

**NIGHTHAWK®**

Nighthawk® AC2600 Smart WiFi Router



## Ideal for Large Homes

Nighthawk® AC2600 Smart WiFi Router accelerates your WiFi for Ultra HD 4K streaming to multiple devices. It offers extreme WiFi speed for gaming - up to 2600Mbps and uninterrupted

video streaming with advanced QoS for applications like YouTube®, Netflix®, & others. High-power amplifiers and external antennas deliver range throughout very large homes. Implicit Beamforming

improves WiFi speed & range on all mobile devices like iPhone®, iPad® & Android®. Nighthawk® App lets you get the most out of your router performance with customized settings.

**NETGEAR®**

## Accelerate Your WiFi

### GAMING | FOR THE WIN

- Extreme WiFi speed for gaming—Up to 2600Mbps
- Dual-core processor boosts wireless, wired & WAN-to-LAN performance
- Advanced QoS for lag-free gaming
- Extreme range with high-power amplifiers & external antennas for best connectivity
- Beamforming+ for improved WiFi range & performance across both 2.4 and 5GHz devices



### STREAMING | ULTRA HD 4K

- Uninterrupted video streaming with advanced QoS for applications like YouTube®, Netflix®, & others
- Implicit & Explicit Beamforming provides better reception & range to all your devices
- USB 3.0 for up to 10 times faster access to your stored media than USB 2.0
- Free backup software for Windows® based computers to automatically safeguard your files



### MOBILE | UP TO 100% FASTER

- Implicit Beamforming improves WiFi speed & range on all mobile devices like iPhone®, iPad® & Android®
- Explicit Beamforming boosts speed & range for the newest 802.11ac WiFi devices
- Airtime Fairness® prevents network lag when slower devices connect
- Nighthawk® App—Get the most out of your router performance with customized settings
- ReadyCLOUD® USB Access—Enjoy personal & secure access to USB storage connected to your Nighthawk® WiFi Router via the ReadyCLOUD mobile app or web portal



## Speed

Get extreme WiFi speed for gaming and 4K UHD video streaming—Up to 2600Mbps.



EXTREME WIFI SPEEDS—2600Mbps (800Mbps + 1733Mbps)



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



5 GIGABIT PORTS—Connect more wired devices for faster file transfer and uninterrupted connections



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

## WiFi Range

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



EXTREME RANGE—WiFi coverage throughout large homes



HIGH-PERFORMANCE ANTENNAS—Three (3) external antennas extend strong and reliable WiFi signals over larger area

## Sharing

With NETGEAR, sharing across your network is fun and easy, such as accessing stored photos & music.



USB 3.0 PORT—Faster streaming, backup and easy access to your stored media



READYCLOUD® USB ACCESS—Personal & secure access to USB storage



READYSHARE® USB ACCESS—Share & access your USB hard drive

## 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+**—Improve range and performance for both 2.4 and 5GHz devices



**SIMULTANEOUS DUAL BAND WiFi**—Supports two WiFi bands simultaneously to double the available bandwidth and provide a reliable, dedicated WiFi network for smooth online gaming without any network congestion



**ADVANCED QOS**—Prioritizes applications for lag-free gaming and uninterrupted video streaming

## 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 guests, NETGEAR has you covered.



**VPN SUPPORT**—On PC, MAC, & now also with OpenVPN Connect app on iOS & Android, securely access your home network & Internet connection from your mobile device remotely



**STANDARDS-BASED WIFI SECURITY** (802.11i, 128-bit AES encryption with PSK)



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



**PERSONAL FTP**—Customized free URL to set up personal FTP server

## Nighthawk App

The NETGEAR Nighthawk® App makes it easy to set up your router and get more out of your Wi-Fi. 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, 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—Set up separate WiFi access for guests
- Quick Setup—Get connected in just minutes
- Get it at [www.nighthawk-app.com](http://www.nighthawk-app.com)

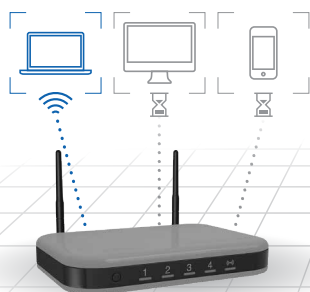


## Multi-User MIMO (MU-MIMO)

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

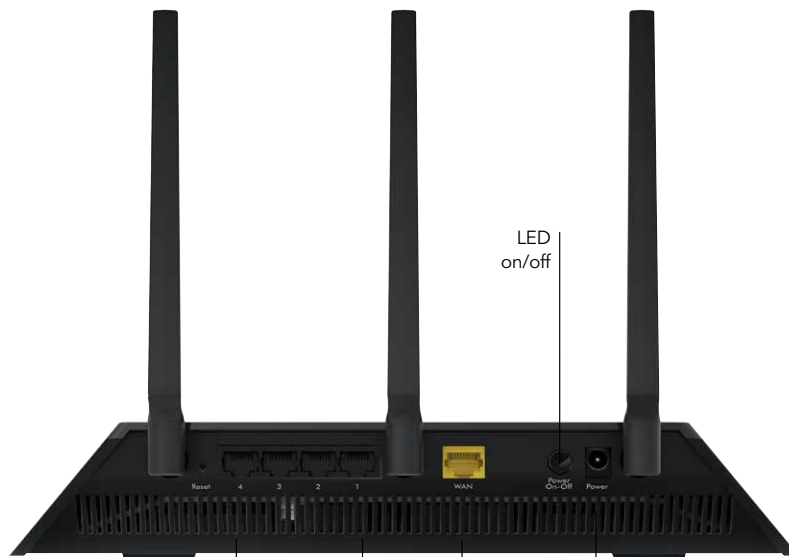


MU-MIMO WiFi

## Connection Diagram



USB 3.0 port



LED  
on/off



Four Gigabit Ethernet  
LAN ports to connect  
more wired devices

Internet



Power  
on/off



# NIGHTHAWK®

# Nighthawk® AC2600 Smart WiFi Router

## Package Contents

- Nighthawk® R7400 Smart WiFi Router (R7400)
- Three (3) detachable antennas
- Ethernet cable
- Quick start guide
- Power adapter

## Physical Specifications

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

## Standards

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

## Technical Specifications

- R7400 (800Mbps 2.4GHz + 1733Mbps 5GHz)<sup>†</sup>
- Simultaneous dual band WiFi—Tx/Rx 4x4 (2.4GHz) + 4x4 (5GHz)
- Implicit & explicit Beamforming
- Powerful dual-core processor
- Memory: 128MB flash and 256MB RAM
- Downstream & Upstream QoS automatically recognize & prioritize applications

- ReadySHARE® USB Access—Share & access your USB hard drive
- ReadyCLOUD® USB Access—Enjoy personal & secure cloud access to USB storage anytime, anywhere
- IPv6 Support (Internet Protocol Version 6)
- On/off LED lights option

## Key Features

- Extreme WiFi speed for gaming—Up to 2600Mbps
- MU-MIMO—simultaneous streaming of data for multiple devices<sup>†</sup>
- Advanced QoS for lag-free gaming & uninterrupted video streaming
- Extreme range with high-power amplifiers & external antennas for best connectivity
- Beamforming+ for improved WiFi range & performance across both 2.4 and 5GHz devices
- Powerful processor—Dual-core processor ensures smooth 4K UHD streaming & gaming
- 4 Gigabit Ethernet LAN ports—Connect more wired devices for faster file transfer and uninterrupted connections
- Nighthawk App—Easily set up your router and get more out of your WiFi. Includes remote access to manage your network away from home
- USB 3.0 for up to 10 times faster access to your stored media than USB 2.0
- Free backup software for Windows® based computers to automatically safeguard your files
- Airtime Fairness® prevents network lag when slower devices connect

## 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

- Customized free URL to set up personal FTP server
- VPN support—Secure remote access
- Guest network access—Separate & secure
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

## 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.

\* 90-day complimentary technical support following purchase 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.

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