NIGHTHAWK®

Certified with AT&T, T-Mobile, and Verizon. Not compatible with Sprint.[1]

Maximize Your Home Internet Options with 4G LTE

Built with the latest generation WiFi 6 technology, the NETGEAR® Nighthawk® AX4 4G LTE WiFi 6 Router provides speeds up to 1.8Gbps so you can connect, stream, and download faster to newer mobile devices. 4G LTE is a flexible Internet option and this router is compatible with most major LTE cellular networks[1]. This router lets you seamlessly switch over to 4G LTE when your existing Internet service fails. Powerful quad-core processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming, and audio/video chats. Engineered to deliver up to 4 times the data capacity over previous standards, WiFi 6 technology with OFDMA, allows more devices to connect and stream simultaneously, without impacting speed or reliability. 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®

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.

With innovative technologies, such as Orthogonal Frequency-Division Multiple-Access (OFDMA) and intelligent scheduling, 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.

Capacity
WiFi 6 gives you improved network capacity for more WiFi devices. Have more fun with the uninterrupted 4K 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 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 peformance, on the router amplify WiFi signals for maximized range and reliable coverage.
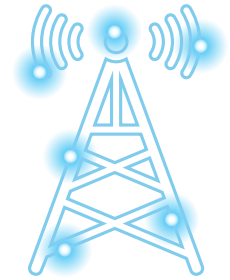
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4G LTE for Flexible Connectivity

Access 4G LTE on the cellular network as an alternative
to wired Internet.

Reliable and Always-on Internet

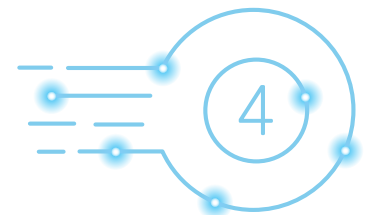Seamlessly switch over to 4G LTE when your existing Internet
service is unavailable.

Greater than 1Gbps WiFi Speeds

Enjoy greater than 1Gbps WiFi speeds for blazing-fast streaming
and downloading to newer mobile devices.

>1Gbps

4-Stream AX WiFi 6

Stream smooth 4K UHD content to smart TVs, mobile devices,
and gaming consoles.

4

NETGEAR®

Speed

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

1.5X BETTER PERFORMANCE THAN AN AC ROUTER–4-stream WiFi with up to 1.8Gbps[†] for fast wireless speeds[‡]

UP TO 1.8GBPS[†] SPEEDS–600Mbps + 1200Mbps with 4-stream connectivity[**]

5 GIGABIT PORTS–Connect more wired devices for faster file transfer and uninterrupted connections with 1 WAN & 4 LAN Ethernet ports

1024-QAM–25% increased data efficiency and faster speeds than a 256-QAM router

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–OFDMA[§] allows efficient data transmission at the same time

AX-OPTIMIZED POWERFUL PROCESSOR–Quad-core processor ensures smooth 4K UHD streaming

WiFi Range

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

ULTIMATE RANGE–WiFi coverage throughout very large homes

MAXIMIZE RANGE–Two (2) high-power external antennas extend wireless range coverage indoors and out

Nighthawk AX4
4G LTE WiFi 6 Router

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 drives via one (1) USB port

Reliable Connections

There's nothing more frustrating than lost connections! With NETGEAR's advanced features & best-in-class technology, you'll reduce interference & enjoy more reliable WiFi connectivity.

CELLULAR SERVICE FOR HOME INTERNET—Certified with AT&T, T-Mobile, and Verizon. Not compatible with Sprint[1]. Select a data plan and activate a SIM card from your preferred provider, or use the SIM card option included in box[2]

ALWAYS-ON INTERNET—Seamlessly switch over to 4G LTE when your existing Internet service fails.

ADDITIONAL DFS CHANNELS—Reduce interference from neighboring networks

SIMULTANEOUS DUAL BAND WIFI—Reduces interference for better connections to more WiFi devices

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!

NIGHTHAWK® APP—Easily set up your LTE router and get more out of your WiFi. Includes access from anywhere to manage your network away from home

AX WIFI SUPPORTS ALL CURRENT WIFI DEVICES—WiFi 6 supports all current WiFi device and is backward compatible with WiFi 5 and earlier generation devices

NETGEAR®

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—On PC, MAC, & now also with OpenVPN Connect app on iOS & Android, securely access your home network & Internet connection from your mobile device remotely

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

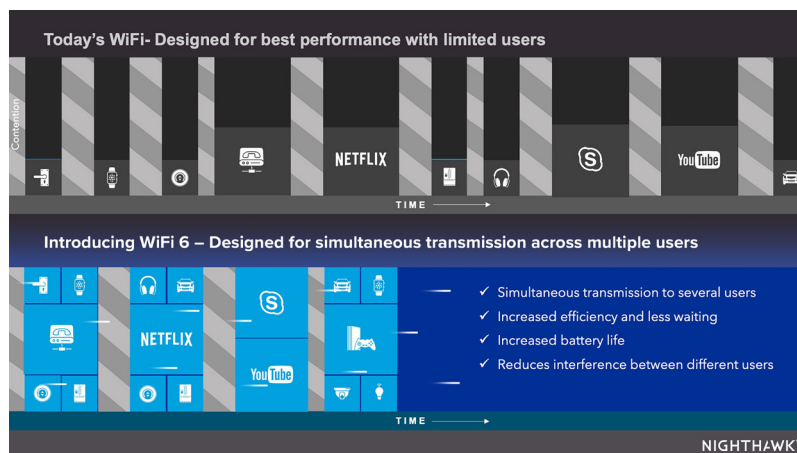**GUEST NETWORK**—Separate and secure network for your guests

AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router

LATEST SECURITY STANDARD—Supports WPA3 the latest and cutting-edge Wi-Fi security protocol

Orthogonal Frequency Division Multiple Access (OFDMA)

Using the uplink and downlink OFDMA 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 in an efficient use of air-time, reduced latency, and increased bandwidth to add more devices to your network.
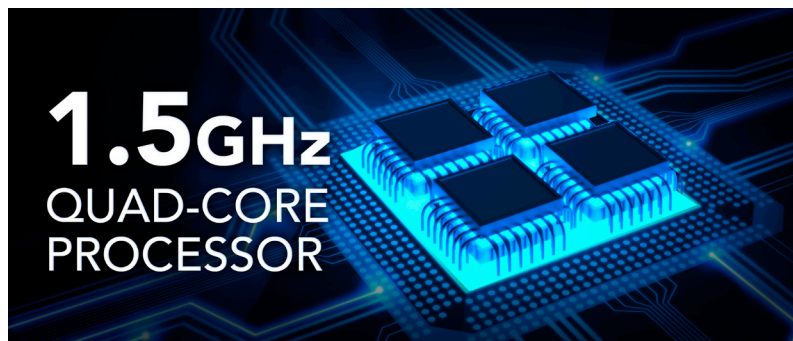
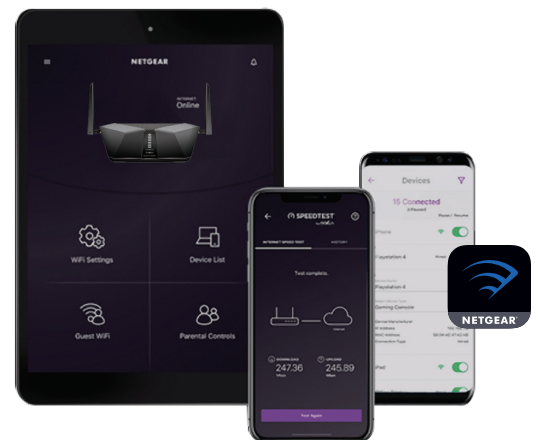## Ultra-powerful AX-optimized Quad-core Processor

The Nighthawk AX4 LTE WiFi Router, powered by a 64-bit 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/8K 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 LTE 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 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

NIGHTHAWK®

NETGEAR Armor™
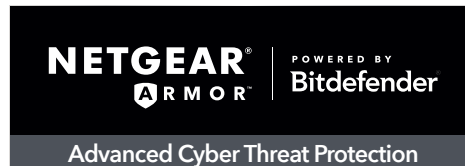
NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your home network or take action on vulnerabilities as they are discovered easily through the Nighthawk App.

NETGEAR® ARMOR™ | POWERED BY Bitdefender®

Advanced Cyber Threat Protection

Powerful Security on Your NETGEAR LTE Router

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

VULNERABILITY ASSESSMENT—Scans and identifies networksecurity flaws

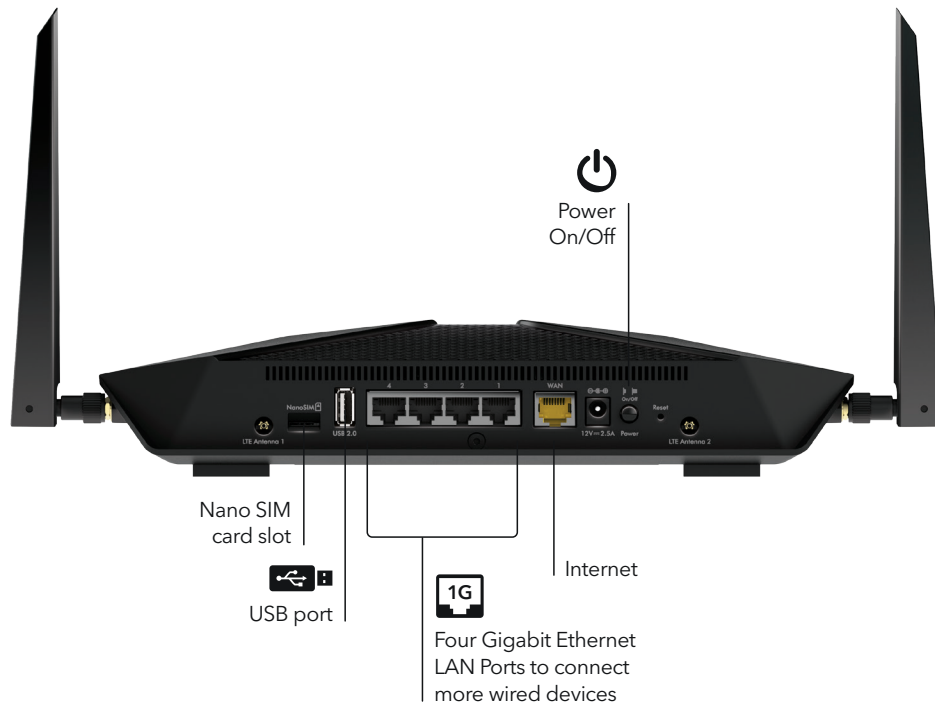BITDEFENDER TOTAL SECURITY 2020—Protects all connected devices at home and on-the-go

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

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Connection Diagram

Power On/Off

Nano SIM card slot

USB port

1G
Four Gigabit Ethernet LAN Ports to connect more wired devices

Internet

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Nighthawk AX4
4G LTE WiFi 6 Router

Package Contents

- Nighthawk® 4 Stream LTE WiFi 6 Router (LAX20)
- Ethernet cable
- 2 external WiFi antenna
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 11.64 x 8.11 x 2.25 in (295.8 x 206 x 57.2 mm)
- Weight: 1.27 lb (580 g)

Technical Specifications

- LTE Cat 6
- 4G LTE bands: b2, 4, 5, 7, 12, 13, 25, 26, 29, 30, 66; 3G bands: B2, 4, 5
- TS9 connectors
- WiFi 6 (802.11ax) Dual Band WiFi (AX1800)
  - 2.4G: 600Mbps, 40/20MHz 1024/256-QAM
  - 5G: 1200Mbps, 80/40/20MHz 1024-QAM
  - Backwards compatible with 802.11a/b/g/n/ac WiFi
- Uplink & downlink OFDMA§—Improved capacity and efficiency
- Powerful quad-core processor
- One (1) USB 2.0 port
- Memory: 512MB flash and 512MB RAM
- Additional DFS channels reduce interference from neighboring networks

- Longer range with 2 high-performance antennas
- Five (5) 10/100/1000Mbps Gigabit Ethernet ports
  - 1 WAN & 4 LAN

Key Features

- 1.5X better performance than an AC router—4-stream WiFi with up to 1.8Gbps for fast wireless speeds**
- More WiFi for more devices—OFDMA allows efficient data transmission to multiple devices at the same time. Uplink OFDMA improves scheduling during high volumes of upload traffic, particularly when that traffic is created simultaneously§
- WiFi 6 optimized powerful processor— Quad-core processor ensures smooth 4K/8K UHD streaming & gaming - ideal for Gigabit Internet speeds
- 4 Gigabit LAN Ethernet ports—Connect more wired devices for faster file transfer and uninterrupted connections
- 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
- NETGEAR Armor™—Advanced cyber threat protection for your home and your devices††
- WiFi 6 supports all current WiFi devices and is backward compatible with WiFi 5 and earlier generation devices

Support

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

System Requirements

- Microsoft® Windows 7, 8, 10, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 11 or higher, Microsoft Edge, Google Chrome® 55 or higher, Firefox® 45 or higher, Safari® 10 or higher

Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Automatic firmware update delivers latest security patches to the router
- Guest network access—separate & secure
- VPN Support—Secure access to your home network away from home
- Latest security standard—Supports WPA3 the latest and cutting-edge Wi-Fi security protocol
- 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.

This router may not support all the mandatory features as ratified in Draft 3.0 of IEEE 802.11AX specification.

† 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. NETGEAR makes no representations or warranties about this product's compatibility with AX standards. Up to 1800 Mbps wireless speeds achieved when connecting to other 802.11ax 1800 Mbps devices.

‡ As compared to an AC1200 2x2 router.

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

¹ Network must support a subset of the 4G LTE bands listed under the Technical Specifications.

² Fees apply based on data service plan selected.

³ Actual LTE speed may vary depending on network conditions and internet data plans.

For indoor use only.

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