NIGHTHAWK®
PRO GAMING

Advanced Gaming & Streaming

Nighthawk® Pro Gaming XR1000 WiFi 6 Gaming Router improves your internet connection by stabilizing ping, reducing lag spikes, and keeping you in the game with reliable wired and wireless connectivity for fast-paced gaming. WiFi 6 allows more devices to connect and stream simultaneously by efficiently packing and scheduling data. Optimize your gaming experience with reduced ping rates up to 93%††, geo fencing, ping heatmap, and more.

NETGEAR®

XR1000 Nighthawk WiFi 6 Gaming Router

Pro Gaming

Stay in the game with reliable connectivity for fast-paced gaming. Optimize your Internet connection by stabilizing ping and reducing lag spikes.

POWERED BY DUMAOS 3.0–Enjoy faster online gaming and smoother streaming with a Router OS built especially for gamers

GEO FENCING–Customize and filter which game servers you play on for an elevated gaming experience

PING HEATMAP–Ping your favorite game servers to display your connection quality to each server on a World Map

CONNECTION BENCHMARK–Test your connection's speed, ping, & performance under peak congestion.

BANDWIDTH ALLOCATION (QOS)–Prioritize gaming devices and allocate bandwidth per device or application

TRAFFIC CONTROLLER–Blocks traffic by device or application on a schedule

GIGABIT ETHERNET TO WIFI–Gigabit Ethernet to WiFi, 5 ports (1 WAN & 4 LAN)

Geo Fencing

Ping Heatmap

Bandwidth Allocation

Traffic Controller

Speed

Get blazing fast WiFi and high-speed Gigabit Ethernet ports for all your gaming needs.

4.5X BETTER PERFORMANCE THAN AN AC ROUTER–6-stream WiFi with up to 5.4Gbps† for fast wireless speeds‡

UP TO 5.4GBPS† SPEEDS–600Mbps + 4800Mbps with 6-stream connectivity**

160MHZ CHANNEL SUPPORT*–Enjoy greater than 1Gbps WiFi speeds for blazing fast streaming and downloading to newer mobile devices

SUPERSPEED USB 3.0 PORT–Up to 10x faster than USB 2.0

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

WiFi Range

Got range? Homes come in all shapes and sizes and the XR1000 Nighthawk WiFi 6 Gaming Router provides WiFi coverage for ultimate coverage.

ULTIMATE RANGE–WiFi coverage throughout very large homes

MAXIMIZE RANGE–Four (4) high-power external antennas extend wireless range coverage indoors and out

Sharing

With NETGEAR, sharing across your network is fun and easy, such as accessing stored photos & music.

USB 3.0 PORT–Faster streaming, backup and easy access to your stored media

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.

BEAMFORMING+–Improve range and performance for both 2.4 and 5GHz devices

SIMULTANEOUS DUAL BAND WIFI–Supports two WiFi bands simultaneously to double the available bandwidth and provide a reliable, dedicated WiFi network for smooth online gaming without any network congestion

ADDITIONAL DFS CHANNELS–Reduce interference from neighboring networks

SMART CONNECT–Intelligently selects the fastest WiFi band for every device connection. One WiFi name for the entire home

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 router and get more out of your WiFi. Includes remote access 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

VOICE CONTROLLED BY AMAZON ALEXA® & THE GOOGLE ASSISTANT– Control your NETGEAR WiFi network with simple voice commands

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[1]. 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

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.

Higher Performance

40% faster speed improves online & cloud gaming experience.

Reduced Latency

OFDMA and MU-MIMO improve the Airtime efficacy and further helping to reduce the network jitter and latency.
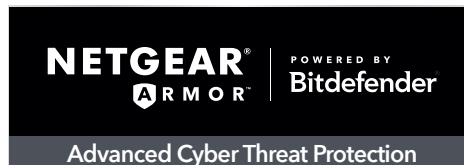
160MHz Channel Support

Doubles the bandwidth and delivers 2X faster speed to your gaming PC and laptops.

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 Router

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

VULNERABILITY ASSESSMENT—Scans and identifies networksecurity flaws

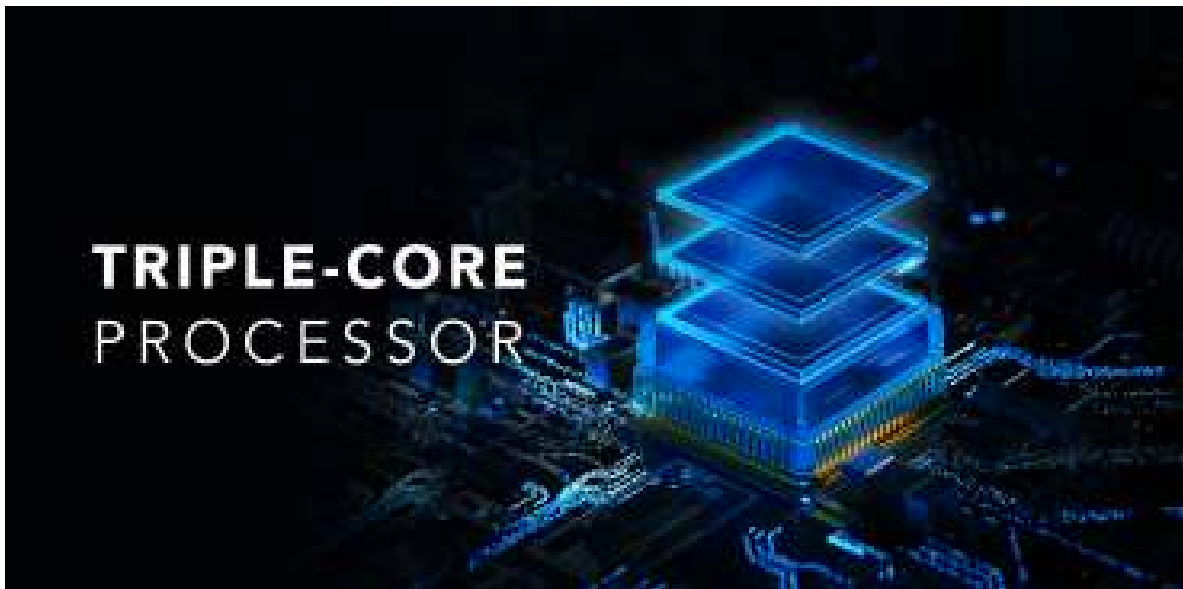**BITDEFENDER TOTAL SECURITY 2020**—Protects all connected devices at home and on-the-go

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

Powerful Triple-core 1.5GHz Processor

Faster and more powerful processor supports more devices for better VR gaming, 4K streaming, surfing, and more. It also boosts your wireless, wired, and USB performance.
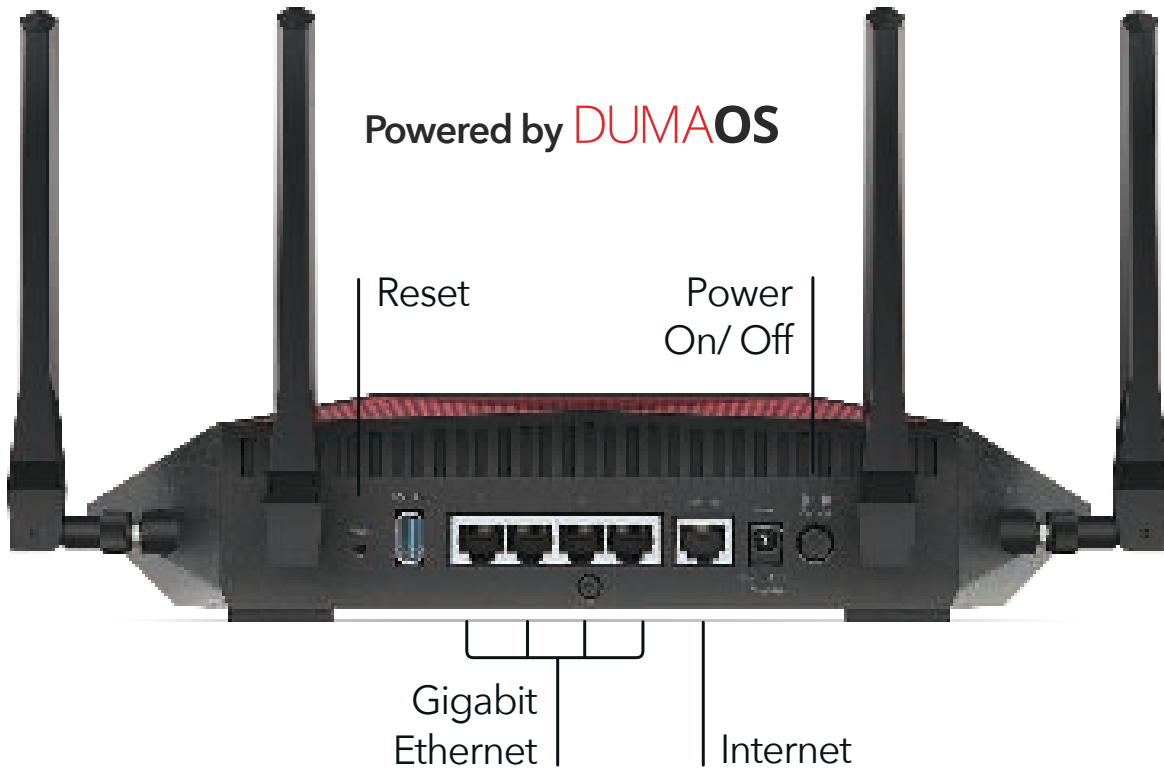

Orthogonal Frequency Division Multiple Access (OFDMA)

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.

Connection Diagram

Powered by DUMA**OS**

Reset

Power
On/ Off

Gigabit
Ethernet

Internet

XR1000 Nighthawk WiFi 6 Gaming Router

Package Contents

- WiFi 6 Pro Gaming Router (XR1000)
- 4 detachable antennas
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 11.61 x 7.87 x 2.51 in (295 x 200 x 64 mm)
- Weight: 1.32 lb (600 g)

Standards

- One (1) USB 3.0 port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000Mbps–(1 WAN & 4 LAN) Gigabit Ethernet ports

Technical Specifications

- WiFi 6 (802.11ax) dual band WiFi (AX5400)
  - 2.4GHz AX: 2x2 (Tx/Rx) 1024/256 QAM 20/40MHz, up to 600Mbps[†]
  - 5GHz AX: 4x4 (Tx/Rx) 1024-QAM 20/40/80/160MHz, up to 4.8Gbps[†]
  - Backwards compatible with 802.11a/b/g/n/ac WiFi
- Powerful 1.5GHz triple-core processor
- Memory: 256MB flash and 512MB RAM
- Explicit Beamforming for 2.4 & 5GHz bands
- IPv6 Support (Internet Protocol Version 6)
- On/Off WiFi switch

Key Features

- Powered by DumaOS 3.0–Enjoy faster online gaming and smoother streaming with a Router OS built especially for gamers
- Geo Fencing–Customize and filter which game servers you play on for an elevated gaming experience
- Ping Heatmap–Ping your favorite game servers to display your connection quality to each server on a World Map
- Bandwidth Allocation (QoS)–Prioritize gaming devices and allocate bandwidth per device or application
- Connection Benchmark–Test your connection's speed, ping, & performance under peak congestion
- Network Monitor–Check bandwidth-hogging devices and identify what causes lag
- Quad stream & 160MHz for faster speeds
- Ad blocker–Block unwanted ads and sites across all your devices
- Beamforming+ for more reliable connections
- ReadySHARE® USB to share your USB hard drive & printer
- ReadySHARE® Vault–PC software for automatic backup to USB hard drive connected to the router
- Nighthawk App–The Nighthawk App makes it easy to set up your router and get more out of your WiFi
- Amazon Cloud backup

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

- Hybrid VPN–Select which traffic to protect for privacy and which to pass through directly to avoid any lag or data charges with this flexible VPN client
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention
- NETGEAR Armor™–Advanced cyber threat protection for your home network and your connected devices[1]
- Latest security standard–Supports WPA3, the latest, cutting-edge Wi-Fi security protocol

Support

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

Warranty

- www.netgear.com/warranty
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: prosupport.netgear.com/home

[†] 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 5400Mbps wireless speeds achieved when connecting to other 802.11ax 5400Mbps devices.

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

[††] Using Dumas OS software reduces ping rate by up to 93%, from 275ms to 64ms vs non congestion 49ms ping rate, when all QoS features (Congestion Control, bandwidth allocation, and traffic prioritization) are enabled on the XR1000 and PS4, Testing was performed using 100Mbps down/20Mbps up internet connection with multiple devices consuming the 100Mbps connection. Tested with significant congestion on network, including Call of Duty" Black Ops 4, BitTorrent downloading, and HD video streaming. (The actual performance may vary as a result of Internet connection and environmental factor).

D-XR1000-0