

## Advanced Whole Home WiFi



With Nighthawk® Mesh WiFi 6 System you'll enjoy advanced whole home WiFi designed to deliver smooth video streaming and fast online gaming to more devices at the same time. Experience coverage up to 4,500 square feet for your home, including front and back yards, with combined speeds of 3Gbps.† Award-winning NETGEAR Armor™ protects your WiFi with an automatic shield of security across every PC, phone, camera, smart home device, & TV, etc.¹

### Key Features

- **Superior Performance**—Get the ultimate experience with 4 streams of WiFi 6 and speeds up to 3Gbps.† Enjoy 4K UHD streaming and lag-free gaming.
- **More Capacity for More Devices**—With WiFi 6, enjoy more devices simultaneously and greater capacity than before.
- **2x Faster for PCs & Android Phones**—Higher capacity 160MHz channels provide 2x faster speed, up to Gigabit WiFi to the latest Windows PCs, Android phones & tablets.‡
- **Latest WiFi 6 Technology**—Upgraded WiFi that's up to 2.5x the performance and capacity of WiFi 5.‡ 100% backward compatible.
- **Whole Home WiFi**—Eliminate WiFi dead zones by simply placing satellites throughout your home to form a smart, reliable WiFi network.
- **Super-fast WiFi**—Combined speeds up to 3Gbps† keep up with your family's streaming, gaming, and smart home needs.
- **Compact Design**—Sleek, compact design makes it easy to place almost anywhere to enjoy stronger WiFi everywhere.
- **Expandable**—Extend coverage as needed with MS70 add-on satellites.
- **It's Easy**—Easy setup with the Nighthawk app, customize and enjoy your new Nighthawk Mesh WiFi in minutes.
- **4-stream WiFi**—Stream smooth 4K UHD content to smart TVs, mobile devices, and gaming consoles.
- **Powerful Quad-core Processor**—More processing power increases the overall performance of your network.

### Technical Specifications

- AX3000 Router & Satellites (600 + 2400Mbps)†
- Simultaneous dual band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax, 2.4GHz–1024-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax, 5GHz–1024-QAM support
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz)
- IEEE® 802.11a/b/g/n/ac/ax
- MU-MIMO capable for simultaneous data streaming
- Uplink & Downlink OFDMA² – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz & 5GHz bands
- Wi-Fi Easy Mesh™ compatible
- Processor – Router & Satellites
  - Powerful quad-core 1.7GHz processor each
- Memory – Router
  - 256MB flash and 512MB RAM
- Antenna
  - Four (4) high-performance internal antennas each
- Ports – Router
  - One (1) 10/100/1000Mbps Gigabit Ethernet WAN port
  - One (1) 10/100/1000Mbps Gigabit Ethernet LAN port
- Ports – Satellites
  - One (1) 10/100/1000Mbps Gigabit Ethernet LAN port
- Push button WPS/SYNC support

### Services & Security

- Nighthawk App – Use the Nighthawk App to easily setup, monitor and manage your Nighthawk Mesh WiFi, and access exclusive NETGEAR services
- Award-winning NETGEAR Smart Parental Controls™ – Easily manage your kids' time online across their connected devices and promote healthy Internet habits wherever they are. Additional features are available with a Premium subscription.†† Learn more at [www.netgear.com/spc](http://www.netgear.com/spc)
- NETGEAR Armor™ – Award-winning NETGEAR Armor™ protects your WiFi with an automatic shield of security across every PC, phone, camera, smart home device, & TV, etc.¹ Learn more at [www.netgear.com/armor](http://www.netgear.com/armor)
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Guest WiFi Network is easy to setup separate & secure Internet access for guests
- WPA3-Personal provides more robust password-based authentication

### Box Contents

- One (1) Mesh WiFi 6 Router (MR70)
- Two (2) Mesh WiFi 6 Satellites (MS70)
- One (1) 2m/6ft Ethernet cable
- Three (3) 12V/1.5A power adapters
- Quick start guide

### Network Requirements

- High-speed Internet connection
- Connect to existing modem or gateway

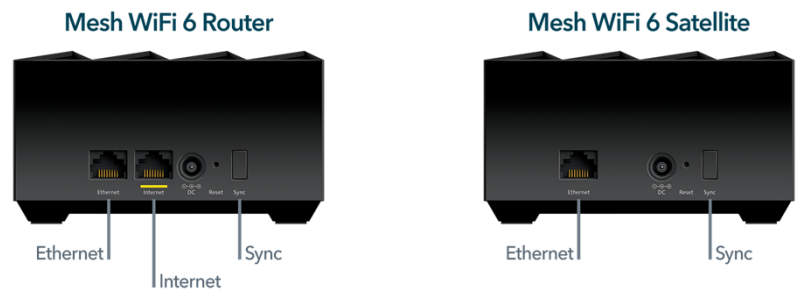
### Warranty & Support

- [www.netgear.com/warranty](http://www.netgear.com/warranty)
- Support
  - Extend your warranty & technical support within 90 days of product purchase [U.S. only].
  - Visit: [www.prosupport.netgear.com/home](http://www.prosupport.netgear.com/home)

### Physical Specifications

- Router (MR70)
  - Dimensions: 4.8 x 4.8 x 2.5 in
  - Weight: 0.63 lb
- Satellites (MS70)
  - Dimensions: 4.8 x 4.8 x 2.5 in each
  - Weight: 0.63 lb each

### Connection Diagram



This product comes with a 1-year 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 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 3,000Mbps wireless speeds achieved when connecting to other 802.11ax 3,000Mbps devices.

‡ NETGEAR Armor requires a paid subscription after the initial 30-day free trial. Renew your subscription, for an additional fee, to protect all your connected devices.

†† NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

‡‡ When working with 160MHz clients as compared to a 2x2 AC router that does not support 160MHz.

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

For regulatory compliance information, visit [www.netgear.com/about/regulatory](http://www.netgear.com/about/regulatory).

NETGEAR, NIGHTHAWK, NETGEAR Armor, and the NETGEAR Logo are trademarks of NETGEAR, Inc. Any other trademarks mentioned herein are for reference purposes only. ©2023 NETGEAR, Inc.

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA

NIGHTHAWK®

## Nighthawk® Mesh WiFi 6 System



**1 Year of NETGEAR Armor™ Included**  
Advanced Cyber Threat Protection

## Advanced Whole Home WiFi

With Nighthawk® Mesh WiFi 6 System you'll enjoy advanced whole home WiFi designed to deliver smooth video streaming and fast online gaming to more devices at the same time. Experience the next generation of WiFi 6, perfect for medium to large homes up to 4,500 sq.ft.<sup>†</sup> and Internet speeds over 100Mbps<sup>†</sup>.

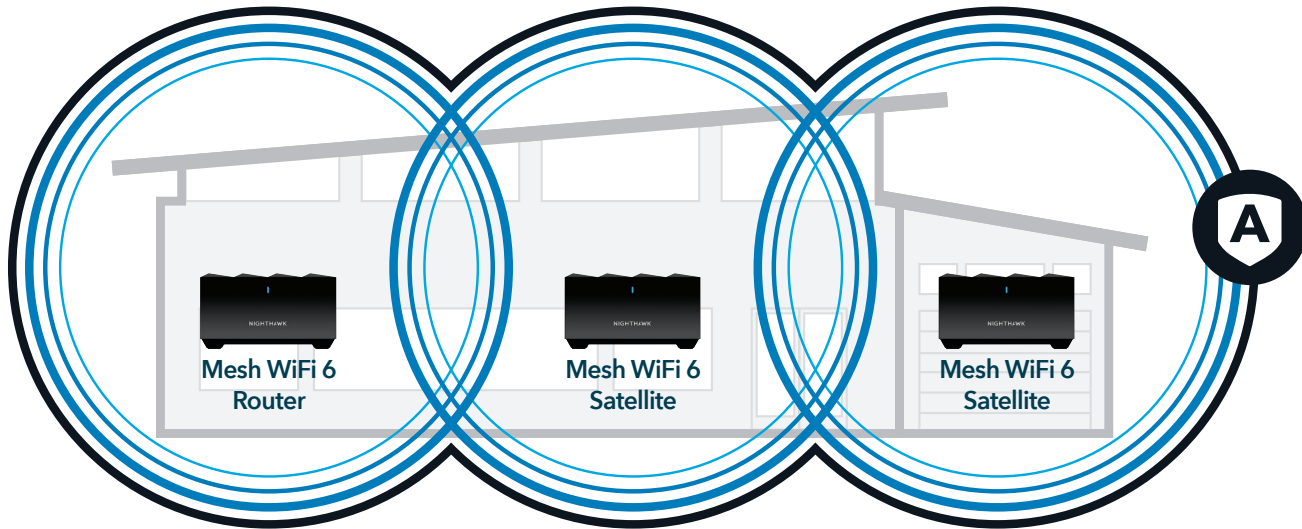
The Nighthawk Mesh System comes with a high-power router and two satellites to provide you with broad WiFi coverage, so you can eliminate dead zones by easily placing satellites wherever needed. Set up in minutes and control your home's WiFi with the Nighthawk App. With NETGEAR Armor™, you get complete

cyber threat protection built into your router for an unlimited number of devices connected to your network, including IoT devices, tablets, computers, and smartphones. Comes with a 1-year free Armor subscription.\*\*

**NETGEAR®**

NIGHTHAWK®

## Nighthawk® Mesh WiFi 6 System



**Advanced Cyber Threat Protection**  
NETGEAR Armor has your home network & devices covered from attack. One-year subscription included\*\*.

### Enjoy Fast, Expansive WiFi with Nighthawk Mesh WiFi 6 System

Introducing WiFi 6—the latest generation of WiFi that delivers four times better performance than AC WiFi. 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. WiFi 6 is backward compatible with 802.11 ac/n/a/g/b.

#### Latest WiFi Technology

Upgraded WiFi that's up to 2.5x the performance and capacity of 11ac.‡ 100% backward compatible.

#### Super-fast WiFi

Combined WiFi speeds over 3Gbps keep up with your family's streaming, gaming and smart home needs.

#### Whole Home Coverage

Eliminate WiFi dead zones by simply placing satellites throughout your home to form a smart, reliable WiFi network.

#### Expandable

Add satellites to expand your coverage even further. This mesh WiFi system supports Wi-Fi CERTIFIED EasyMesh™.

#### More Capacity for More Devices

With WiFi 6, enjoy more devices simultaneously and greater capacity than before.

#### Advanced Cyber Threat Protection

NETGEAR Armor provides best-in-class anti-virus, anti-malware, & data protection for all smart devices, smartphones, and computers. One-year subscription included.

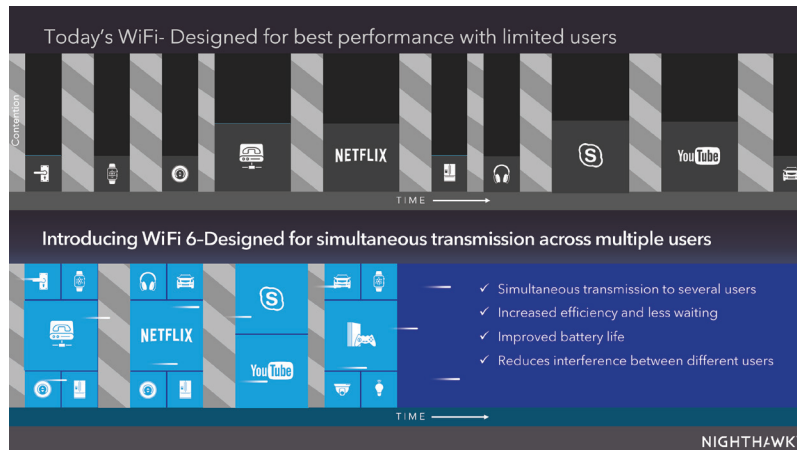
#### It's Easy

Easy setup with the Nighthawk app, customize and enjoy your new Nighthawk Mesh WiFi in minutes.

NETGEAR®

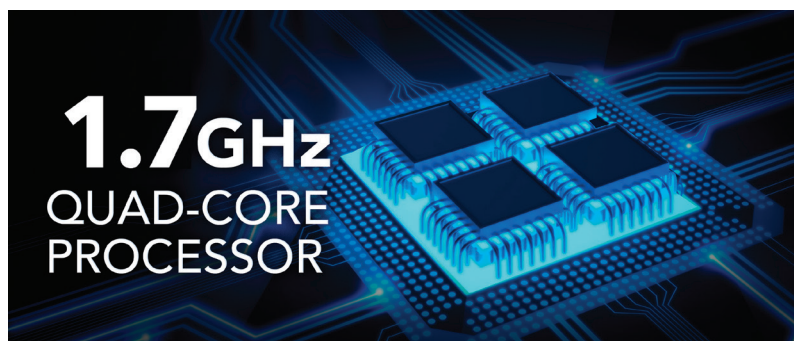
### Orthogonal Frequency Division Multiple Access (OFDMA)

Using the OFDMA<sup>1</sup> feature of WiFi 6, the WiFi traffic is managed much more efficiently since data is transmitted from different devices concurrently, rather than having each device's data wait for its turn. This results in an efficient use of air-time, reduced latency, and increased bandwidth to add more devices to your network.



### Ultra-powerful AX-optimized Quad-core Processor

The Nighthawk WiFi 6 Mesh System is powered by a 1.7GHz quad-core processor, is built for performance at an ultimate level. The ultra-fast processor enables the router to seamlessly handle data intensive applications such as 4K UHD video streaming, VR/AR gaming, as well as provide a stronger, more reliable WiFi experience. This powerful processor is optimized for AX making intelligent spontaneous decisions to schedule data traffic to maximize WiFi Bandwidth utilization.



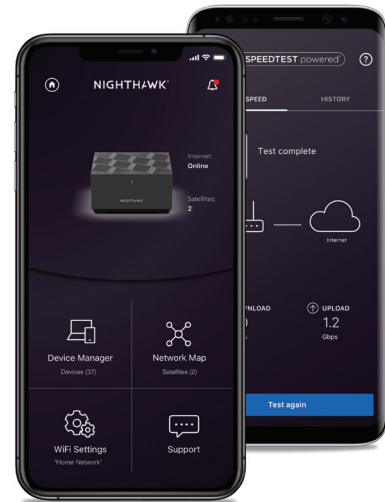
# NIGHTHAWK®

## Nighthawk® Mesh WiFi 6 System

### Nighthawk App

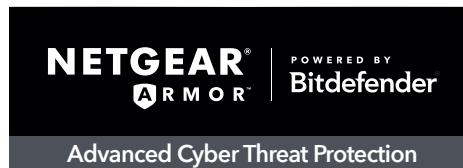
The NETGEAR Nighthawk® App makes it easy to set up your Nighthawk Mesh WiFi 6 System and get more out of your WiFi. With the app, you can install your Mesh WiFi 6 Router and Satellites in a few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once 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](https://nighthawk-app.com)



## 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.



**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.



**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)



**VULNERABILITY SCAN**—Closes any backdoor entries or hackers by identifying weak passwords or credentials and firmware or services with vulnerabilities.



**REAL-TIME ALERTS**—Notifications of detected and blocked threats and when new devices connect to your network.



**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:



**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.



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



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

Router (MR70)



Ethernet | Internet | Sync

Satellite (MS70)



Ethernet | Sync



# NIGHTHAWK®

## Nighthawk® Mesh WiFi 6 System

### Box Contents

- One (1) Mesh WiFi 6 Router (MR70)
- Two (2) Mesh WiFi 6 Satellites (MS70)
- One (1) 2 m Ethernet cable
- Three (3) 12V/1.5A power adapters
- Quick start guide

### Physical Specifications

- Mesh WiFi 6 Router (MR70)
  - Dimensions: 4.8 x 4.8 x 2.5 in
  - Weight: 0.63 lb
- Mesh WiFi 6 Satellites (MS70)
  - Dimensions: 4.8 x 4.8 x 2.5 in each
  - Weight: 0.63 lb each

### Network Requirements

- High-speed Internet connection
- Connect to existing modem or gateway

### Technical Specifications

- AX3000 Router & Satellites (600+2400Mbps)<sup>†</sup>
- Simultaneous dual-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz-1024-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz-1024-QAM support
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz)
- IEEE® 802.11a/b/g/n/ac/ax
- Ports – Mesh WiFi 6 Router (MR70)
  - One (1) WAN 10/100/1000Mbps Gigabit Ethernet port
  - One (1) LAN 10/100/1000Mbps Gigabit Ethernet port
- Ports – Satellites (MS70)
  - One (1) 10/100/1000Mbps Gigabit Ethernet port each
- MU-MIMO capable for simultaneous data streaming
- Uplink & downlink OFDMA\* – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 1.8GHz processor each
- Memory – Router
  - 256MB flash and 512MB RAM
- Antenna
  - Four (4) high-performance internal antennas each
- Push button WPS/SYNC support

### Key Features

- WiFi EasyMesh™ – Nighthawk Mesh WiFi 6 system supports Wi-Fi EasyMesh™ a standard that will bring added flexibility to consumers by enabling this mesh system to interoperate with other satellites or extenders that support the standard in the future
- WiFi 6 supports all current WiFi devices – Backward compatible with WiFi 5 and earlier generation devices
- 4-stream WiFi – Stream smooth 4K UHD content to smart TVs, mobile devices, and gaming consoles
- Powerful quad-core processor – More processing power increases the overall performance of your network
- Whole home WiFi – Eliminate WiFi dead zones by simply placing satellites throughout your home to form a smart, reliable WiFi network for coverage to every room
- Single SSID – Single network name provides seamless room-to-room roaming throughout your home
- Super-fast WiFi – Combined speeds up to 3Gbps keep up with your family's streaming, gaming, and smart home needs
- Reliable coverage – Enjoy strong WiFi throughout homes up to 4,500 sq. ft. This mesh WiFi system includes one WiFi router and two satellites to provide reliable coverage for medium-sized homes
- Uplink & downlink OFDMA<sup>1</sup> – Improved capacity and efficiency
- Elegant design – Compact elegant design of this WiFi System fits with any décor
- Expandable – Add satellites to expand coverage even further. This mesh WiFi system supports Wi-Fi EasyMesh™ for compatibility
- Set up in minutes – Set up and control your home WiFi from the palm of your hand with the Nighthawk App
- Ethernet backhaul – For pre-wired homes, configure your network to use the Ethernet for your backhaul and WiFi for your fronthaul
- Works with existing WiFi devices – Supports current WiFi devices and is backward compatible with 802.11 a/b/g/n/ac client devices (WiFi 5 and below)
- Ethernet ports – Two (2) Gigabit Ethernet ports (1 WAN + 1 LAN) available on the router for your wired applications such as game consoles and smart TVs

- Guest WiFi network – Provide internet access to friends and family without sharing your personal network password
- Compatible with all Internet service providers (ISP) – Just connect to your ISP equipment to create high-speed WiFi for your whole home
- Smart Connect – Intelligently selects the fastest WiFi band for every device connection. One WiFi name for the entire home
- NETGEAR Armor™ – Advanced cyber threat protection for your home and your devices. One year free included\*\*
- 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

### Security

- NETGEAR Armor™ protects you and your family from hackers and viruses on your WiFi network and connected devices. Get peace of mind knowing you have the best-in-class anti-virus, anti-malware, and data protection for your smart devices, smartphones, and computers.\*\*
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Guest WiFi Network is easy to setup separate & secure Internet access for guests
- WPA3-Personal provides more robust password-based authentication

### Warranty

- NETGEAR 1-year limited warranty. [www.netgear.com/warranty](http://www.netgear.com/warranty)
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: [prosupport.netgear.com/home](http://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>

**NIGHTHAWK®****Nighthawk® Mesh WiFi 6 System**

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

<sup>1</sup> One year technical support for Costco customers. Complimentary technical support following purchase from Costco. Visit [www.netgear.com/support](http://www.netgear.com/support)

<sup>†</sup> 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 3,000Mbps wireless speeds achieved when connecting to other 802.11ax 3,000Mbps devices.

<sup>‡</sup> When working with 160MHz clients as compared to a 2x2 AC router that does not support 160MHz.

<sup>\*</sup> Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

<sup>\*\*</sup> NETGEAR Armor requires a paid subscription after the 1 year free trial period. Visit [www.netgear.com/armor](http://www.netgear.com/armor)

For regulatory compliance information, visit [www.netgear.com/about/regulatory](http://www.netgear.com/about/regulatory)

For indoor use only.

NETGEAR, Nighthawk, NETGEAR Armor, and the NETGEAR Logo are trademarks of NETGEAR, Inc. Wi-Fi CERTIFIED EasyMesh is a trademark of Wi-Fi Alliance.

Any other trademarks mentioned herein are for reference purposes only. © 2022 NETGEAR, Inc.