-Band Smart Wi-Fi Router Setup Guide. This video demonstrates the step-by-step process of setting up the router using the ASUS Router mobile application, including initial connection, network naming, and optimization.

3.3 Web Interface Setup

Alternatively, you can set up the router using a web browser.

1. **Connect:** Ensure your computer is connected to the router via Ethernet or Wi-Fi.
2. **Access Interface:** Open a web browser and type **router.asus.com** into the address bar.
3. **Login:** Enter the default username (usually "admin") and password (usually "admin" or blank) when prompted. You will then be guided through the setup wizard.

4. OPERATING YOUR ROUTER

4.1 AiMesh Configuration

The ASUS Blue Cave supports AiMesh, allowing you to create a whole-home Wi-Fi system with other AiMesh-compatible ASUS routers for extended coverage.

1. **Primary Router:** Set up one Blue Cave router as the primary AiMesh router.
2. **Add Node:** In the ASUS Router App or web interface, navigate to the AiMesh section and select "Add AiMesh Node".
3. **Pairing:** Follow the instructions to pair additional AiMesh-compatible routers (nodes) to your primary router. Ensure nodes are within range of the primary router during the pairing process.

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Video 2: All About ASUS Blue Cave AC2600. This short video highlights the key features of the ASUS Blue Cave, including its design, AiMesh compatibility, and smart home integration.

4.2 Parental Controls

Manage and schedule internet and app usage for family members directly from the ASUS Router App.

- **Access Controls:** Set time limits for internet access for specific devices.
- **Content Filtering:** Block access to inappropriate websites or applications.
- **Usage Statistics:** Monitor internet usage for connected devices.

4.3 AiProtection (Internet Security)

The router includes built-in commercial-grade network security powered by Trend Micro.

- **Malicious Site Blocking:** Prevents access to known malicious websites.
- **Vulnerability Protection:** Protects devices from network vulnerabilities.
- **Infected Device Prevention:** Blocks infected devices from communicating with external malicious servers.

5. MAINTENANCE

5.1 Firmware Updates

Regularly update your router's firmware to ensure optimal performance, security, and access to new features.

1. **Automatic Updates:** Enable automatic firmware updates through the ASUS Router App or web interface for convenience.
2. **Manual Updates:** You can also manually check for and apply updates via the web interface under **Administration > Firmware Upgrade**.

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Video 3: How to update the firmware of ASUS WiFi Router. This video provides a comprehensive guide on updating your ASUS router's firmware, covering both live and manual update methods.

5.2 Cleaning and Placement

- **Cleaning:** Use a soft, dry cloth to clean the router. Avoid liquid cleaners.
- **Placement:** Place the router in a central location in your home, away from obstructions and sources of interference (e.g., microwaves, cordless phones) for optimal Wi-Fi signal.

6. TROUBLESHOOTING

Problem	Solution
No Internet Connection	Check modem and router connections. Restart both modem and router. Verify WAN settings in the router's web interface.
Weak Wi-Fi Signal	Relocate the router to a central, open area. Reduce interference from other electronic devices. Consider adding an AiMesh node for extended coverage.
Cannot Access Router Settings	Ensure your device is connected to the router's network. Try **router.asus.com** or default IP **192.168.50.1**. Clear browser cache or try a different browser. If password is forgotten, perform a factory reset (see manual for steps).

7. SPECIFICATIONS

Feature	Detail
Model Name	Blue Cave (AC2600)
Wireless Standard	802.11a/b/g/n/ac
Frequency Bands	Dual-Band (2.4GHz & 5GHz)
Data Rate	Up to 2600 Mbps
Ports	4 x Gigabit LAN, 1 x WAN, 1 x USB 3.0
Dimensions (L x W x H)	6.2 x 6.2 x 3.1 inches
Weight	3.08 pounds
Special Features	AiMesh, AiProtection, Parental Controls, Works with Alexa

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product comes with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions. Protection plans are also available for extended coverage.

- 3-Year Protection Plan: $7.99
- 4-Year Protection Plan: $10.99

8.2 Customer Support

For technical assistance or product inquiries, please visit the official ASUS support website or contact their customer service.

- ASUS Support Website: www.asus.com/support/

- User Guide (PDF): Download PDF