

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 it has combined speeds of up to 3.6Gbps. 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 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.

Experience the ease of managing your kids' time online across their connected devices and promote healthy habits anywhere they go with NETGEAR Smart Parental Controls^{™∞}.

[∞]NETGEAR Smart Parental Controls[™] are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC for availability.

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.‡ 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 and reliable WiFi network.

Expandable

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

Super-Fast Tri-band WiFi

Tri-band WiFi with a dedicated WiFi connection between the Router and Satellite that keeps up with your family's streaming, gaming, and smart home needs.

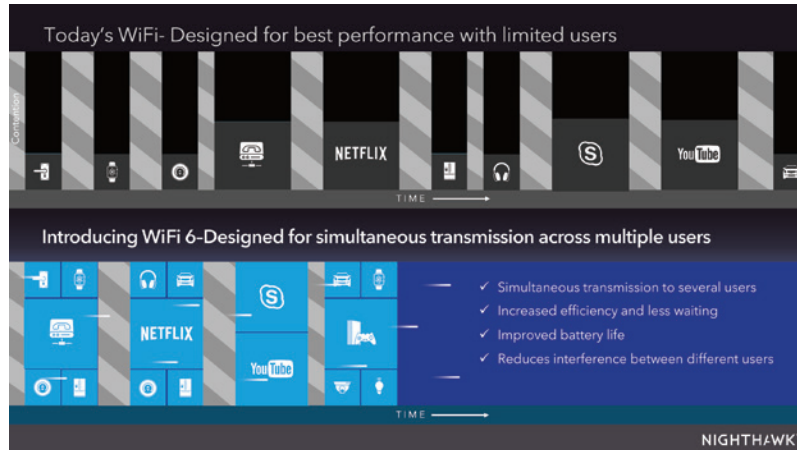
Customize Your Network

Create a separate 2.4GHz WiFi with a unique network name that won't interfere with other connections.

NETGEAR®

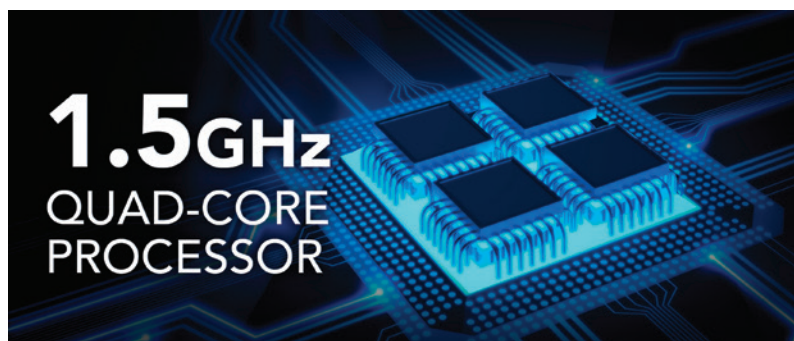
Orthogonal Frequency Division Multiple Access (OFDMA)

Using the OFDMA¹ 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.



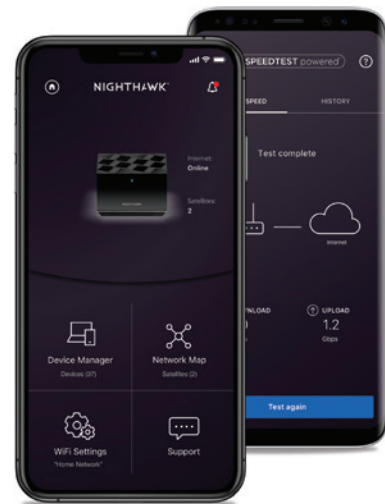
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Nighthawk® Tri-band Mesh WiFi 6 System

Nighthawk App

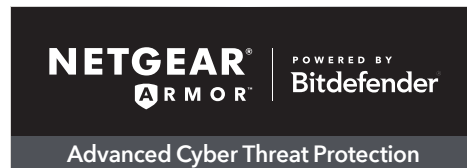
The NETGEAR Nighthawk® App makes it easy to set up your Nighthawk Tri-band Mesh WiFi 6 System and get more out of your WiFi. With the app, you can install your Tri-band Mesh WiFi 6 Router and Satellite in a few steps—just connect your mobile device to the router network and the app will walk you through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

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.

NETGEAR Smart Parental Controls™∞

Creating the safest online experience for your kids is important and our built-in Smart Parental Controls makes it easy.

You are in control of your kids' Internet connection:

- Pause the Internet for needed breaks
- Create custom profiles to manage online time for each kid

With the Premium subscription*, you get even more insights into your kids' online activities to promote healthy habits:

- Get a detailed report of your kids' Internet usage and block any sites
- Customize filters for your kids and limit their Internet time

Key Features:

PROFILES



PAUSE

CONTENT
FILTERTIME
LIMITS

REWARDS

DEVICE
USAGEWEB
HISTORY

OFFTIME



BEDTIME

*NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability.

* NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. Visit netgear.com/spc for more information.

Router (MR80)

Sync | Ethernet | Internet
Ethernet

Satellites (MS80)

Sync | Ethernet
Ethernet

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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) 2m Ethernet cable
- Three (3) 12V/2.5A 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 3.62in
 - Weight: 1.4lb
- Tri-band Mesh WiFi 6 Satellites (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)
- IEEE® 802.11 a/b/g/n/ac/ax
- Ports – Router
 - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports
 - One (1) 10/100/1000Mbps Gigabit Ethernet WAN port
- Ports – Satellites
 - Two (2) 10/100/1000Mbps Gigabit Ethernet ports

Technical Specifications

- AX3600 Router & Satellites (1800 + 1200 + 600Mbps)*
- MU-MIMO capable for simultaneous data streaming
- Uplink & downlink OFDMA¹ – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellites
 - 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
- 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 3.6Gbps 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 6,750sq.ft. This mesh WiFi system includes one WiFi router and two satellites to provide reliable coverage for large homes
- Uplink & downlink OFDMA¹ – 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 network and your connected devices^{††}
- NETGEAR Smart Parental Controls™ – Easily manage your kids time online across their connected 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^{††}
- NETGEAR Smart Parental Controls™ – Easily manage your kids time online across their 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

NIGHTHAWK®

Nighthawk® Tri-band Mesh WiFi 6 System



Wi-Fi CERTIFIED EasyMesh™

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.

¹ Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

†† NETGEAR Armor™ requires a paid subscription after the initial 30-day free trial. Visit netgear.com/armor

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

For indoor use only.

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