Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

NETGEAR C7000

NETGEAR Nighthawk AC1900 (C7000) WiFi Cable Modem Router Combo User Manual

Model: C7000

Product Overview

The NETGEAR Nighthawk AC1900 (C7000) is a high-performance DOCSIS 3.0 WiFi Cable Modem Router Combo designed to provide fast internet speeds and reliable wireless coverage for your home or small office. This device integrates a cable modem and a WiFi router into a single unit, helping to reduce equipment clutter and monthly rental fees from your internet service provider.





Image: Front view of the NETGEAR Nighthawk AC1900 C7000 WiFi Cable Modem Router Combo, showcasing its sleek black design and indicator lights.

Package Contents

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

Setup Instructions

Follow these steps to set up your NETGEAR Nighthawk C7000 modem router combo:

1. **Check Compatibility:** Ensure your internet service provider (ISP) is compatible with the C7000. This device is compatible with major cable internet providers including Xfinity by Comcast, COX, and Spectrum. It is NOT compatible with Verizon, AT&T, CenturyLink, DSL providers, DirecTV, DISH, or Cable bundled voice services.



Image: Visual representation of the NETGEAR C7000's compatibility with major cable internet providers like Cox, Xfinity, and Spectrum.

2. **Connect Coaxial Cable:** Connect one end of the coaxial cable to the cable wall outlet and the other end to the Cable port on the back of your C7000.
3. **Connect Power Adapter:** Connect the power adapter to the modem router and plug it into a power outlet. Wait for the Power LED on the front of the device to turn solid green.
4. **Connect Ethernet Devices (Optional):** For wired connections, use an Ethernet cable to connect your computer, game console, or other network devices to any of the four Gigabit Ethernet ports on the back of the C7000.
5. **Connect USB Devices (Optional):** For storage devices, connect them to the USB port.

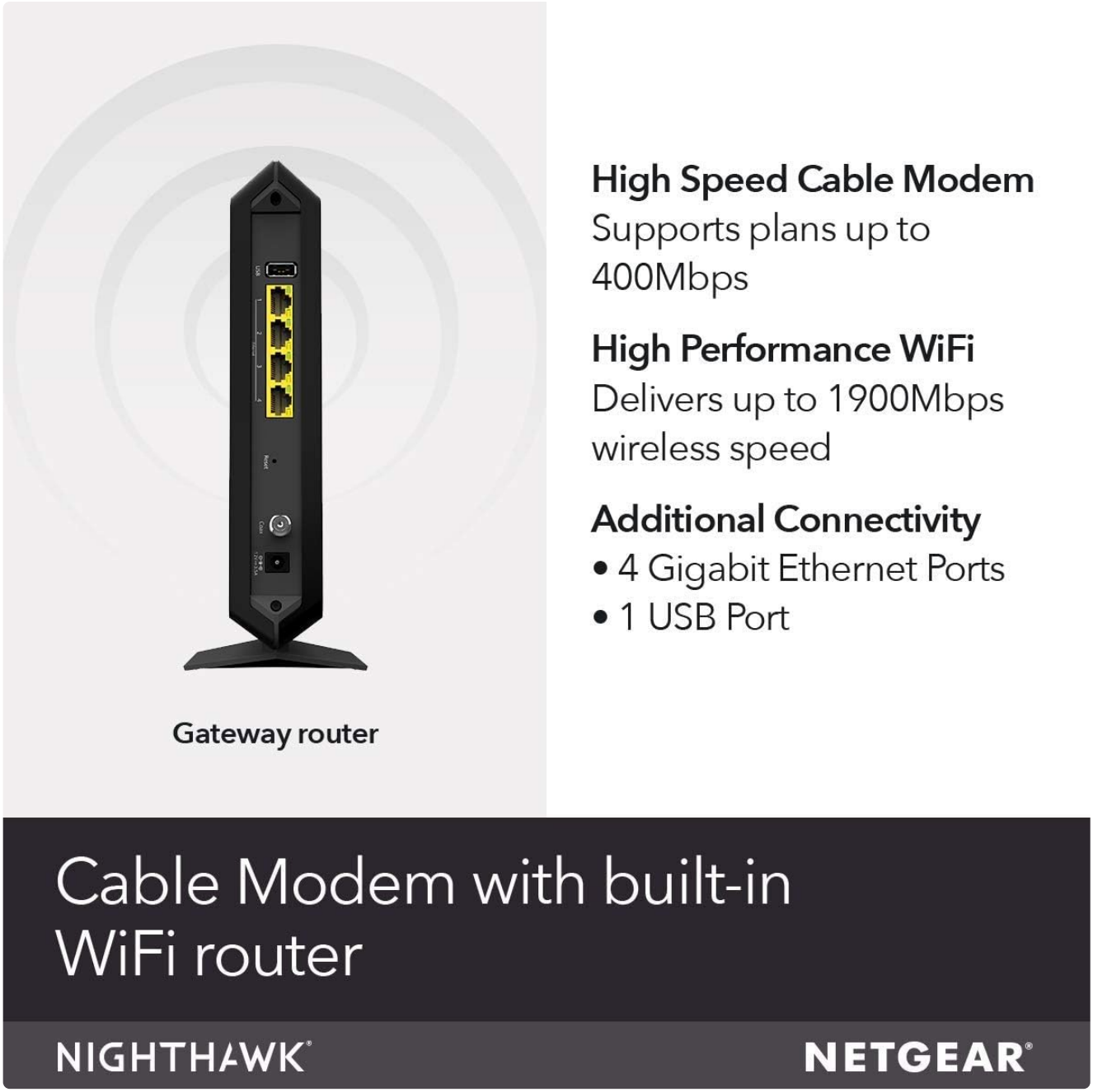


Image: Rear view of the NETGEAR C7000, highlighting the coaxial cable input, four Gigabit Ethernet ports, and one USB port for versatile connections.

6. **Activate Your Internet Service:**
    - Open a web browser on a computer or mobile device connected to the C7000 (either via Wi-Fi using the default SSID and password on the device label, or via Ethernet).
    - You should be redirected to your ISP's activation page. If not, typerouterlogin.net or 192.168.0.1 into your browser's address bar.
    - Follow the on-screen instructions to activate your internet service. This process may take several minutes.
    - If you encounter issues, contact your ISP's customer support and inform them you are setting up a new DOCSIS 3.0 cable modem.

Operating Your Device

Once activated, your NETGEAR Nighthawk C7000 will provide both wired and wireless internet access.

Wi-Fi Connectivity

The C7000 offers dual-band Wi-Fi (2.4 GHz and 5 GHz) for optimal performance. The default Wi-Fi network name (SSID) and password are provided on a label on the device.

- **Connecting Devices:** On your Wi-Fi enabled device (smartphone, tablet, laptop), search for available Wi-Fi networks and select the SSID corresponding to your C7000. Enter the Wi-Fi password when prompted.
- **Wi-Fi Coverage:** The C7000 provides Wi-Fi coverage up to 1800 sq ft and can connect up to 30 devices simultaneously.

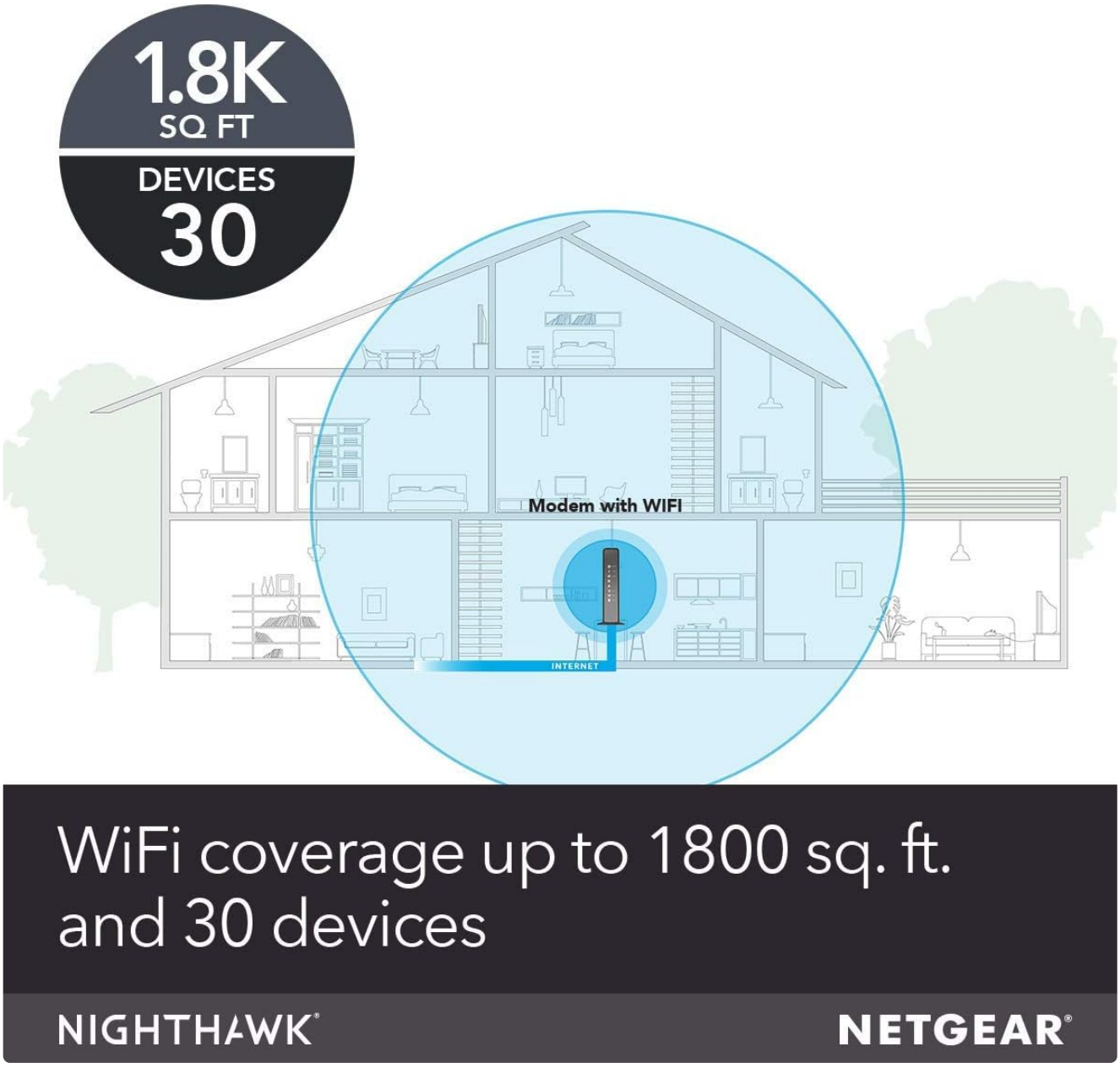


Image: Diagram illustrating the Wi-Fi coverage of up to 1800 sq ft and support for up to 30 devices within a typical home environment.

- **Optimizing Performance:** For best Wi-Fi performance, place the modem router in a central location, away from obstructions and interference sources (like cordless phones or microwaves).

Accessing Router Settings

To manage your network settings, such as changing Wi-Fi names or passwords, setting up parental controls, or configuring advanced features:

1. Open a web browser and go to routerlogin.net or 192.168.0.1.
2. Enter the default username (admin) and password (password) when prompted. It is highly recommended to change the default password for security reasons.

3. From the router's web interface, you can customize various settings. Note that the NETGEAR Nighthawk app may not fully support this specific model; using a web browser for configuration is often more reliable.

Maintenance

Regular maintenance helps ensure optimal performance and longevity of your device:

- **Ventilation:** Ensure the modem router is placed in a well-ventilated area to prevent overheating. Avoid placing it in enclosed spaces or stacking other devices on top of it.
- **Firmware Updates:** Periodically check for firmware updates through the router's web interface. Firmware updates can improve performance, add new features, and enhance security.
- **Cleaning:** Gently clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Restarting:** If you experience slow speeds or connectivity issues, try restarting the modem router by unplugging it from the power outlet for 10 seconds and then plugging it back in.

Troubleshooting

Here are solutions to common issues you might encounter:

- **No Internet Connection:**
  - Check all cable connections (coaxial, Ethernet, power) to ensure they are secure.
  - Verify that the Power, Downstream, Upstream, and Internet LEDs on the front of the C7000 are solid green. If any are blinking or off, there might be an issue with your ISP connection.
  - Restart the modem router and your computer/device.
  - Contact your ISP to confirm service status in your area.
- **Slow Internet Speeds:**
  - Ensure your internet plan supports the speeds you expect. The C7000 supports cable provider plans up to 800 Mbps.

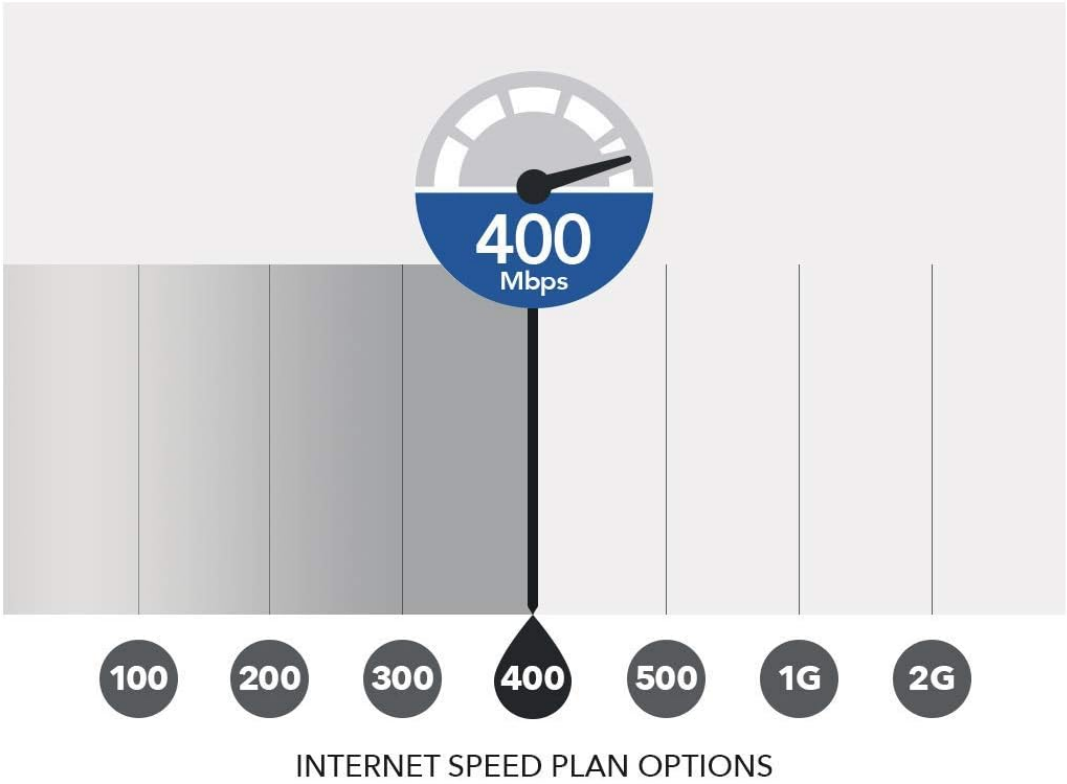


Image: Graphic illustrating various internet speed plan options, with the NETGEAR C7000 supporting plans up to 400 Mbps (note: product description states up to 800 Mbps).

- Reduce the number of connected devices or bandwidth-intensive activities (e.g., 4K streaming, large downloads).
- Consider placing the modem router in a more central location to improve Wi-Fi signal strength. For multi-story homes, a single router might not cover all floors effectively, and a Wi-Fi extender may be necessary for optimal coverage on all levels.
- Check for firmware updates.

- **Wi-Fi Disconnections:**
  - Ensure your devices are within the Wi-Fi range.
  - Check for interference from other electronic devices.
  - Try changing the Wi-Fi channel in the router settings to avoid congestion.

- **Accessing Router Settings Issues:**
  - If routerlogin.net doesn't work, try 192.168.0.1.
  - Ensure you are using the correct username and password. If you changed it and forgot, you may need to perform a factory reset (refer to the quick install guide for instructions).
  - Some users report better compatibility with web browsers like Chrome or Safari for initial setup and configuration, rather than specific mobile apps.

Specifications

Feature	Detail
Model	C7000
DOCSIS Standard	3.0 (24x8 Channel Bonding)
Wi-Fi Standard	802.11ac (AC1900)
Frequency Band Class	Dual-Band (2.4 GHz & 5 GHz)
Max Internet Speed Support	Up to 800 Mbps (ISP plan dependent)
Wi-Fi Coverage	Up to 1800 sq ft
Connected Devices	Up to 30 devices
Ethernet Ports	4 Gigabit Ethernet ports
USB Ports	1 USB port (for storage devices)
Dimensions	11.02 x 3.94 x 11.65 inches
Item Weight	1.6 pounds
Input Voltage	120 - 240V
Security Protocols	WEP, WPA/WPA2
Special Features	Alexa Compatible, Parental Control

Warranty and Support

For warranty information, technical support, and additional resources, please visit the official NETGEAR support website. You can typically find detailed FAQs, troubleshooting guides, and contact options for customer service there.
Refer to the quick install guide included in your package for initial support contact details.

© 2025 NETGEAR. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07WMRBGC7

More documents and user manuals: **https://manuals.plus/**