

Performance & Use

- AX1800—1.5x better performance than an AC router, up to 1.8Gbps[†] for fast wireless speeds[‡]
- 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 access from anywhere
- 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
- NETGEAR Armor™—Cybersecurity for your home^{††}. Advanced cyber threat protection for your home network and your connected devices. Learn more at netgear.com/armor
- NETGEAR Smart Parental Controls™—Easily manage your kids time online across their connected devices^{§§}



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. With NETGEAR Armor™, you get multi-layered cybersecurity for an unlimited number

of devices that provides encrypted connections, keeps your online activity private, secures lost or stolen devices, and blocks suspicious devices on your network. Experience the ease of managing your kids' time online across their connected devices and promote healthy habits anywhere they go with NETGEAR Smart Parental Controls™.

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 WiFi 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

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.



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—Allows efficient data transmission to devices simultaneously.[§]

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



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

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 your router and get more out of your WiFi. Includes access from anywhere to manage your network away from home



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.



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



NETGEAR Smart Parental Controls™—Easily manage your kids time online across their connected devices⁵⁵



VPN SUPPORT—On PC, MAC, & now also with OpenVPN Connect app on iOS & Android, securely access your home network & Internet



GUEST NETWORK ACCESS—Separate & secure access for guests



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



AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router

Nighthawk® App

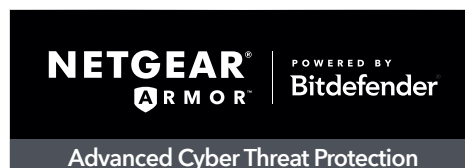
The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to pause 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 SECURITY—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

NETGEAR Smart Parental Controls™ SS

Creating the safest online experience for your kids is important and our built-in Smart Parental Controls makes it easy.

You are in control of your kids' Internet connection:

- Pause the Internet for needed breaks
- Create custom profiles to manage online time for each kid

With the Premium subscription*, you get even more insights into your kids' online activities to promote healthy habits:

- Get a detailed report of your kids' Internet usage and block any sites
- Customize filters for your kids and limit their Internet time

Key Features:

PROFILES



PAUSE

CONTENT
FILTERTIME
LIMITS

REWARDS

DEVICE
USAGEWEB
HISTORY

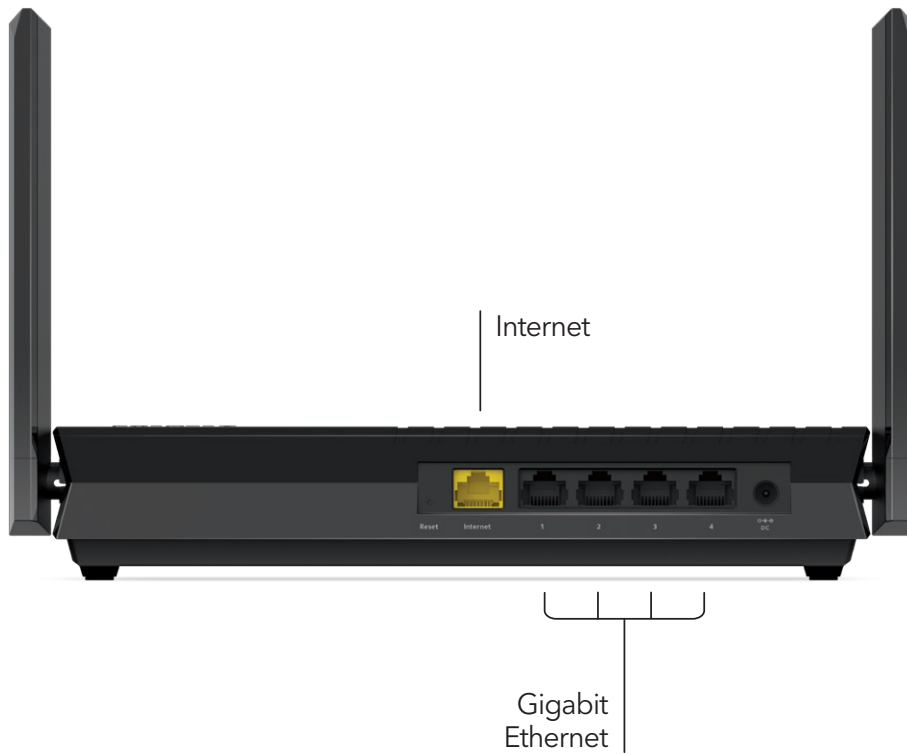
OFFTIME



BEDTIME

* Premium Subscription: Get a 30-day free trial; no credit card required. \$7.99/month or \$69.99/year after end of trial.

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)

Technical Specifications

- WiFi 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

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 WiFi security protocol
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected devices††
- NETGEAR Smart Parental Controls™—Easily manage your kids time online across their 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

Support

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

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. Up to 1800Mbps wireless speeds achieved when connecting to other 802.11ax 1800Mbps devices.

††NETGEAR Armor requires a paid subscription after the initial 30-day free trial. (No credit card required for the trial). Visit netgear.com/armor

§§NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial). Visit netgear.com/spc for more

‡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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