

NIGHTHAWK®**Nighthawk® AX4**
4-Stream AX3000 WiFi Router

WiFi 6 for Today's Smart Devices

Nighthawk® AX4 WiFi 6 Router is powered by the industry's latest WiFi 6 (802.11ax) standard with 4 times increased data capacity provides consistent and powerful signal strength to all your connected devices. Blazing-

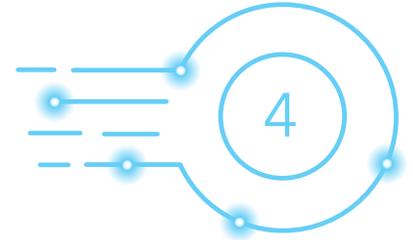
fast combined WiFi speeds up to 3Gbps and a 1.5GHz triple-core processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming, and audio/video chats.

With NETGEAR Armor™, you get the best-in-class cybersecurity to protect your family from malware, stolen passwords, identity theft, and hacker attacks.

NETGEAR®

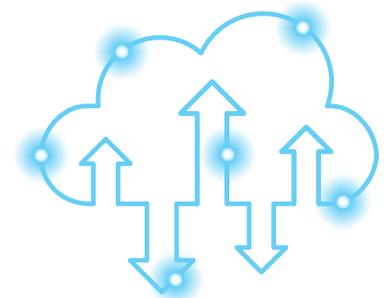
4-Stream WiFi 6

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



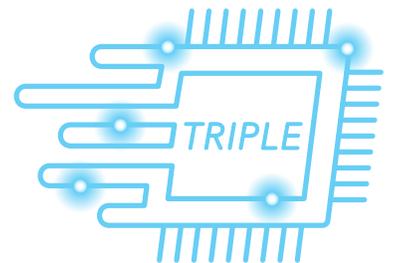
Faster Upload & Download Speeds

Faster WiFi download & upload speeds at the same time.



Powerful Triple-Core 1.5GHz Processor

More processing power increases the overall performance of your network.



Greater than 1Gbps WiFi Speeds

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



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.



MORE WIFI FOR MORE DEVICES— Allows efficient data transmission to devices simultaneously.[§]



AX OPTIMIZED POWERFUL PROCESSOR—1.5GHz triple-core processor ensures smooth 4K UHD streaming

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—Reduce interference from neighboring networks

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.



NETGEAR ARMOR™—Cybersecurity for your home††. Advanced cyber threat protection for your home network and your connected devices



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



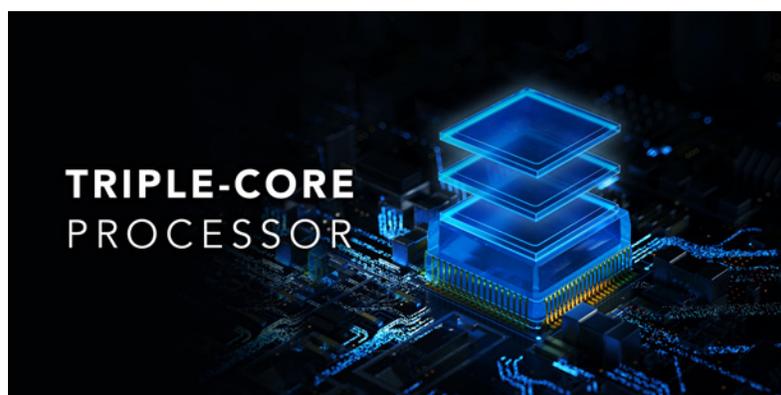
AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router



LATEST SECURITY STANDARD—Supports WPA3 the latest and cutting-edge WiFi security protocol

Powerful Triple-core Processor

Nighthawk AX4 WiFi Router is powered by a powerful triple-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

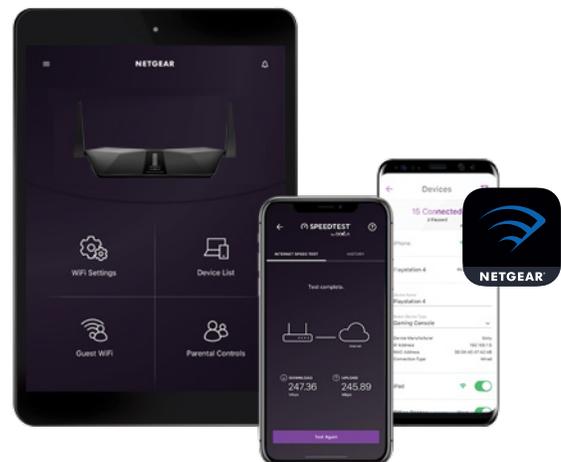
Support for 160MHz channel allows the Nighthawk AX4 WiFi 6 Router to stream at Gigabit speeds to supported mobile devices, which are increasingly used for video streaming or gaming.



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



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 2020—Protects all connected devices at home and on-the-go

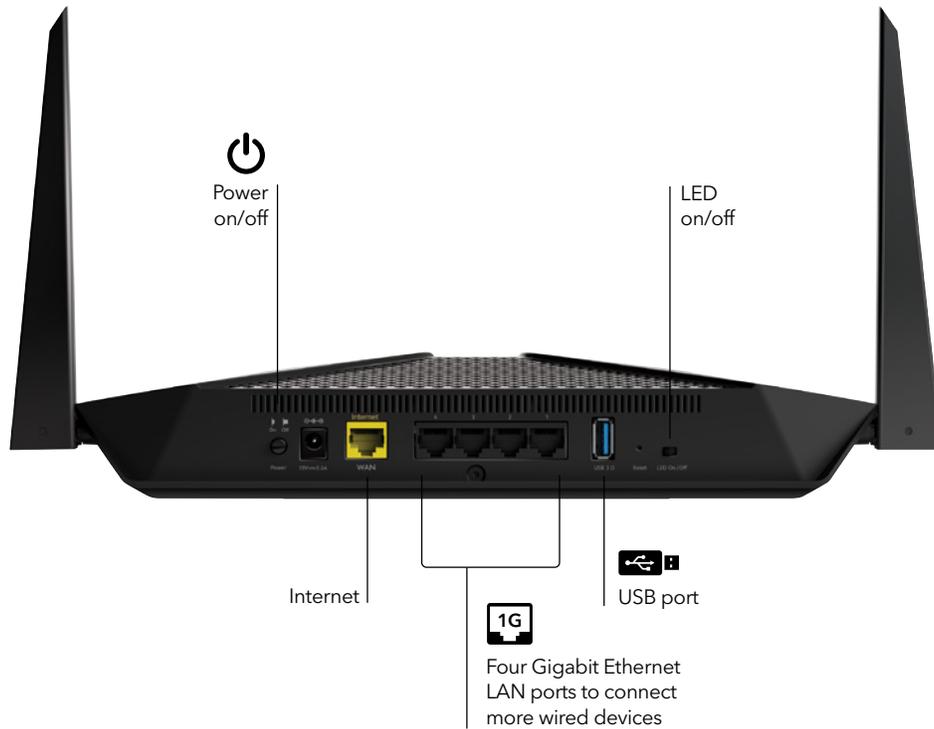


BITDEFENDER VPN—Encrypts your internet connection to keep your online activity private even while you're on unsecured public networks



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

Connection Diagram



NIGHTHAWK®

Nighthawk® AX4 4-Stream AX3000 WiFi Router

Package Contents

- NETGEAR® Nighthawk® AX4/4-Stream AX3000 WiFi Router (RAX40v2)
- 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 1.5GHz triple-core processor
- Memory: 256MB flash and 512MB RAM
- 160MHz channel support
- Additional DFS channels reduce interference from neighboring networks
- Longer range with 2 high-performance antennas

- Five (5) 10/100/1000Mbps 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
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected 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
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected devices^{††}

Warranty

- www.netgear.com/warranty
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: 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 AX standards. Up to 3000Mbps wireless speeds achieved when connecting to other 802.11ax 3000Mbps devices.

** 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.

§ Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

† As compared to an AC1200 2x2 router.

†† NETGEAR Armor requires a paid subscription after the initial introductory period.

For indoor use only.

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