

**NIGHTHAWK®**

Nighthawk® AC2300 Cybersecurity WiFi Router



## Complete Protection for All Devices from Internet Threats

Three years of NETGEAR Armor™ subscription included

Secure every device on your network with Nighthawk® AC2300 Cybersecurity Router (RS400). The Nighthawk Cybersecurity Router, with built-in NETGEAR Armor™, is the first line of defense against cyber threats such as viruses, malware, spyware, ransomware, phishing, and Internet

scams. Includes award-winning Bitdefender® Total Security for unlimited number of Windows®, Mac®, iOS, and Android® devices to protect you even on public WiFi. Whether you're using your smartphone, tablet, smart TV or have your WiFi thermostats and security cameras on, rest assured

that you're digitally secured. Use Circle® Smart Parental Controls to set daily online time limits and create a safer online experience for your children. Powerful dual-core 1GHz processor and combined wireless speeds up to 2.3Gbps provide a strong wireless performance throughout the home.

**NETGEAR®**

# NIGHTHAWK®

## Nighthawk® AC2300 Cybersecurity WiFi Router

### Complete Protection from Internet Threats

- Advanced Threat Detection—Identifies and blocks viruses, spyware, ransomware, malicious links, and other Internet scams
- Smart Home Vulnerability Scans—Regularly scans all connected devices at home to ensure they are not vulnerable to hackers
- Data Theft Protection—If your mobile device is ever lost or stolen, NETGEAR Armor allows you to locate, lock, and wipe data on your smartphone or computer remotely
- Instant Alerts—Immediate notifications on your smartphone or computer alert you when threats are detected and blocked
- Proven Cyber Security—NETGEAR Armor™ is powered by award-winning cyber security provider Bitdefender®



### High-Performance WiFi

- Super-fast WiFi speeds - up to 2.3Gbps
- Extreme WiFi coverage with high-power amplifiers & external antennas
- Less buffering for uninterrupted video streaming & lag-free gaming
- Simultaneous streaming to multiple devices using MU-MIMO technology
- Focused WiFi & increased performance with Beamforming+
- Dual-core 1GHz processor boosts overall network performance



### Mobile | Faster & Farther

- High-power amplifiers & antennas help extend WiFi coverage throughout large homes & even backyards
- Beamforming+ focuses WiFi signals to both 2.4 & 5GHz devices. With signals locked onto your device, experience what it really means to be mobile!



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### 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+1625Mbps†



**SMART CONNECT**—Automatically selects the best dual band WiFi connection for optimal wireless speed



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



**MU-MIMO**—Go faster by simultaneously streaming to multiple devices



**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



**HIGH-POWER ANTENNAS**—High-power amplifiers with 3 external antennas

### Sharing

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



**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

# NIGHTHAWK®

## Nighthawk® AC2300 Cybersecurity WiFi Router

### 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



**DYNAMIC QoS**—Dynamic QoS automatically recognizes & prioritizes streaming & gaming applications

### 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!



**SMART CONNECT**—Intelligently selects the fastest WiFi band for every device connection. One WiFi name for the entire home



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



**VOICE CONTROLLED BY AMAZON ALEXA™**—Control your NETGEAR WiFi network with simple voice commands

### 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.



**NETGEAR ARMOR™**—Complete home and device protection from Internet threats



**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)



**PARENTAL CONTROLS**—Circle™ with Disney - the smart way for families to manage content and time online, on any device



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



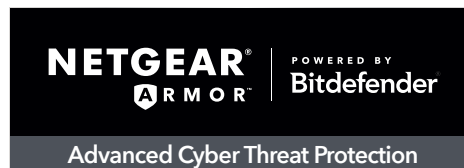
**AUTOMATIC FIRMWARE UPDATE**—Delivers latest security patches to the router



**SECURE CONNECTION**—Connect to router via secure connection over HTTPS

**NETGEAR Armor™**

NETGEAR Armor™ provides a critical layer of online security for every device connected to the router. By actively blocking known malicious sites and applications, NETGEAR Armor safeguards you from cyber threats such as ransomware, malware, phishing and more. Includes Bitdefender® Total Security to protect all of your family's iOS, Android, Mac OS® and Windows devices, even when on public WiFi. Unlimited number of connected devices are covered, including all smart home devices.\*

**Best-in-Class Antivirus & Data-Theft Protection**

**ADVANCED THREAT DETECTION**—Identifies and blocks viruses, spyware, ransomware, malicious links, and other Internet scams



**SMART HOME VULNERABILITY SCANS**—Regularly scans all connected devices at home to ensure they are not vulnerable to hackers



**DATA THEFT PROTECTION**—If your mobile device is ever lost or stolen, NETGEAR Armor allows you to locate, lock, and wipe data on your smartphone or computer remotely



**INSTANT ALERTS**—Immediate notifications on your smartphone or computer alert you when threats are detected and blocked

# NIGHTHAWK®

## Nighthawk® AC2300 Cybersecurity WiFi Router

### Circle® with Disney



Circle with Disney 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:



FILTERS



TIME LIMITS



BEDTIME



USAGE



PAUSE



OFF TIME



REWARDS



HISTORY



CONNECTIONS

# NIGHTHAWK®

## Nighthawk® AC2300 Cybersecurity 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, set up smart parental controls and much more.

- Set up your WiFi in minutes
- Pause WiFi on any device
- Monitor your home network from anywhere
- Test your service provider Internet speed
- Track Internet data usage
- Set up separate guests network
- Protect your devices from cyber threats, block malware & more with NETGEAR Armor™
- Manage content & time online, on any device with Circle® with Disney parental controls



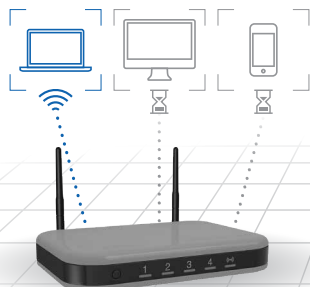


### Multi-User MIMO (MU-MIMO)

Traditional WiFi routers can stream data to only one device in the home at a time. When multiple devices are connected to the router, each device needs to take its turn, and then wait before receiving more data. This can lead to slower network and Internet speeds. Using Multi-User MIMO technology, NETGEAR routers can stream data to multiple devices simultaneously. With MU-MIMO, your WiFi network can deliver faster throughput to every MU-MIMO connected device. That means faster downloads and smoother streaming for your devices.

## Enjoy simultaneous streaming with MU-MIMO

Data sent to one device at a time



Traditional WiFi

Data sent to multiple devices simultaneously

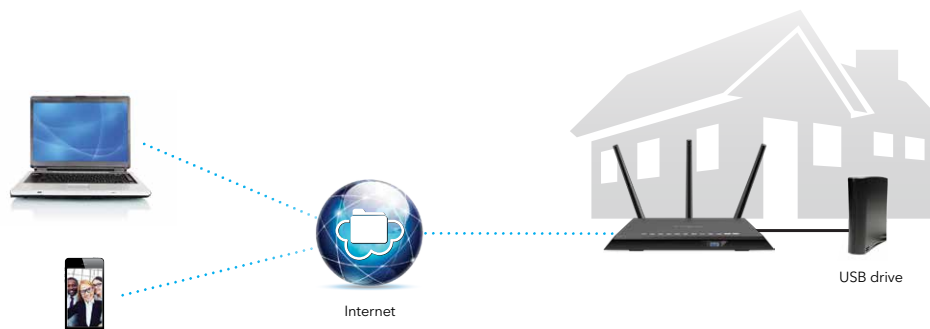


MU-MIMO WiFi

### 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® AC2300 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!

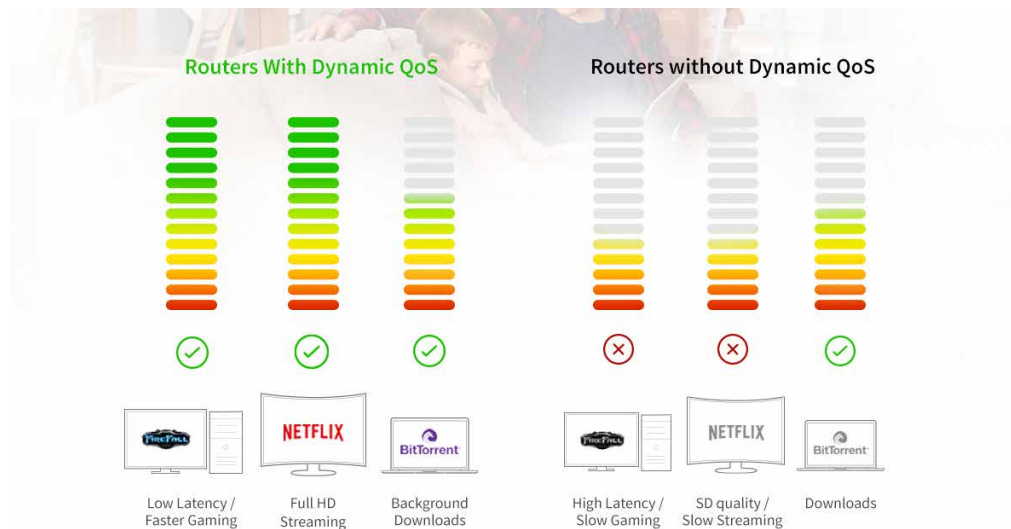
- Set up your and access ReadyCLOUD via the web portal <http://readycloud.netgear.com/>
- Download mobile app for Android <https://play.google.com/store/apps/details?id=com.netgear.readycloud&hl=en>
- Download mobile app for iOS <https://itunes.apple.com/us/app/readycloud/id700730254?mt=8>



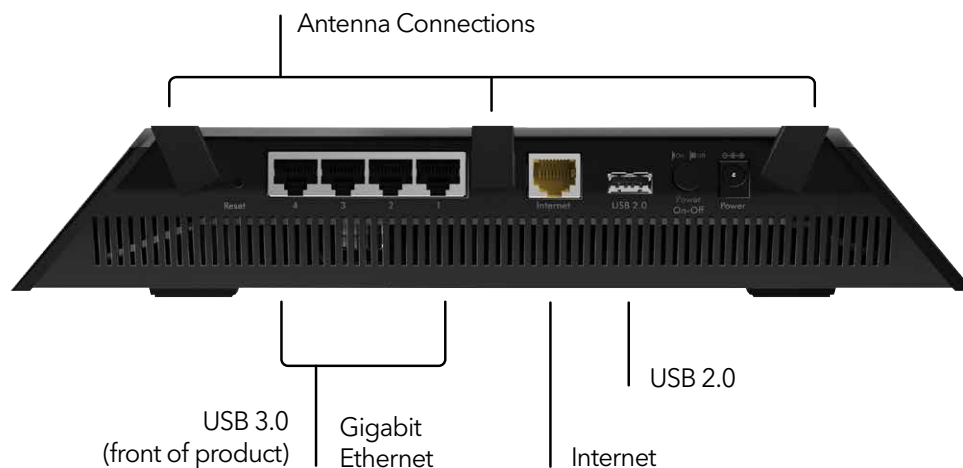


## Dynamic Quality Of Service

If you like gaming and streaming videos, then you'll benefit from Dynamic Quality of Service (QoS). Dynamic QoS resolves Internet traffic congestion when you have competing Internet demands at home. Dynamic QoS identifies your online activities by application and device, and then utilizes bandwidth allocation, and traffic prioritization techniques, to automatically allocate more bandwidth to latency sensitive applications like online gaming and video streaming, while ensuring that lower priority applications continue to work.



## Connection Diagram



# NIGHTHAWK®

## Nighthawk® AC2300 Cybersecurity WiFi Router

### Package Contents

- Nighthawk® AC2300 Cybersecurity WiFi Router (RS400)
- 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

- AC2300 WiFi†
  - Band 1: 600Mbps @2.4GHz
  - Band 2: 1625Mbps @5GHz
- Simultaneous Dual Band WiFi
  - Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
  - IEEE® 802.11 b/g/n 2.4 GHz
  - IEEE® 802.11 a/n/ac 5.0 GHz - 1024 QAM support
- Powerful dual-core 1GHz processor
- Memory: 128 MB flash and 256 MB RAM
- Three (3) external antennas with high-power amplifiers
- Five (5) 10/100/1000Mbps
  - 1 WAN & 4 LAN Gigabit Ethernet ports
- Two (2) USB ports --1 USB 3.0 & 1 USB 2.0 port
- IPv6 Support (Internet Protocol Version 6)
- On/Off LED lights option

### Key Features

- MU-MIMO—Simultaneous streaming of data for multiple devices†
- Smart Connect—Same WiFi network name on 2.4 & 5GHz for automatic band selection
- Dynamic QoS—Prioritizes bandwidth by application and device
- ReadyCLOUD® USB Access—Enjoy personal & secure cloud access to USB storage
- Automatic firmware update delivers latest security patches to the router
- VPN support—Secure remote access. Now also on Mobile devices
- Guest network access—Separate & secure
- Alexa Voice Control—Use Amazon Alexa™ to control your network with simple voice commands

### 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

- Connect to router via secure connection over HTTPS
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Automatic firmware update delivers latest security patches to the router
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention
- VPN Support—Secure access to your home network away from home
- NETGEAR Armor™—Advanced cyber threat protection for your home network and all your devices\*. Learn more at [www.netgear.com/armor](http://www.netgear.com/armor)

### 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.

† 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.

† MU-MIMO capability requires both router and client device to support MU-MIMO.

\* Subject to fair use policy.

Circle® with Disney includes the Free Basic Plan. Fees apply for a Premium Plan. Visit [netgear.com/circle](http://netgear.com/circle) for more information.

The country settings must be set to the country where the device is operating.

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