NETGEAR®

Nighthawk™—AC1900 WiFi Cable Modem Router

Performance & Use

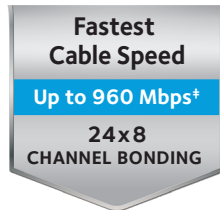**Fastest Cable Speed**
Up to 960 Mbps‡
24x8 CHANNEL BONDING

xfinity®

- AC1900 WiFi—up to 1.9 Gbps
- 1.6GHz combined processor speed boosts performance for streaming & gaming
- Two-in-One—Cable Modem + WiFi Router
- Save up to $120 a year[1]—No rental fees
- Ideal for Comcast XFINITY® Blast/Extreme Internet plans & more
- Beamforming+ for whole home HD coverage
- 24x8 Channel Bonding enables up to 960 Mbps‡ download speeds

WIFI CABLE MODEM ROUTER

- Two-in-One—Cable Modem + WiFi Router
- Save up to $120 a year[1]—No rental fees
- Required for the fastest Internet speed tiers from Cable service providers
- Highly reliable—Maintains download speeds during peak Internet usage hours
- 24x8 Channel Bonding technology enables up to 960 Mbps‡ download speeds
- Ideal for Comcast XFINITY® Blast/Extreme Internet plans & more

STREAMING & GAMING

- Max WiFi speed up to 1.9 Gbps with AC1900
- Powerful 1.6GHz combined processor boosts performance for streaming & gaming
- Enjoy uninterrupted HD video streaming with AC1900 WiFi and 24x8 channel bonding
- Beamforming+ for whole home HD coverage
- Access & share stored media via USB port
- Find & play stored media on TVs & game consoles via DLNA® server
- Parental Controls for safer web surfing

MOBILE

- Beamforming+ boosts speed & range for all your mobile WiFi devices
- High-powered amplifiers increase range for mobile devices throughout your home
- Print from an iPad® or iPhone® with NETGEAR genie® making any printer AirPrint® compatible
- EZ Mobile Connect—Scan a QR code to connect to your home Network

[1]Based on a typical monthly equipment rental fee of $10 per month.

NETGEAR®

Nighthawk™—AC1900 WiFi Cable Modem Router

Speed

Get the fastest WiFi currently available on WiFi cable modem routers & enjoy a blazing-fast, lag-free WiFi experience for gaming, video streaming or surfing.

EXTREMELY FAST WIFI—Up to 1.9 Gpbs combined WiFi speed for extreme gaming and streaming

DOCSIS 3.0—Up to 24 times faster cable Internet speeds than 2.0

CHANNEL BONDING—Extremely fast cable Internet speeds during peak hours

GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds

GIGABIT WIRED—Ideal for HD gaming & video

PROCESSOR—1.6GHz combined processor speed boosts wireless, wired, and WAN-to-LAN

WiFi Range

Homes come in all shapes & sizes & Nighthawk AC1900 WiFi Cable Modem Router provides WiFi coverage no matter where you connect in your home.

ULTIMATE RANGE—WiFi coverage throughout very large homes

BEAMFORMING+—Boosts speed, reliability, & range of WiFi connections

ANTENNAS—High-powered amplifiers & three dual band internal antennas

Sharing

With NETGEAR, sharing across your network is fun & easy, anything from accessing stored data, media, photos & music to wireless printing.

DLNA®—Find & play your media on DLNA TVs & game consoles

READYSHARE® USB—Share your USB hard drive & printer

Reliable Connections

There's nothing more frustrating than dropped connections! With NETGEAR's advanced features & best-in-class technology, you'll reduce interference & enjoy more reliable WiFi connectivity.

SIMULTANEOUS DUAL BAND—Reduces interference for better connections to more WiFi devices

BEAMFORMING+—Boosts speed, reliability, & range of WiFi connections

NETGEAR®

Ease Of Use

Start enjoying your new device faster than ever. NETGEAR wants to make sure installation & management is simple & easy, so you can connect quickly & make sure you stay that way!

EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers

NETGEAR GENIE® APP—Personal dashboard to monitor, control & repair your home network

PUSH 'N' CONNECT—Easy push button WiFi connections (WPS)

WIFI & POWER ON/OFF—Convenient power savings

Security

Maintain the highest security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware or just limiting access for kids & guests, NETGEAR has you covered.

PARENTAL CONTROLS—Web site filtering for all your connected devices

GUEST NETWORK ACCESS—Separate & secure access for guests

SECURE WIFI CONNECTIONS—Highest level wireless security with WPA/WPA2

FASTER INTERNET DURING PEAK HOURS

8x4 Channel Bonding

24x8 Channel Bonding

ISP

50 Mbps

200 Mbps

The Benefits of 24x8 Channel Bonding

Like lanes on a highway, cable Internet providers use data channels to deliver the Internet to your home. The more channels your cable modem router has, the more you avoid peak congestion, maintain fast download speeds and get the most reliable Internet connection. The Nighthawk WiFi Cable Modem Router supports industry-leading 24 downstream channels and the fastest cable Internet speed tiers.

BEAMFORMING+

For more reliable connections.

BEAMFORMING+—FOR MORE RELIABLE CONNECTIONS

Unlike typical WiFi routers that just blast the WiFi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the WiFi signal to the device. The result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- Focuses WiFi signals from the wireless router to WiFi devices like smartphones, tablets & laptops
- Automatic signal management checks with your device to keep WiFi signal at its optimal strength
- Designed for home environments to support multiple WiFi device connections for highest quality
- Extends WiFi coverage, reduces dead spots, & boosts signal strength
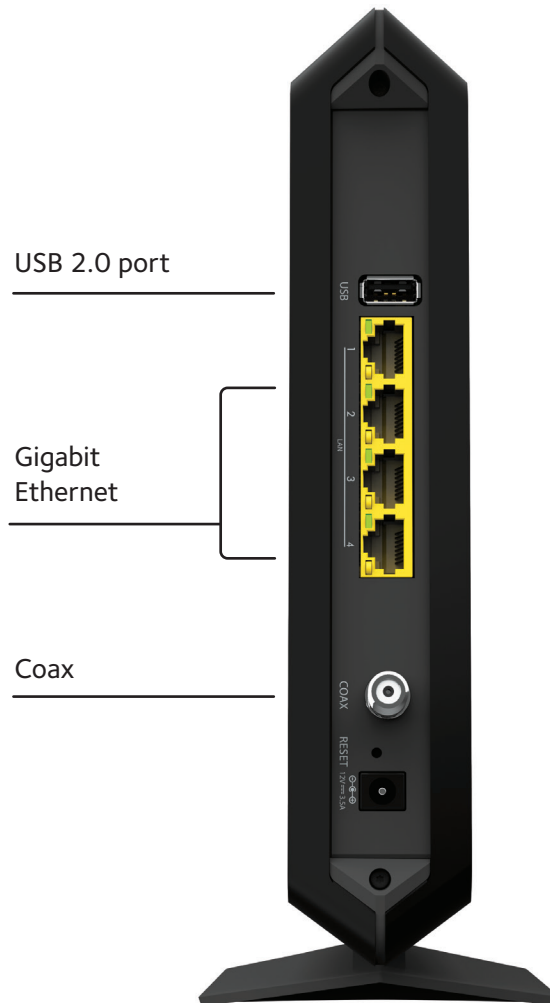- Beamforming+ boosts speed, reliability & range for WiFi devices

NETGEAR genie®—HOME NETWORKING SIMPLIFIED

NETGEAR genie makes getting the most out of your home network fun & easy. Installation is almost effortless – just by opening a browser, genie helps you setup your NETGEAR WiFi Router & connect all of your WiFi devices. Genie also allows you to easily monitor, connect & control your home network from a PC, Mac, tablet or smartphone. With NETGEAR genie you can share & stream music or videos, diagnose & repair network issues, set up parental controls & more.

- Home network manager
- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®
- MyMedia™—Find & play media files in your network
- EZ Mobile Connect—Scan QR code to connect to your home network
- Turbo Transfer—Quickly transfer files within your home network across various devices 40% faster than normal file transfers
- For PC, Mac®, iPhone®, iPad®, & Android™ devices

NETGEAR®

Connection Diagram

USB 2.0 port

Gigabit
Ethernet

Coax

Nighthawk™—AC1900 WiFi Cable Modem Router

PACKAGE CONTENTS

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

PHYSICAL SPECIFICATIONS

- Dimensions: 9.66 x 8.31 x 1.7 in
- Weight: 1.6 lb

WARRANTY

- NETGEAR 1-year limited warranty. For details www.netgear.com/about/warranty/

SUPPORT

- 24/7 basic technical phone support for 90 days from date of purchase*

TECHNICAL SPECIFICATIONS

- Built-in high-speed DOCSIS® 3.0 24x8 Channel Bonding Cable Modem
- 24 downstream & 8 upstream channels
- AC1900 (600 Mbps @2.4GHz with 256 QAM support +1300 Mbps @5GHz 11ac)†
- Simultaneous Dual Band WiFi—Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Beamforming+—For more reliable connections on 2.4 and 5GHz bands
- Powerful 1.6GHz combined processor
- Memory: 128 MB flash and 256 MB RAM
- ReadySHARE® USB—Share your USB hard drive and printer
- IPv6 support (Internet Protocol Version 6)

SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher

SECURITY

- Customized free URL to set up personal FTP server
- Guest network access—separate & secure
- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

STANDARDS

- One (1) USB 2.0 port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5GHz
- Four (4) 10/100/1000 Mbps— (4 LAN) Gigabit Ethernet ports

*24/7 basic technical phone support provided for 90 days from date of purchase.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary.

Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards. 802.11ac 1900 Mbps is approximately 3x faster than 802.11n 450 Mbps. Up to 1900 Mbps wireless speeds achieved when connecting to other 802.11ac 1900 Mbps devices.

‡Maximum rate is derived from DOCSIS® 3.0 specifications and actual throughput will vary depending on your Internet subscription with your provider. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network. This product not compatible with Cable bundled voice services.

For indoor use only.

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, 1-888-NETGEAR (638-4327), E-mail: info@NETGEAR.com, www.NETGEAR.com   D-C7000-2