NETGEAR®

Performance & Use

- 1.5x better performance than an AC router[‡]–4-stream WiFi 6 with up to 1.8Gbps[†] for fast wireless speeds

- Faster upload & download speeds–Faster WiFi uplink and downlink speeds by transmitting to multiple devices at the same time

- Powerful processing–Quad-core 1.5GHz processor ensures smooth performance

- NETGEAR Armor®–Advanced cyber threat protection for your home network and your connected devices

- Nighthawk® App–Easily set up your router and get more out of your WiFi. Includes Anywhere Access to manage your network away from home

- Latest security standard–Supports WPA3 the latest and cutting-edge WiFi security protocol

- 5 Gigabit Ethernet ports–(4 LAN & 1 WAN) Connect more wired devices for faster file transfer and uninterrupted connections

- Works with Amazon Alexa® and the Google Assistant™–Control your NETGEAR WiFi with simple voice commands

Overview

The NETGEAR® 4-Stream AX1800 WiFi 6 Router upgrades your network to provide greater capacity with consistent and powerful signal strength to all your connected devices. With speeds up to 1.8Gbps, this next-gen router is recommended for a small to medium home, up to 1,500 sq. ft., with up to 20 connected devices. Powerful quad-core 1.5GHz processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming and audio/video chats. With NETGEAR Armor®, you get advanced cyber threat protection for your home network and connected devices.

Upgrade to the latest WiFi 6 technology for today's smart devices.

NETGEAR®

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

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

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–OFDMA–for faster WiFi download & upload speeds at the same time for up to 20 devices simultaneously§

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

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–Faster WiFi uplink and downlink speeds by transmitting to multiple devices at the same time

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.

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

GUEST NETWORK ACCESS–Separate & secure access for guests

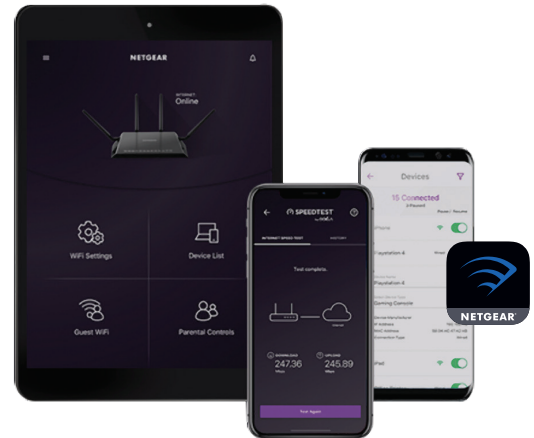**AUTOMATIC FIRMWARE UPDATE**–Delivers latest security patches to the router

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

4-Stream AX1800 WiFi 6 Router

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

Delivering four times better performance than AC WiFi, WiFi 6 allows more devices to connect and stream simultaneously, without impacting speed or reliability, by efficiently packing and scheduling data.

With innovative technologies, 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 peformance, on the router amplify WiFi signals for maximized range and reliable coverage.
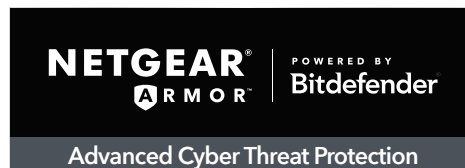
Nighthawk® App

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.

- Anywhere Access—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

GET IT ON **Google Play**

Download on the **App Store**

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.

NETGEAR® ARMOR™ | POWERED BY **Bitdefender®**

Advanced Cyber Threat Protection

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

NETGEAR®

Connection Diagram

Internet

Gigabit
Ethernet

NETGEAR®

Package Contents

- 4-Stream AX1800 WiFi 6 Router (RAX10)
- Ethernet cable
- Power adapter
- Quick start guide

Physical Specifications

- Dimensions: 9.27 x 7.26 x 2.25 in (236 x 184 x 57 mm)
- Weight: 1.10lb (500g)

Technical Specifications

- Wi-Fi 6 (802.11ax) Dual Band WiFi (AX1800)
  - 2.4GHz: 600Mbps, 40/20MHz 1024/256-QAM
  - 5GHz: 1200Mbps, 80/40/20MHz 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 1.5GHz processor
- Memory: 256MB flash and 512MB RAM
- Five (5) 10/100/1000Mbps Gigabit Ethernet ports
  - 1 WAN & 4 LAN

Security

- Standards-based WiFi Security (802.11i,128-bit AES encryption with PSK)
- Automatic firmware update delivers latest security patches to the router
- 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[††]

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

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

[‡]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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