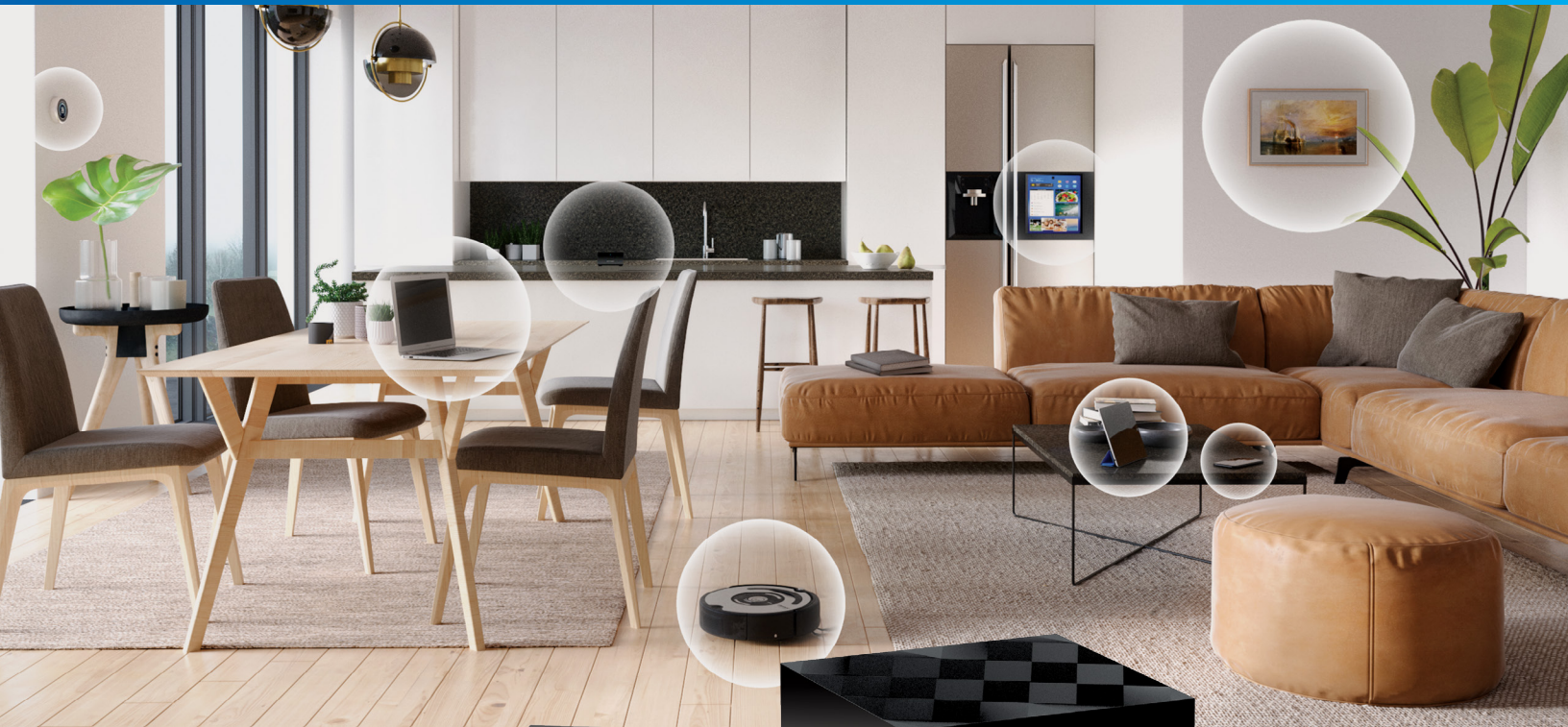


**NIGHTHAWK®**

## Nighthawk® Tri-band Mesh WiFi 6 System



## Advanced Whole Home WiFi

With Nighthawk® Tri-band 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.

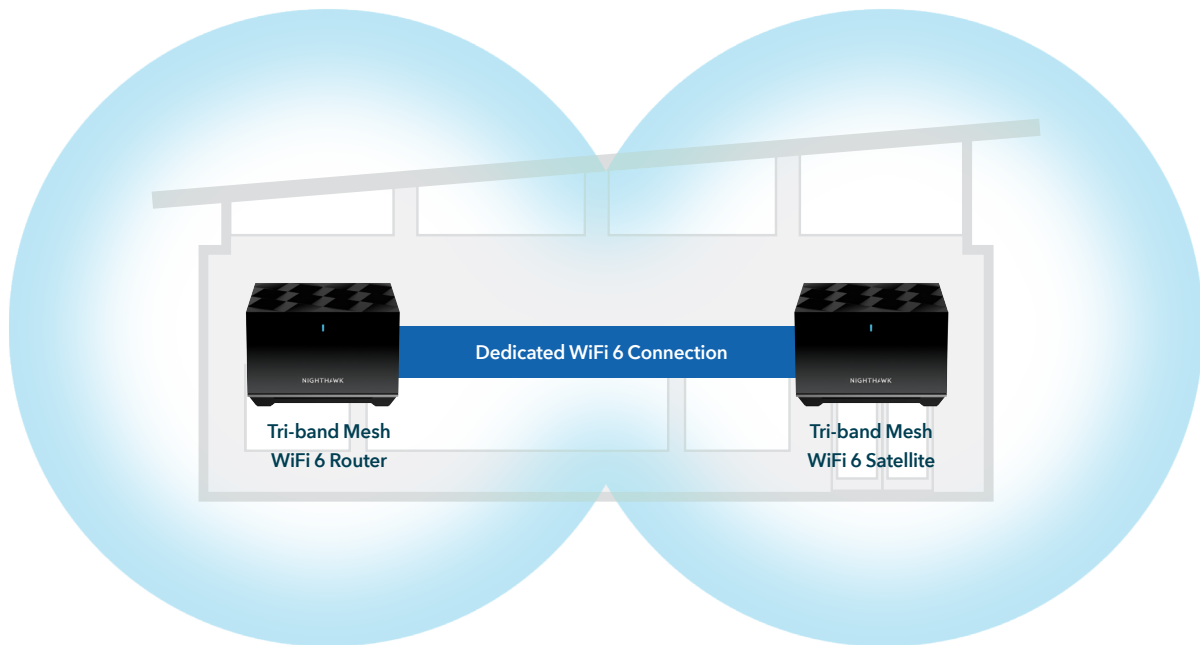
Experience the next generation of WiFi 6, perfect for medium to large homes up to 4,500 sq. ft.<sup>†</sup> and Internet speeds up to 3.6Gbps<sup>†</sup>. The Nighthawk Mesh System comes with a high-power router and satellite to provide you with broad WiFi coverage, so you can eliminate dead

zones by easily placing the satellite wherever needed. Set up in minutes and control your home's WiFi with the Nighthawk App. With NETGEAR Armor™, you get the best-in-class cybersecurity to protect your family from malware, stolen passwords, identity theft, and hacker attacks.

**NETGEAR®**

**NIGHTHAWK®**

# Nighthawk® Tri-band Mesh WiFi 6 System



## 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 4X the performance and capacity of 11ac.<sup>†</sup> 100% backward compatible.

### Super-fast WiFi

Combined WiFi speeds up to 3.6Gbps 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 and coverage to every room.

### Expandable

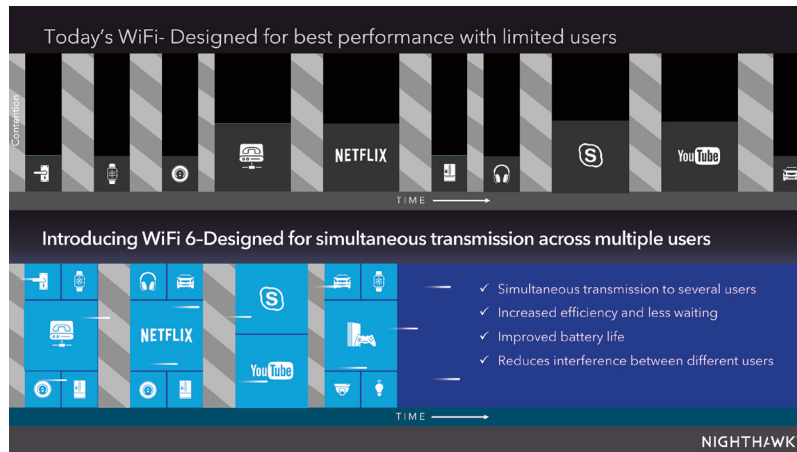
Add satellites to expand your coverage even further. This mesh WiFi system supports Wi-Fi EasyMesh™ for compatibility.

### Compact Design

Sleek, compact design makes it easy to place almost anywhere to enjoy stronger WiFi everywhere.

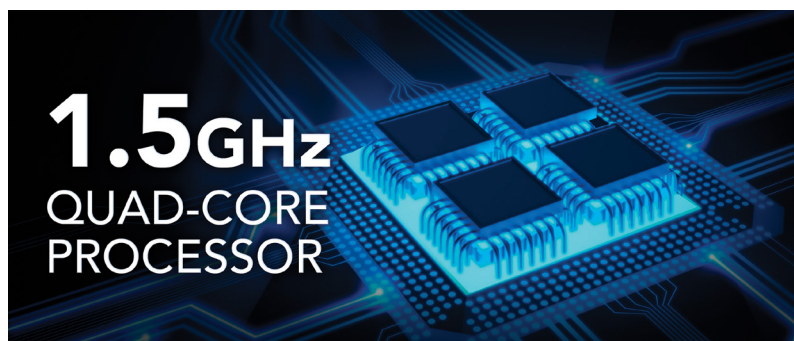
## Orthogonal Frequency Division Multiple Access (OFDMA)

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 Tri-band WiFi 6 Mesh System, powered by a 1.5GHz 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® Tri-band Mesh WiFi 6 System

### Nighthawk App

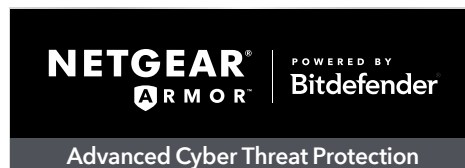
The NETGEAR Nighthawk® App makes it easy to set up your Nighthawk Mesh WiFi 6 System and get more out of your WiFi. With the app, you can install your Mesh WiFi 6 Router and Satellite in a few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once 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™

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 Nighthawk Mesh



**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

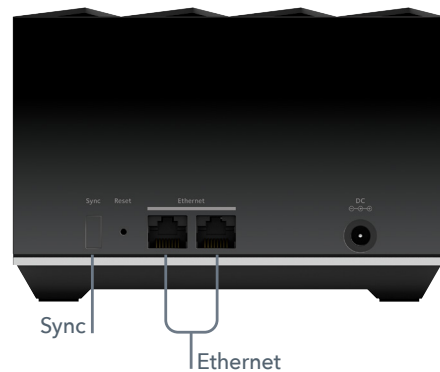
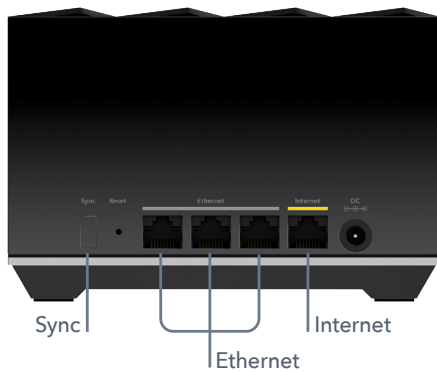
**NIGHTHAWK®**

## Nighthawk® Tri-band Mesh WiFi 6 System

Router (MR80)



Satellite (MS80)

**NETGEAR®**



# NIGHTHAWK®

## Nighthawk® Tri-band Mesh WiFi 6 System

### Box Contents

- One (1) Tri-band Mesh WiFi 6 Router (MR80)
- One (1) Tri-band Mesh WiFi 6 Satellite (MS80)
- One (1) 2m Ethernet cable
- Two (2) 12V/2.5A power adapters
- Quick start guide

### Physical Specifications

- Mesh WiFi 6 Router (MR80)
  - Dimensions: 5.51 x 5.51 x 3.62in
  - Weight: 1.4lb
- Mesh WiFi 6 Satellite (MS80)
  - Dimensions: 5.51 x 5.51 x 3.62in
  - Weight: 1.38lb

### Standards

- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11 b/g/n/ax 2.4GHz–1024-QAM support
  - Radio 2: IEEE® 802.11 a/n/ac/ax 5GHz–1024-QAM support
  - Radio 3: IEEE® 802.11 a/n/ac/ax 5GHz–1024-QAM support
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 3x3 (5GHz)
- Ports – Router
  - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 10/100/1000Mbps Gigabit Ethernet WAN port
- Ports – Satellite
  - Two (2) 10/100/1000Mbps Gigabit Ethernet ports

### Technical Specifications

- AX3600 Router & Satellite (1800 + 1200 + 600Mbps)\*
- MU-MIMO capable for simultaneous data streaming
- Uplink & downlink OFDMA<sup>1</sup> – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellite
  - Powerful quad-core 1.5GHz processor each
- Memory – Router
  - 256MB flash and 512MB RAM

- Antenna
  - Five (5) high-performance internal antennas each
- Push button WPS/SYNC support

### Key Features

- WiFi EasyMesh™ – Nighthawk Tri-band 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 Wi-Fi 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 3.6Gbps keep up with your family's streaming, gaming, and smart home needs
- Reliable coverage – Enjoy strong WiFi throughout homes up to 4,500 square feet. This mesh WiFi system includes one WiFi router and one satellite to provide reliable coverage for large homes
- Uplink & downlink OFDMA<sup>1</sup> – Improved capacity and efficiency
- Elegant design – Compact elegant design of this WiFi System fits with any decor
- Expandable – Add satellites to expand coverage even further. This mesh WiFi system supports Wi-Fi EasyMesh™ for compatibility
- Setup 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
- Ethernet ports – Four (4) Gigabit Ethernet ports (1 WAN + 3 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<sup>††</sup>
- Nighthawk App – Easily set up your router and get more out of your WiFi. Includes remote access to manage your network away from home

### Support

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

### Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Guest network access – Separate & secure
- VPN support – Secure access to your home network away from home
- WPA3 – Personal provides more robust password-based authentication
- NETGEAR Armor™ – Advanced cyber threat protection for your home network and your connected devices<sup>††</sup>

### 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)

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 3,600Mbps wireless speeds achieved when connecting to other 802.11ax 3,600Mbps devices.

‡ As compared to an AC1200 2x2 router.

<sup>1</sup> Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

†† NETGEAR Armor™ is free during the trial period. A yearly subscription, after the trial period, protects your connected devices. Visit [www.netgear.com/armor](http://www.netgear.com/armor)

For regulatory compliance information, visit <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 EasyMesh is a trademark of Wi-Fi Alliance. Any other trademarks mentioned herein are for reference purposes only. © 2020 NETGEAR, Inc.