

Performance & Use

- AX1800—1.5X better performance than an AC router, 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
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected devices^{††}
- Nighthawk® App—Easily set up and monitor your home network, including Anywhere Access to manage your network away from home
- Powerful processor—Quad-core 1.5GHz processor ensures smooth 4K UHD streaming
- Latest security standard—Supports WPA3 the latest and cutting-edge WiFi security protocol
- 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 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 and have the peace of mind that your WiFi is set for years to come.

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

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 1.5GHz 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

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

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



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



AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router

4-Stream AX1800 WiFi 6 Router



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.

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.

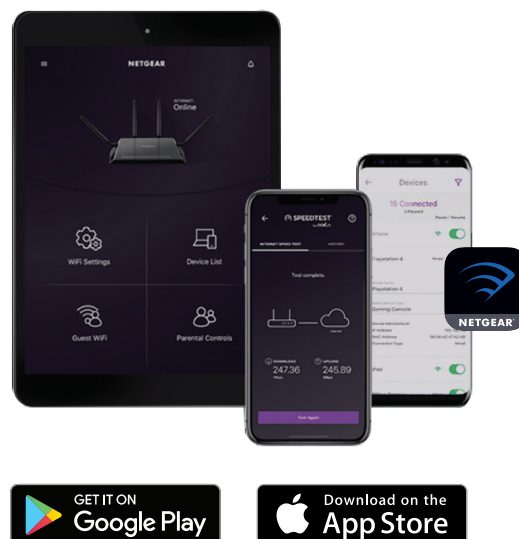
Get ultra-fast wireless speeds with more connections for all devices with less congestion. You'll get some blazing connection speeds of more than one Gigabit per second or more, 4K streaming, & VR/AR gaming.

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

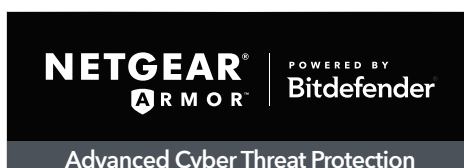
The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to manage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

- 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



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



Package Contents

- 4-Stream AX1800 WiFi 6 Router (R6700AX)
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

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

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
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected devices††

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 1.5GHz processor
- Memory: 256MB flash and 512M RAM
- Five (5) 10/100/1000 Mbps Gigabit Ethernet ports
 - 1 WAN & 4 LAN

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

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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