

Performance & Use

- AX1800—1.5x better performance than an AC router, up to 1.8Gbps[†] for fast wireless speeds[†]
- More WiFi for more devices—OFDMA[§] allows efficient data transmission at the same time
- WiFi 6 supports all current WiFi devices—Backward compatible with earlier WiFi generation devices
- Nighthawk® App—Easily set up and monitor your home network, including remote access
- Powerful processor—Quad-core processor ensures smooth 4K UHD streaming
- 4 Gigabit Ethernet LAN ports—Connect more wired devices for faster file transfer and uninterrupted connections
- Voice controlled by Amazon Alexa® & the Google Assistant™—Control your NETGEAR WiFi network with simple voice commands



Overview

The NETGEAR® 4-Stream AX1800 WiFi 6 Router, built with the latest generation WiFi 6 technology, provides greater capacity to handle more devices on your network and speeds up to 1.8Gbps, ensuring that you can enjoy blazing fast Internet connections on all your devices.

This next-gen router is recommended for small to medium homes, up to 1,500 sq. ft., with 20 or more connected devices. Powerful quad-core processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming and audio/

video chats. Upgrade to the latest WiFi 6 technology and have the peace-of-mind that your WiFi is set for years to come.

This router is also wall-mount capable, giving you more options on where to place your router.

Speed

Speed makes HD video better. Speed makes online gaming awesome. Speed makes all your devices really go. And anyplace you need speed, with NETGEAR you got it. Extreme download speeds up to 600+1200Mbps. Uses Wi-Fi 6 (802.11ax) with dual band technology providing whole home coverage with Gigabit wired and wireless connection. Everything you need for a fast, fast, fast connected home.



1.5X BETTER PERFORMANCE THAN AN AC ROUTER—4 stream WiFi with up to 1.8Gbps† for fast wireless speeds†



EXTREMELY FAST WIFI—Up to 600+1200Mbps†



4 GIGABIT ETHERNET LAN PORTS—Connect more wired devices for faster file transfer and uninterrupted connections



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

WiFi Range

Homes come in all shapes and sizes. The 4-Stream AX1800 WiFi 6 Router with additional high-power external antennas provides WiFi connectivity throughout your home for all your Internet-enabled devices.



BETTER RANGE—Wireless coverage for small to medium homes



ANTENNAS—Great range with external antennas for best connectivity

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous dual band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. OFDMA technology provides faster WiFi download & upload speeds by transmitting to multiple devices at the same time.



POWERFUL PROCESSOR—Quad-core processor ensures smooth 4K UHD streaming



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



MORE WIFI FOR MORE DEVICES—OFDMA[§] allows efficient data transmission at the same time

Sharing

Relive memories and share them with others. Stream 4K UHD content to more devices at the same time with 4-Stream WiFi. If it's secure and shared storage access you want NETGEAR has easy ways to do it.



4-STREAM WIFI—Stream 4K UHD content to more devices at the same time



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

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!



EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers



NIGHTHAWK® APP—Easily set up and monitor your home network



WiFi 6 SUPPORTS CURRENT WiFi DEVICES—Backward compatible with earlier WiFi generation devices



VOICE CONTROL—Control your NETGEAR WiFi network with simple voice commands using Amazon Alexa® & the Google Assistant™

Security

Maintain high security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware, 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



GUEST NETWORK ACCESS—Separate & secure access for guests



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



AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router



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

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

With innovative technologies, such as Orthogonal Frequency-Division Multiple-Access (OFDMA)[§], and intelligent scheduling, WiFi 6 delivers a huge boost in speed and total capacity. 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 performance, on the router amplify WiFi signals for maximized range and reliable coverage.

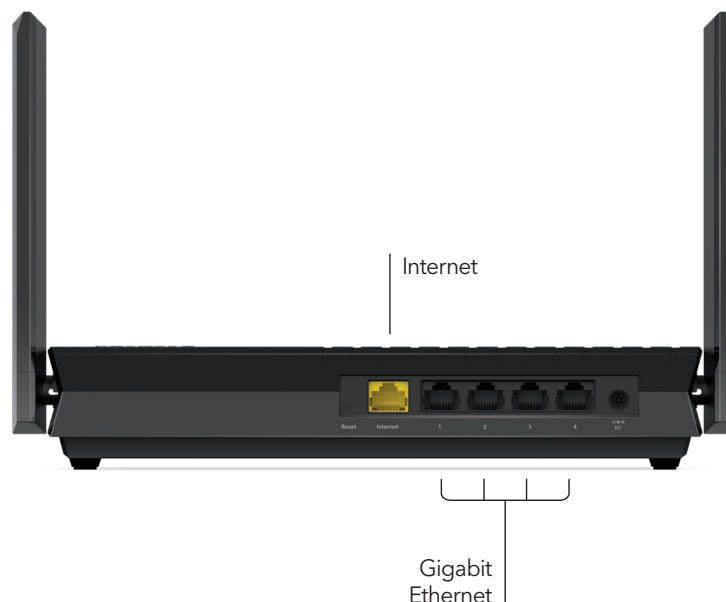
Nighthawk® App

The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in 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 manage your connected devices.

- Remote Management—Easily monitor your home network anytime, anywhere
- Internet Speed Test—Check the broadband speeds from your service provider
- 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



Connection Diagram



Package Contents

- 4-Stream AX1800 WiFi 6 Router (RAX20)
- Ethernet cable
- Quick start guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm)
- Weight: 1.23lbs (558.4g)

Security

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

Technical Specifications

- Wi-Fi 6 (802.11ax) Dual Band WiFi (AX1800)
 - 2.4GHz: 600Mbps, 40/20 MHz 1024/256-QAM
 - 5GHz: 1200Mbps, 80/40/20 MHz 1024-QAM
 - Backwards compatible with 802.11a/b/g/n/ac WiFi
- 1024-QAM—25% data efficiency and faster speeds than a 256-QAM router
- Powerful quad-core processor
- Memory: 256MB flash and 512M RAM
- Five (5) 10/100/1000 Mbps Gigabit Ethernet ports
 - 1 WAN & 4 LAN
- One (1) USB 3.0 port

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

Support

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

Warranty

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

This router may not support all the mandatory features as 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 future standards.

‡As compared to an AC1200 2x2 router.

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

For indoor use only.

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