NIGHTHAWK®

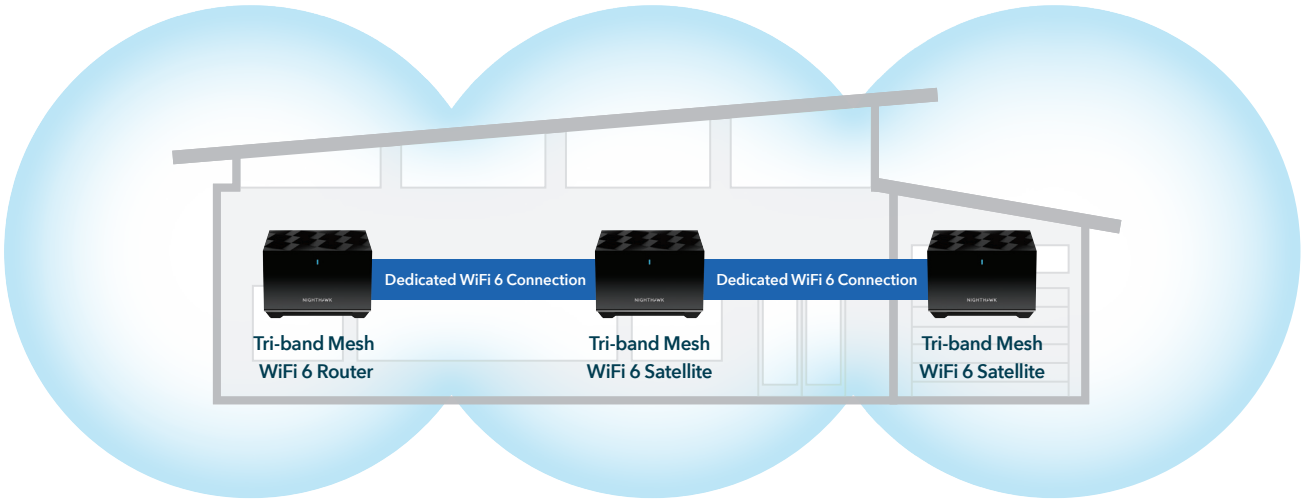
Nighthawk® Tri-band Mesh WiFi 6 System

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 6,750 sq. ft.† and up to Gigabit internet speeds. The Nighthawk Tri-band Mesh WiFi 6 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 the satellites 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®



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.‡ 100% backward compatible.

Super-fast WiFi

Combined WiFi speeds up to 3.6 Gbps 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

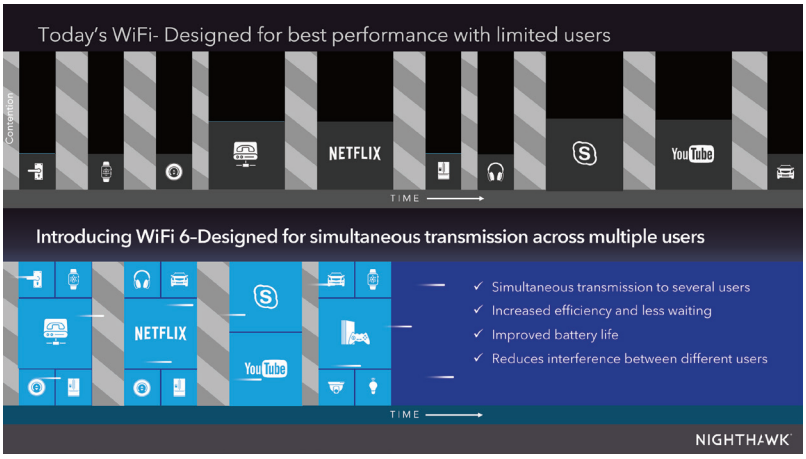
Sleek, compact design makes it easy to place almost anywhere to enjoy stronger WiFi everywhere.

Customize your WiFi

Create a separate 2.4GHz and 5GHz WiFi with unique network names that won't interfere with main WiFi.

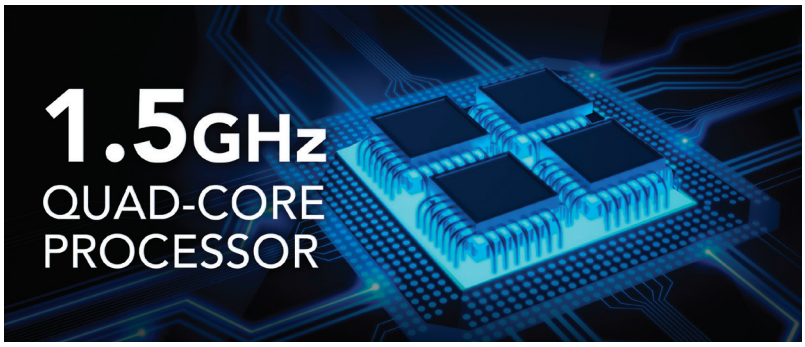
Orthogonal Frequency Division Multiple Access (OFDMA)

Using the OFDMA[1] 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

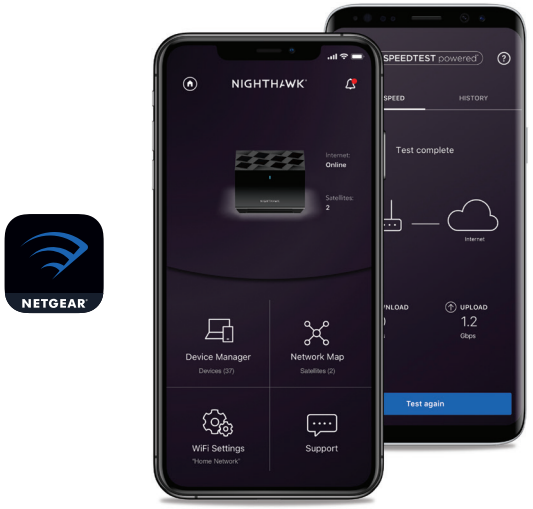
The Nighthawk Tri-band WiFi 6 Mesh System, powered by a 1.5 GHz quad-core processor, is built for performance at an ultimate level. The ultra-fast processor enables the router to seamlessly handle data-intensive applications such as 4K UHD video streaming, VR/AR gaming, as well as provide a stronger, 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 App

The NETGEAR Nighthawk® App makes it easy to set up your Nighthawk Tri-band Mesh WiFi 6 System and get more out of your WiFi. With the app, you can install your Tri-band 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



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 Nighthawk Mesh

ANTIVIRUS & RANSOMWARE PROTECTION—Keeps you safe from phishing and online fraud

VULNERABILITY ASSESSMENT—Scans and identifies networksecurity flaws

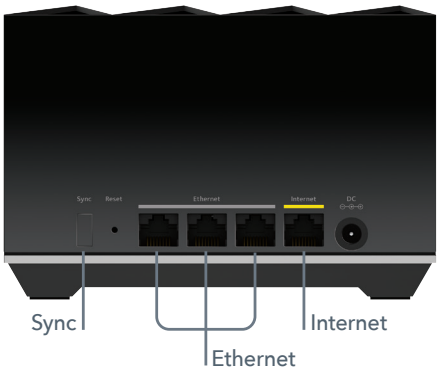
BITDEFENDER TOTAL SECURITY 2020—Protects all connected devices at home and on-the-go

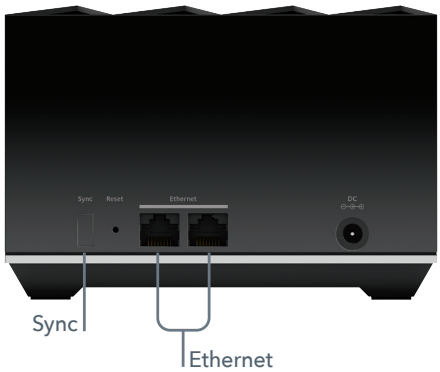
BITDEFENDER VPN—Encrypts your internet connection to keep your online activity private even while you're on unsecured public networks

STAY SAFE EVEN WHEN AWAY FROM HOME WIFI—Stay in the know with Nighthawk App. Anywhere, anytime

Router (MR80)

Satellite (MS80)





NIGHTHAWK®

Nighthawk® Tri-band Mesh WiFi 6 System

Box Contents

- One (1) Tri-band Mesh WiFi 6 Router (MR80)
- Two (2) Tri-band Mesh WiFi 6 Satellites (MS80)
- One (1) 2 m Ethernet cable
- Three (3) 12V/2.5 A power adapters
- Quick start guide

Network Requirements

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

Physical Specifications

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

Standards

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

Technical Specifications

- AX3600 Router & Satellites (1800 + 1200 + 600 Mbps)†
- MU-MIMO capable for simultaneous data streaming
- Uplink & downlink OFDMA[1] – Improved capacity and efficiency
- Explicit Beamforming for 2.4 GHz & 5 GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 1.5 GHz processor each
- Memory – Router
  - 256 MB flash and 512 MB 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
- 7-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
- Customize your WiFi – Create a separate 2.4GHz and 5GHz WiFi with unique network names that won't interfere with main WiFi
- Super-fast WiFi – Combined speeds up to 3.6 Gbps keep up with your family's streaming, gaming, and smart home needs
- Dynamic QoS – Automatically prioritizes video streaming, gaming, and video conferencing applications, such as Zoom and Microsoft Teams to ensure a seamless experience during work or play
- Reliable coverage – Enjoy strong WiFi throughout homes up to 6,750 sq. ft. This mesh WiFi system includes one WiFi router and two satellites to provide reliable coverage for large homes
- Uplink & downlink OFDMA[1] – 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††
- 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

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
- WPA3 – Personal provides more robust password-based authentication
- NETGEAR Armor™– Advanced cyber threat protection for your home network and your connected devices††

Warranty*

- www.netgear.com/warranty
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: 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 3,600 Mbps wireless speeds achieved when connecting to other 802.11ax 3,600 Mbps devices.

‡ As compared to an AC1200 2x2 router.

[1] 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

For regulatory compliance information, visit http://www.NETGEAR.com/about/regulatory

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