

**NIGHTHAWK®**

## Nighthawk® AC1900 Dual Band Gigabit WiFi Router



## Leading the New Era of WiFi

Nighthawk® AC1900 Dual Band Gigabit WiFi Router is powered by high-power amplifiers and antennas to extend your WiFi coverage. Blazing-fast combined WiFi speeds up to 600+1300Mbps<sup>†</sup> and 1GHz Dual Core Processor for extended

range. Smart Connect intelligently selects the fastest 2.4 or 5GHz WiFi band for each device in your home for optimal speeds. Stop buffering and start enjoying ultra-smooth streaming, online gaming, and more.

Get best-in-class cybersecurity with NETGEAR Armor™ to protect your family from malware, stolen passwords, identity theft, and hacker attacks. Manage content and time online with Circle® Smart Parental Controls.

**NETGEAR®**

**NIGHTHAWK®****Nighthawk® AC1900 Dual Band Gigabit WiFi Router****GAMING | FOR THE WIN**

Avoid character freezing & enjoy lag-free gaming with the ultimate in 11AC speed & performance. Nighthawk® delivers AC1900 WiFi, a powerful dual core processor, & advanced upstream QoS for optimized game play on consoles. When microseconds count, let Nighthawk® accelerate your game. For the win.

**STREAMING | ULTIMATE HD**

Stop buffering and start enjoying uninterrupted streaming media. With features like Advanced QoS and Beamforming+ server you'll begin to stream like you mean it. Access your stored media quickly with USB 3.0.

**MOBILE | FASTER & FARTHER**

Improve your mobile WiFi speeds by up to 100% with Nighthawk! High-power amplifiers & antennas help extend WiFi coverage throughout large homes & even backyards. For the first time Beamforming+ focuses WiFi signals to both 2.4 & 5GHz devices. With signals locked onto your device, experience what it really means to be mobile!

**NETGEAR®**

**NIGHTHAWK®****Nighthawk® AC1900 Dual Band Gigabit WiFi Router****Speed**

Get super fast WiFi & enjoy a blazing-fast, lag-free WiFi experience for gaming, video streaming or surfing.



**EXTREMELY FAST WIFI**—Up to 600+1300Mbps†



**GIGABIT WIFI**—Next-generation WiFi now at Gigabit speeds



**GIGABIT WIRED**—Ideal for HD gaming & video



**DUAL CORE PROCESSOR**—Dual core 1GHz processor boosts wireless, wired & WAN-to-LAN performance

**WiFi Range**

Faster and expanded coverage throughout your home and for all your devices.



**ULTIMATE RANGE**—WiFi coverage throughout very large homes



**ANTENNAS**—3 external antennas

**Sharing**

With NETGEAR, sharing across your network is fun and easy, anything accessing stored photos & music. And make sure you keep it safe by using ReadyCLOUD USB access application for backing up Windows-based PCs.



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



**READYSHARE® USB ACCESS**—Wirelessly access & share USB hard drive via the USB port



**ONE SUPERSPEED USB 3.0 PORT**—Up to 10x faster than USB 2.0



**READYCLOUD® USB ACCESS**—Enjoy personal & secure cloud access to USB storage anytime, anywhere

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### Reliable Connections

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



**BEAMFORMING+**—Boosts speed, reliability, & range of WiFi connections for 2.4 & 5GHz bands



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



**ADVANCED QoS**—Downstream & upstream QoS automatically recognizes & prioritizes streaming & gaming applications



**AIRTIME FAIRNESS**—Prevent network lag when slower devices connect

### Ease Of Use

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



**NIGHTHAWK APP**—Easily set up your router and get more out of your WiFi. Includes remote access to manage your network away from home

### Security

Maintain high 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.



**VPN SUPPORT**—OpenVPN Connect app on iOS and Android® allows remote secure access to the home network



**SECURE WIFI CONNECTIONS**—Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)



**CIRCLE® PARENTAL CONTROLS**—The smart way for families to manage content and time online, on any device



**GUEST NETWORK**—Separate and secure network for your guests



**PERSONAL FTP SERVER**—Customized free URL to create FTP server

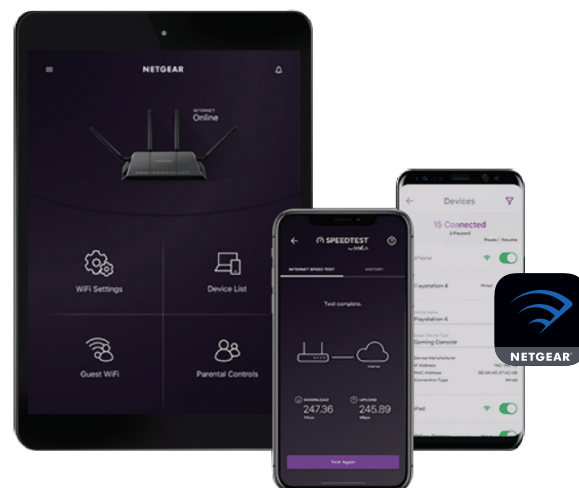
# NIGHTHAWK®

## Nighthawk® AC1900 Dual Band Gigabit WiFi Router

### Nighthawk® App

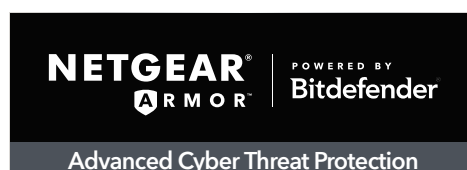
The NETGEAR Nighthawk® App makes it easy to set up your router and get more out of your WiFi, with the app, you can install your router in a few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to pause the Internet on your connected devices, run a quick Internet speed test, setup smart parental controls and much more.

- Remote Management—Easily monitor your home network anytime, anywhere
- Internet Speed Test—Check the broadband speeds from your service provider
- Pause Internet—Pause the Internet to any device
- Traffic Meter—Track Internet data usage
- Guest Networks—Setup separate WiFi access for guests
- Quick Setup—Get connected in just minutes



### NETGEAR Armor™

NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your home network or take action on vulnerabilities as they are discovered easily through the Nighthawk App.



### Powerful Security On Your NETGEAR Router



**ANTIVIRUS & RANSOMWARE PROTECTION**—Keeps you safe from phishing and online fraud



**VULNERABILITY ASSESSMENT**—Scans and identifies network security flaws



**BITDEFENDER TOTAL SECURITY 2019**—Protects all connected devices at home and on-the-go



**STAY SAFE EVEN WHEN AWAY FROM HOME WIFI**—Stay in the know with Nighthawk App. Anywhere, anytime



# NIGHTHAWK®

## Nighthawk® AC1900 Dual Band Gigabit WiFi Router

**circle®** Circle is the smart way for families to manage content and time online, on any connected device. With the Circle app, you can easily:

- Limit daily Internet time for websites, apps, and more
- Set a BedTime for your family's devices
- Set individual filter for each family member that matches their age and interests
- Pause Internet by device or by user with a press of a button
- Schedule specific 'no internet' times with OffTime
- Check out where your family spends time online
- Reward kids with extended Time Limits, no OffTime, and a late BedTime for the day
- Use voice commands to ask Alexa™ about Time Limits and Usage

Learn more [netgear.com/circle](http://netgear.com/circle)

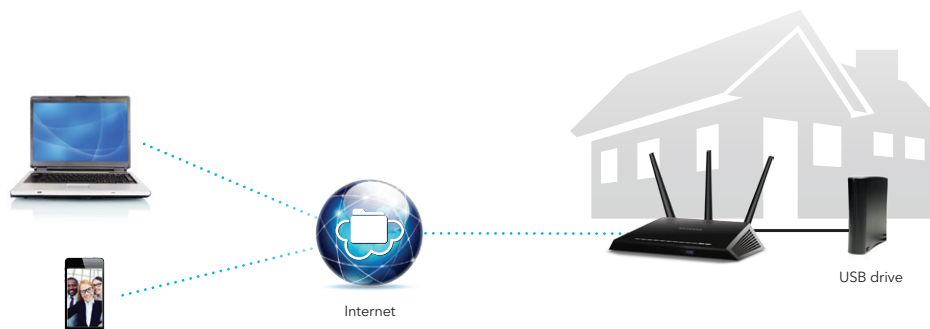
### Key Features:



### ReadyCLOUD® USB Access—Access Your Files Wherever, Whenever

Access and share your files via secure, personal cloud storage with NETGEAR ReadyCLOUD® USB Access. Once you've connected your USB drive to your NETGEAR Nighthawk® router and uploaded all your favorite files, you can enjoy the convenience and accessibility anytime & anywhere you have an Internet connection. No fees, storage limitations, or privacy concerns of cloud storage services. Using the ReadyCLOUD mobile app or web portal, you'll now have anytime, anywhere access to your USB drive at home... it's that easy!

- Setup your and access ReadyCLOUD via the web portal <http://readycloud.netgear.com/>
- Download mobile app for Android <https://play.google.com/store/apps/details?id=com.netgear.readycloud&hl=en>
- Download mobile app for iOS <https://itunes.apple.com/us/app/readycloud/id700730254?mt=8>



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Connection Diagram



# NIGHTHAWK®

## Nighthawk® AC1900 Dual Band Gigabit WiFi Router

### Package Contents

- Nighthawk® AC1900 Smart WiFi Router (R6900)
- Three (3) detachable antennas
- Ethernet cable
- Quick start guide
- Power adapter, localized to country of sale

### Physical Specifications

- Dimensions: 11.22 x 7.26 x 1.97 in (285 x 184.5 x 50 mm)
- Weight: 1.65lbs (750g)

### Technical Specifications

- AC1900 (600Mbps @2.4GHz with 256 QAM support +1300Mbps @5GHz 11ac)<sup>†</sup>
- Simultaneous Dual Band WiFi—Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Implicit & Explicit Beamforming
- Powerful Dual-Core 1GHz processor
- Memory: 128 MB Flash and 256 MB RAM
- Three (3) external antennas with high powered amplifiers
- Five (5) 10/100/1000Mbps - 1 WAN & 4 LAN Gigabit Ethernet ports
- One (1) USB 3.0 Port
- IPv6 Support (Internet Protocol Version 6)
- On/Off LED lights option

### Standards

- One (1) USB 3.0 port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000Mbps—(1 WAN & 4 LAN) Gigabit Ethernet ports

### Key Features

- Advanced QoS—Automatically recognizes & prioritizes applications
- ReadySHARE® USB—Share your USB hard drive
- ReadyCLOUD® USB Access—Enjoy personal & secure cloud access to USB storage
- Customized free URL to set up personal FTP server
- VPN support—Secure remote access. Now also on Mobile devices
- Guest network access—Separate & secure
- Implicit & Explicit Beamforming—More reliable connections
- Nighthawk App—Easily set up your router and get more out of your WiFi
- NETGEAR Armor—Advanced cyber threat protection for your home and all your devices
- Circle Smart Parental Controls—Manage content and time online

### Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller
- Join the NETGEAR Community Forum. Visit <http://community.netgear.com>

### System Requirements

- Microsoft® Windows 7, 8, 10, 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

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention
- VPN Support—Secure access to your home network away from home

### Warranty

- [www.netgear.com/warranty/](http://www.netgear.com/warranty/)
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: [prosupport.netgear.com/home](http://prosupport.netgear.com/home)

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

This router does not support all the mandatory features, such as Uplink OFDMA, as ratified in Draft 3.0 of IEEE 802.11AX specification.

<sup>†</sup> Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

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NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, [www.NETGEAR.com/support](http://www.NETGEAR.com/support)

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