

## NETGEAR C7000-1AZNAS

# NETGEAR C7000-1AZNAS AC1900 WiFi Cable Modem Router Instruction Manual

## PRODUCT OVERVIEW

The NETGEAR AC1900 Dual Band Cable Modem WiFi Router (Model C7000-1AZNAS) is engineered to meet DOCSIS 3.0 specifications, offering speeds up to 1.9 Gbps. It features 24x8 cable channel bonding for fast download speeds, even during peak hours. This device is designed to replace your cable modem and Wi-Fi router, potentially saving you on monthly rental fees. It is certified with major internet service providers including XFINITY from Comcast, Cox, and Spectrum. The router provides up to 1800 square feet of wireless coverage and can connect up to 30 devices with AC1900 speed.

### Key Features:

- **Cost Savings:** Replaces your cable modem and Wi-Fi router, eliminating rental fees.
- **High-Speed Performance:** Supports speeds up to 800Mbps with Xfinity, 500Mbps with Cox, and 400Mbps with Spectrum.
- **Extensive Coverage:** Provides up to 1800 square feet of wireless coverage for up to 30 devices.
- **Versatile Connectivity:** Includes 4 Gigabit Ethernet ports and 2 USB ports for wired connections and device sharing.
- **Advanced Modem Technology:** Engineered with 32x8 channel bonding and DOCSIS 3.1.

## SETUP GUIDE

Setting up your NETGEAR C7000-1AZNAS is a straightforward process. Follow these steps to get your modem router up and running.

### 1. Physical Connection:

1. Connect the coaxial cable from your wall outlet to the Cable In port on the modem router.
2. Connect the power adapter to the modem router and plug it into an electrical outlet.
3. Wait for the modem router to fully power on and for the indicator lights to stabilize.

## 2. Router Placement:

For optimal WiFi coverage, place your router in a central location at the highest point in your home, free from obstructions. Avoid placing it in confined areas like bookshelves, drawers, or basements.

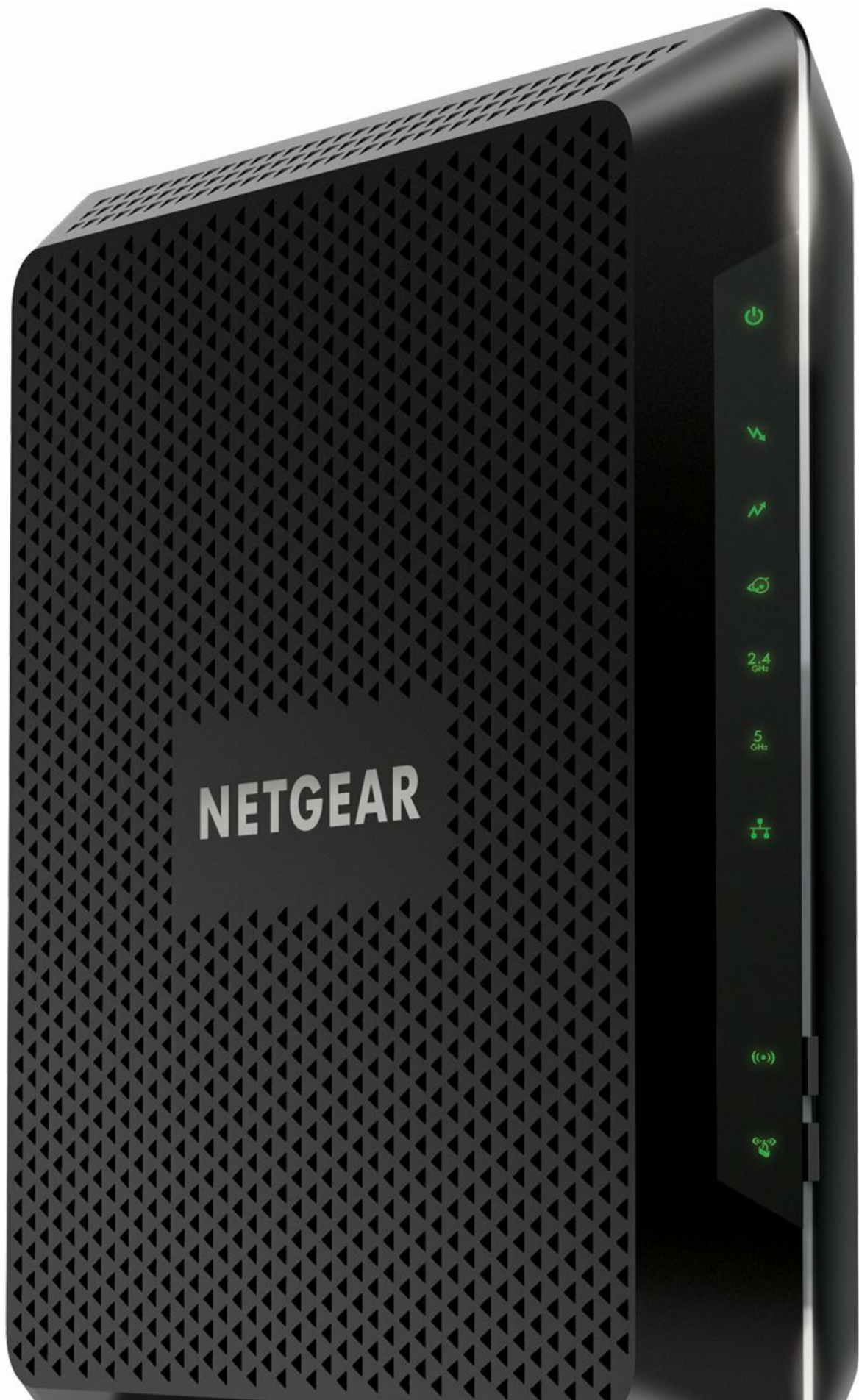




Image: The NETGEAR C7000-1AZNAS WiFi Cable Modem Router, shown upright on a stand, with indicator lights illuminated. This image illustrates the physical appearance and recommended upright placement of the device.

### 3. Activation with your Internet Service Provider:

You will need to activate your modem router with your internet service provider. This typically involves contacting them and providing the MAC address of your device, which can be found on a label on the modem router.

### 4. Using the Nighthawk App for Setup:

Download the NETGEAR Nighthawk app from your device's app store. The app provides a guided setup process, making it easy to configure your router settings, including WiFi network name (SSID) and password.

Your browser does not support the video tag.

Video: This video provides a comprehensive guide on how to use and set up cable modem routers, including the NETGEAR Nighthawk. It covers the initial connection steps and activation process, which is crucial for getting your device online.

## OPERATING YOUR DEVICE

---

Once set up, your NETGEAR C7000-1AZNAS offers various features to manage and optimize your home network.

### Dual and Tri-Band Technology:

Your router supports both 2.4 GHz and 5 GHz WiFi bands. The 2.4 GHz band offers wider coverage but is more susceptible to interference, while the 5 GHz band provides faster speeds and a more consistent connection over shorter distances. For activities like streaming and gaming, connecting devices within range to the 5 GHz band is recommended.

Your browser does not support the video tag.

Video: This official NETGEAR video provides tips on how to improve your wireless router home network, including optimal placement and understanding dual-band technology for better performance.

### NETGEAR Genie App Features:

The NETGEAR Genie app provides easy control and monitoring of your home network. Key functionalities include:

- **Changing SSID/Password:** Easily modify your WiFi network name and password.
- **ReadySHARE USB:** Connect a USB storage device (e.g., external hard drive) to your router to share files across your network or remotely.
- **ReadySHARE Printer:** Print wirelessly from any PC or Mac in your home by connecting a USB printer to your router.
- **Parental Controls:** Set limitations and manage internet access for devices on your network.
- **Network Map:** View all connected devices on your network.

## MAINTENANCE

---

Regular maintenance ensures your router operates at its best.

### Firmware Updates:

For optimal performance and security, keep your NETGEAR router's firmware updated to the latest version. You can check for and install updates through the NETGEAR Genie app or by accessing the router's web interface (routerlogin.net).

## TROUBLESHOOTING COMMON ISSUES

If you encounter issues with your network, consider the following troubleshooting steps:

- **Check Connections:** Ensure all cables (coaxial, Ethernet, power) are securely connected to the modem router and wall outlets.
- **Internet LED Status:** Verify that the Internet LED on your router is illuminated, indicating an active connection from your Internet Service Provider. If not, reboot your modem or contact your ISP.
- **WiFi Range Issues:** If experiencing dropped connections in certain areas, consider repositioning the router to a more central, elevated location or using a WiFi range extender.
- **Slow WiFi Speeds:** If multiple devices are connected and speeds are slow, try changing your wireless channel and mode settings via the router's interface or app.
- **Factory Reset:** As a last resort, performing a factory reset can resolve persistent issues. This will erase all custom settings. To perform a factory reset, ensure the router is powered on, then use a paperclip to press and hold the reset button on the back of the router for up to seven seconds.

Your browser does not support the video tag.

Video: This official NETGEAR video provides detailed instructions on how to troubleshoot common issues with your NETGEAR wireless router network, including connection problems and optimizing performance.

## TECHNICAL SPECIFICATIONS

Brand	NETGEAR
Series	C7000-1AZNAS
Item Model Number	C7000-1AZNAS
Wireless Type	802.11ac
Operating System	Netgear Genie
Item Weight	1.6 pounds
Product Dimensions	9.6 x 8.3 x 1.7 inches
Color	Black
Voltage	120-240 Volts
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi
Recommended Uses	Gaming

## PACKAGE CONTENTS

---

- Nighthawk AC1900 WiFi Cable Modem Router (C7000)
- Ethernet cable
- Quick install guide
- Power adapter

## WARRANTY AND SUPPORT

---

NETGEAR provides 90-day complimentary technical support for your product. For additional information, troubleshooting, or assistance, please visit the official NETGEAR support website.

**Support Website:** [support.netgear.com](https://support.netgear.com)