

NIGHTHAWK®Nighthawk® AX6/6-Stream
WiFi 6 Cable Modem Router
xfinity **Spectrum** **COX**®

90-days of NETGEAR Armor™ Included*
Advanced Cyber Threat Protection

 Scan for full list of compatible
service providers


Leading the New Era of WiFi 6

Experience a new generation of WiFi 6 router with a built-in DOCSIS® 3.1 cable modem that delivers blazing-fast multi-Gigabit Internet. With link aggregation and 3 times the capacity to handle more WiFi devices, the Nighthawk®

multi-Gigabit speed cable modem router delivers a truly next level experience without limitations. Eliminate monthly cable modem rental fees and save up to \$168 per year**. With NETGEAR Armor™, you get complete cyber threat

protection built into your router for an unlimited number of devices connected to your network, including IoT devices, tablets, computers, and smartphones. 90 days of NETGEAR Armor included*.

This product does not support home phone services from cable providers.

NETGEAR®

NIGHTHAWK®

Nighthawk® AX6/6-Stream WiFi 6 Cable Modem Router

Why DOCSIS® 3.1

With DOCSIS® 3.1 compatible NETGEAR cable modems, you can take advantage of the fastest cable Internet speeds available today and still be ready for tomorrow when their service plan upgrades to higher speed tiers.

Your Internet speeds at a whole new level

Indulge in the ultimate download and upload speeds with top speeds of up to 10,000Mbps (that's 10Gbps fast)†.

DOCSIS® 3.1 modems are fully backward compatible

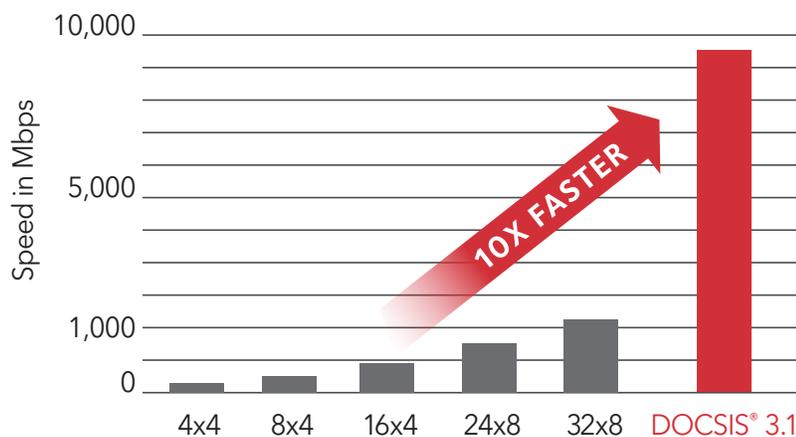
Upgrading to a DOCSIS® 3.1 modem means you'll still enjoy your current Internet service and be ready for the fastest speeds available in your service area.

More speed to more devices

Gigabit Internet speeds combined with the fastest WiFi available means all of your devices will surf, stream, & game at lightning fast speed.

Ultra-fast WiFi speeds coming to your neighborhood

Enjoy ultra-fast WiFi speeds today and be ready to enjoy more in the near future.



NIGHTHAWK®

Nighthawk® AX6/6-Stream
WiFi 6 Cable Modem 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. 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/8K 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/8K 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.

xfinity Spectrum COX

Works with U.S. cable Internet providers Xfinity® from Comcast, Spectrum®, Cox® & more (not compatible with cable bundled voice services). Certified with Xfinity with speeds up to 800Mbps, Spectrum service of 1Gbps, and with Cox service speeds of 1Gbps.

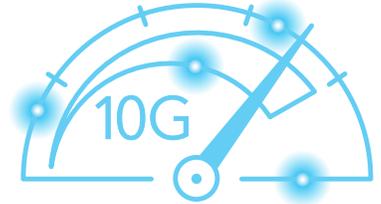
NETGEAR®

NIGHTHAWK®

Nighthawk® AX6/6-Stream WiFi 6 Cable Modem Router

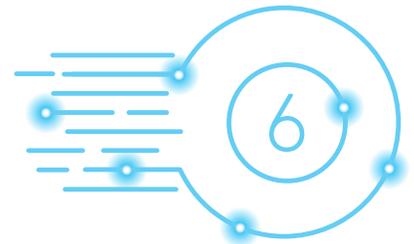
Built-in DOCSIS® 3.1 Cable Modem

Up to 10Gbps, 10X faster download speeds than the DOCSIS® 3.0 standard.
Fully backward compatible with previous DOCSIS standards†.



6-Stream AX WiFi

Up to 2.7Gbps WiFi speed. Concurrently stream 4K & Ultra HD content to multiple devices.



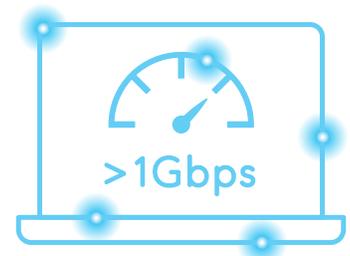
Save Money

Eliminate monthly cable modem rental fees and save up to \$168 per year**.
Compatible with all major cable service providers with all Internet speed tiers.



Built for Gigabit + Internet Service & Beyond

Multi-Gig Wireless Speed. Ready for the fastest Internet speeds available.



NETGEAR®

NIGHTHAWK®

Nighthawk® AX6/6-Stream WiFi 6 Cable Modem Router

Speed

Get ultra-fast wireless speeds for better 4K/8K UHD streaming, gaming or video conferencing experience.



BUILT IN DOCSIS® 3.1 CABLE MODEM—10x faster speeds than DOCSIS 3.0. up to 10Gbps, backward compatible*



UP TO 2.7GBPS SPEEDS—0.9+1.8 Gbps† with 6-stream connectivity



AX OPTIMIZED DUAL-CORE PROCESSOR—Powerful 1.5GHz processor boosts wireless, wired & WAN-to-LAN performance



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



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



MULTI-GIG EXPERIENCE—Maximize your available Internet speeds with Link Port Aggregation support. Ability to aggregate two Gigabit LAN 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—Dual-core 1.5GHz processor ensures smooth 4K UHD streaming & gaming - ideal for Gigabit Internet speeds

WiFi Range

Faster and expanded coverage throughout your home and for all your devices.



ULTIMATE RANGE—WiFi coverage throughout large homes

Sharing

With NETGEAR, sharing across your network is fun and easy, such as accessing stored photos & music.



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drive via one USB port



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

NIGHTHAWK®**Nighthawk® AX6/6-Stream
WiFi 6 Cable Modem Router****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!



SMART CONNECT—Intelligently selects the fastest WiFi band for every device connection. One WiFi name for the entire home



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—Backward compatible with WiFi 5 and earlier generation devices

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—Secure access to your home network away from home



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



GUEST NETWORK—Separate and secure network for your guests



STRONGER PROTECTION—Stronger WiFi password protection with WPA3™

NIGHTHAWK®**Nighthawk® AX6/6-Stream
WiFi 6 Cable Modem Router****Powerful Dual-core Processor**

Nighthawk AX6 WiFi 6 Cable Modem Router is powered by a dual-core 1.5GHz processor designed to transfer Multi-Gigs of data with very low CPU load and ensures smooth 4K UHD streaming & gaming.

**Nighthawk App**

The NETGEAR Nighthawk® App makes it easy to set up your Cable Modem 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 Cable Modem 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®**

NIGHTHAWK®

Nighthawk® AX6/6-Stream WiFi 6 Cable Modem Router

NETGEAR Armor™

Powered by Bitdefender®, NETGEAR Armor™ is one of the most comprehensive and advanced security solutions that protects you and your family from hackers and viruses. It's built into your NETGEAR router and is easily managed through the NETGEAR iOS or Android app. NETGEAR Armor™ includes Bitdefender's award-winning anti-virus, anti-malware, total protection suite for unlimited computers, smartphones, and tablets plus Bitdefender VPN to safeguard these devices—anywhere you go.



Advanced Security Built into Your NETGEAR Router

- 

PROTECTS ALL CONNECTED DEVICES—Safeguard all your smart home devices, game consoles, TVs, and streaming players, as well as your tablets, computers, and smartphones.
- 

SENSITIVE DATA PROTECTION—Keeps your data private by blocking attempts to send your login and banking info, SSNs, and more from being sent over unencrypted connections.
- 

ANOMALY DETECTION—Blocks unusual behavior on your connected devices detected by our machine learning algorithm to protect your network against attacks.
- 

BRUTE FORCE PROTECTION—Protects the entire network by preventing connected smart devices from being compromised by botnet attacks, such as credential and encryption key attacks.
- 

DDoS PROTECTION—Prevents and protects your network against crippling denial-of-service attacks.

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EXPLOIT PREVENTION/IDS—Protects your data and devices by blocking attacks—like malicious intrusions—that try to exploit vulnerabilities in your connected devices or software.
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AUTOMATIC THREAT BLOCKING—Blocks viruses, ransomware, phishing, spoofing, and other advanced cyberattacks threatening your network and connected devices with vulnerabilities.
- 

WEB PROTECTION—Instantly blocks webpages that possibly contain harmful malware, phishing, or other malicious content. (For Android and iOS devices)
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VULNERABILITY SCAN—Closes any backdoor entries or hackers by identifying weak passwords or credentials and firmware or services with vulnerabilities.
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REAL-TIME ALERTS—Notifications of detected and blocked threats and when new devices connect to your network.
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MANAGE NETGEAR ARMOR EASILY—Stay in the know with your Nighthawk App—anywhere, anytime.

Your Armor subscription also includes features that protect your devices outside your home:

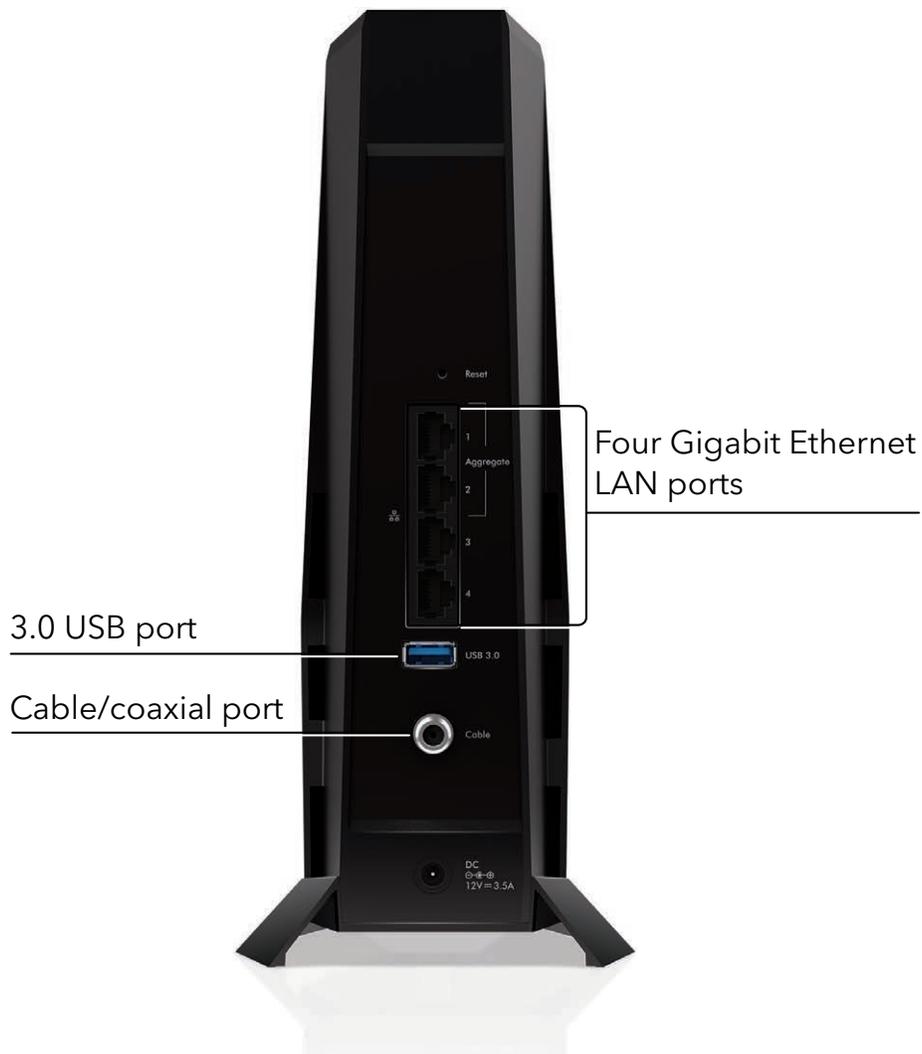
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BITDEFENDER SECURITY—Install this protection on your desktop and laptop computers and mobile devices for an extra layer of cybersecurity at home and on-the-go.
- 

ANTI-THEFT PROTECTION—Remotely locate, lock, and wipe your lost or stolen devices.
- 

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

Connection Diagram



NIGHTHAWK®

Nighthawk® AX6/6-Stream WiFi 6 Cable Modem Router

Package Contents

- Nighthawk® AX6/6 Stream WiFi 6 Cable Modem Router (CAX30)
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 10.0 x 8.3 x 4.3 in / 254 x 211 x 110 mm
- Weight: 2.10 lb / 0.95 kg

Technical Specifications

- Built-in high-speed DOCSIS® 3.1 Cable Modem compatible with 32x8 DOCSIS® 3.0
- 802.11ax dual band WiFi (AX2700)
 - 2.4GHz AX: 3x3 (Tx/Rx) 1024-QAM 40MHz, up to 0.9Gbps
 - 5GHz AX: 3x3 (Tx/Rx) 1024-QAM 80MHz, up to 1.8Gbps
- Backwards compatible with 802.11a/b/g/n/ac WiFi
- Powerful dual-core 1.5GHz processor
- Four (4) Gigabit Ethernet LAN ports
 - Dual Gigabit Ethernet port aggregation
- One (1) USB 3.0 port—Connect storage devices to store & stream your own media

Key Features

- Eliminate monthly cable modem rental fees and save up to \$168 per year**
- Works right out of the box with Xfinity® from Comcast, Spectrum® and Cox®
- This product does not support Home Phone Services from cable providers.
- 3X better performance than an AC cable modem router—6-stream WiFi with up to 0.9 + 1.8 Gbps† for ultra-fast wireless speeds
- Powerful processor—Dual-core 1.5GHz processor ensures smooth 4K UHD streaming & gaming
- Smart Connect—Intelligently selects the fastest WiFi band for every device connection. One WiFi name for the entire home
- 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

System Requirements

- Cable broadband Internet service
- Please check your cable Internet service provider web site for data speed tier compatibility and to ensure it provides DOCSIS® 3.1 service, otherwise this modem will only work as a DOCSIS® 3.0 modem
- Not compatible with cable bundled voice services

Security

- VPN support—Secure access to your home network away from home
- Firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention
- Nighthawk Armor™—Cybersecurity for your home†. Advanced cyber threat protection for your home network and your connected devices

Warranty

- NETGEAR 1-year limited warranty
- www.netgear.com/warranty

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. www.netgear.com/warranty
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 be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 2700Mbps wireless speeds achieved when connecting to other 802.11ax 2700Mbps devices.

‡ Maximum rate is derived from DOCSIS® 3.1 specifications and actual throughput will vary depending on your Internet subscription with your provider. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards. Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network. This product not compatible with Cable bundled voice services.

** Savings shown may vary by cable service providers.

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

* NETGEAR Armor™ requires a paid subscription after the initial 90-day free trial. (No credit card required for the trial). Visit netgear.com/armor.

Intended for indoor use only.

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