NIGHTHAWK®

Nighthawk® AX4 4-Stream AX3000 WiFi Router

Leading the New Era of WiFi 6

Nighthawk® AX4 WiFi 6 Router is powered by the industry's latest WiFi 6 (802.11ax) standard provides consistent and powerful signal strength to all your connected devices. Blazing-fast combined WiFi speeds up to 3Gbps and an optimized dual-core processor powers smart home automation, ultra-smooth 4K UHD streaming, faster downloads, online gaming, and more.

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WiFi 6—Ready for Today and Tomorrow's Smart Home

Introducing WiFi 6—the latest generation of WiFi that delivers up to four times better performance than AC WiFi.

Rising to the challenges of modern smart home demands, this new standard of WiFi is ready to support more devices with better reliability and faster speeds.

Capacity

WiFi 6 gives you improved network capacity for more WiFi devices. Have more fun with the uninterrupted 4K streaming, gaming, and the smart home experience.

Speed

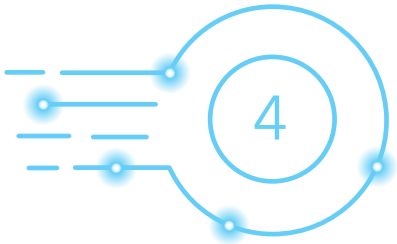
Get ultra-fast wireless speeds with more connections for all devices with less congestion. You'll get some blazing connection speeds of more than one gigabit per second or more, 4K streaming, & VR/AR gaming.

Range

Experience reliable and stronger WiFi coverage indoors and outdoors for all your devices. High-performance antennas, pre-optimized for best peformance, on the router amplify WiFi signals for maximized range and reliable coverage.

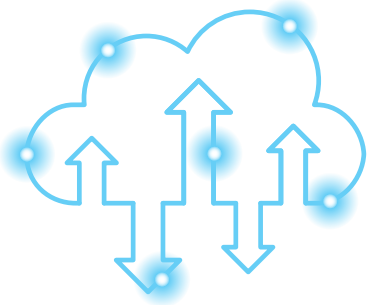
4-Stream WiFi 6

Stream HD & 4K UHD content to more devices at the same time.



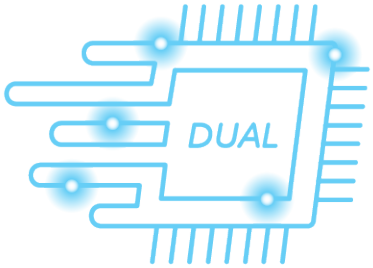
Faster Upload & Download Speeds

Faster WiFi download & upload speeds.



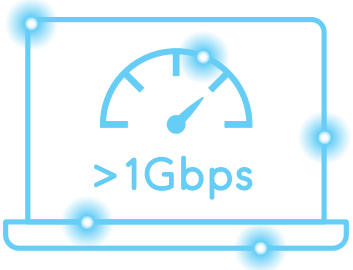
Powerful Dual-core Processor

More processing power to manage your smart home connectivity.



Greater than 1Gbps WiFi Speeds

Unimaginable speeds now delivered. Capable of greater than 1Gbps WiFi speeds to newer mobile devices.



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Nighthawk® AX4 4-Stream AX3000 WiFi Router

Speed

Get ultra-fast wireless speeds for better 4K UHD streaming, gaming or video conferencing experience.

- UP TO 3GBPS† SPEEDS—600Mbps + 2400Mbps with 4-stream connectivity**
- 160MHZ CHANNEL SUPPORT***—Doubles the speeds as offered by 80MHz channels to provide Gigabit speeds for compatible mobile devices and laptops
- 1024-QAM—25% increased data efficiency and faster speeds than a 256-QAM router
- 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 with 1 WAN & 4 LAN Ethernet ports

Capacity

Get better performance for all your smart home devices even when your family is busy streaming videos or uploading media files during the Internet rush hour.

- AX OPTIMIZED POWERFUL PROCESSOR—Dual-core processor ensures smooth 4K UHD streaming & gaming – ideal for Gigabit Internet speeds

WiFi Range

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

- ULTIMATE RANGE—WiFi coverage throughout small to medium homes
- HIGH-PERFORMANCE ANTENNAS—Two (2) 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

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

ADDITIONAL DFS CHANNELS–Gives you an interference-free experience

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 access from anywhere to manage your network away from home

AX WIFI SUPPORTS ALL CURRENT WIFI DEVICES–WiFi 6 supports all current WiFi device and is backward compatible with WiFi 5 and earlier generation devices

VOICE CONTROLLED BY AMAZON ALEXA® & THE GOOGLE ASSISTANT– Control your NETGEAR WiFi network with simple voice commands

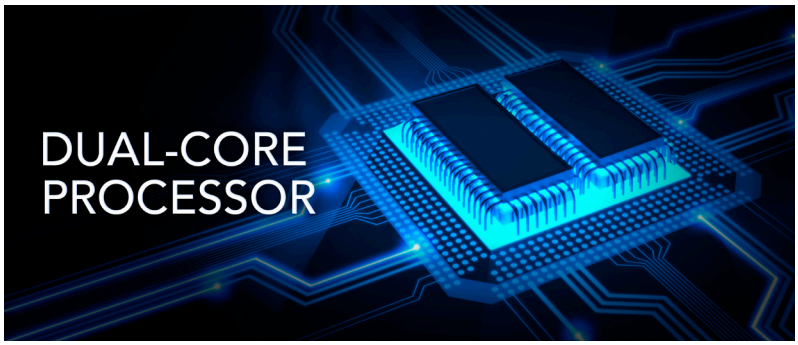
Security

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.

- 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 while away from home
- STANDARDS-BASED WIFI SECURITY (802.11i, 128-bit AES encryption with PSK)
- GUEST NETWORK—Separate and secure network for your guests
- AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router
- LATEST SECURITY STANDARD—Supports WPA3 the latest and cutting-edge WiFi security protocol

Powerful Dual-core Processor

Nighthawk AX4 WiFi 6 Router is powered by a powerful dual-core processor designed to transfer multi-Gigs of data. Full-packet processing offload means zero load on the CPU. Enjoy smoother Ultra-HD 4K video streaming and gaming without interruptions.



Gigabit WiFi to Mobile Devices

Support for 160MHz channel allows the Nighthawk AX4 WiFi 6 Router to stream at Gigabit speeds to supported mobile devices, which are increasingly used for video streaming or gaming.

Nighthawk App

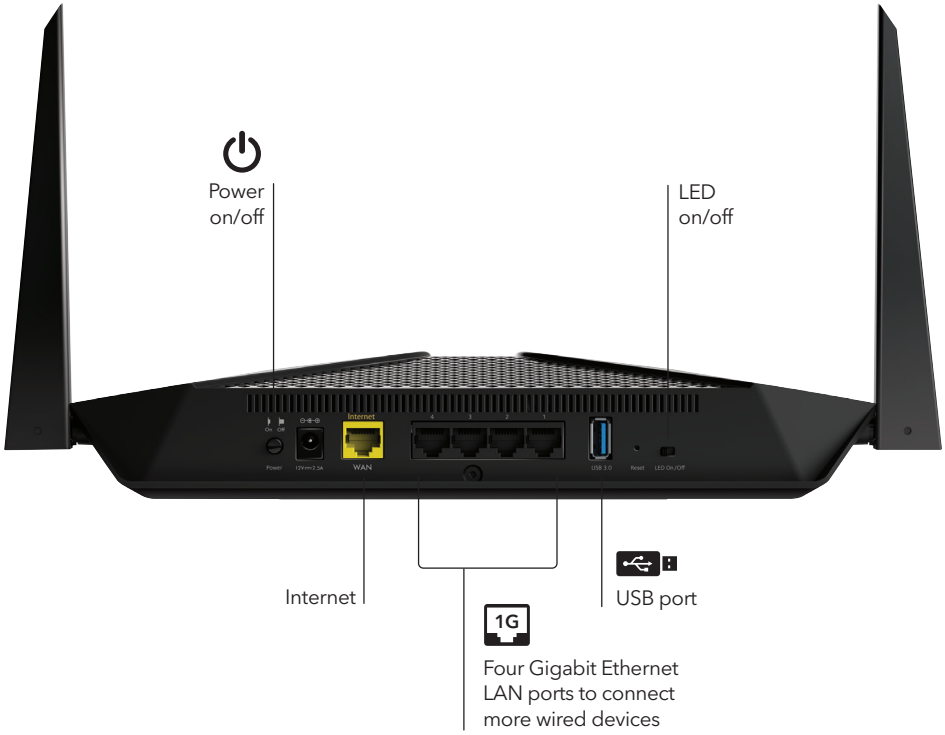
The NETGEAR Nighthawk® App makes it easy to set up your router and get more out of your WiFi. With the app, you can install your router in a few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to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

- Anywhere Access—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 nighthawk-app.com

GET IT ON Google Play

Download on the App Store

Connection Diagram



NIGHTHAWK®

Nighthawk® AX4 4-Stream AX3000 WiFi Router

Package Contents

- NETGEAR® Nighthawk® AX4/4-Stream AX3000 WiFi Router (RAX38
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 13.38 x 8.11 x 2.24 in (340 x 206 x 57 mm)
- Weight: 1.32 lb (600 g)

Technical Specifications

- WiFi 6 (802.11ax) Dual Band WiFi (AX3000)
  - 2.4GHz AX: 2x2 (Tx/Rx) 1024/256-QAM 20/40MHz, up to 600Mbps
  - 5GHz AX: 2x2 (Tx/Rx) 1024-QAM 20/40/80/160MHz, up to 2.4Gbps
  - Backwards compatible with 802.11a/b/g/n/ac WiFi
- One (1) USB 3.0 port
- 1024-QAM–25% data efficiency and faster speeds than a 256-QAM router
- Powerful dual-core processor
- Memory: 256MB flash and 512MB RAM
- 160MHz channel support
- Additional DFS channels for interference free experience
- Longer range with 2 high-performance antennas
- Five (5) 10/100/1000 Mbps Gigabit Ethernet ports
  - 1 WAN & 4 LAN
- On/Off LED light switch

Key Features

- 2.5X better performance than an AC router–4-stream WiFi with up to 600 + 2400Mbps for ultra-fast wireless speeds**
- 160MHz channel support***–Doubles the speeds as offered by 80MHz channels to provide Gigabit speeds for compatible mobile devices and laptops
- 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 access from anywhere to manage your network away from home
- WiFi 6 supports all current WiFi devices and is backward compatible with WiFi 5 and earlier generation devices
- Works with Amazon Alexa® & the Google Assistant–Control your NETGEAR WiFi 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® 11 or higher, Microsoft Edge, Google Chrome® 55 or higher, Firefox® 45 or higher, Safari® 10 or higher

Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Automatic firmware update delivers latest security patches to the router
- Guest network access–separate & secure
- VPN Support–Secure access to your home network away from home
- Supports WPA3, the latest and cutting-edge WiFi security protocol

Warranty

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

Supports Windows 10

Mac

This router may not support all the mandatory features, ratified in Draft 3.0 of IEEE 802.11AX specification. 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 AX standards.

** When working with 160MHz clients as compared to a 2x2 AC router that does not support 160MHz.

*** Requires client device that supports 160MHz bandwidth on WiFi.

‡ As compared to an AC1200 2x2 router.

For indoor use only.

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NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, www.NETGEAR.com

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