XR300 Nighthawk® Pro Gaming Router

Optimized Gaming Performance

XR300 Nighthawk® Pro Gaming WiFi Router uses state-of-the-art software to elevate your gaming experience by reducing lag spikes, ensuring quality local connections, and keeping you in the game with reliable wired and wireless connectivity for fast-paced gaming. Personalize your gaming dashboard to view real-time bandwidth utilization by device, ping and many other parameters. Get a guaranteed local connection to limit lag with Geo-Filter and enable Quality of Service to ensure gaming traffic is always prioritized and gets maximum bandwidth.
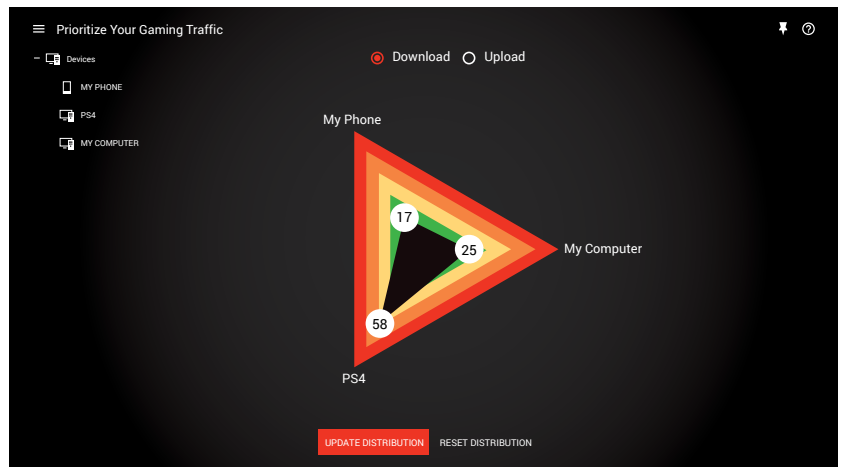
Guarantee Local Game Hosts

Geo-Filter lets you fix your gaming lag by limiting distance to servers or other players. You can get a guaranteed local connection and create a blacklist or whitelist of your preferred servers.
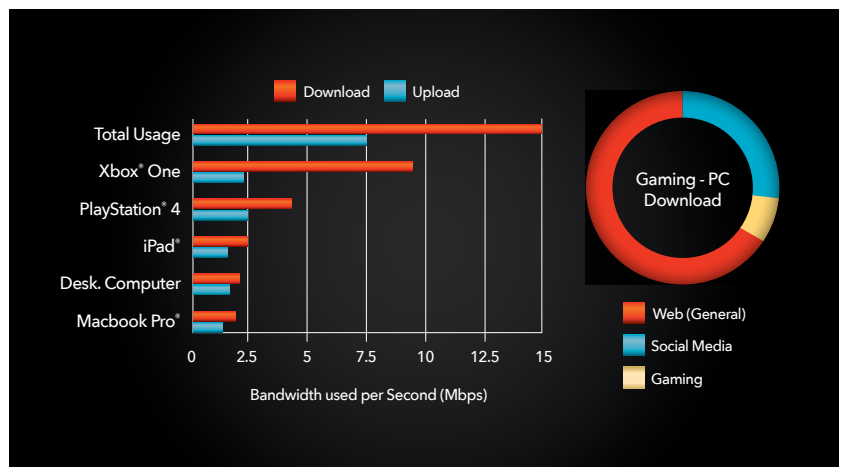

Best-in-Class Quality of Service (QoS)

Prioritize gaming devices and allocate bandwidth by device to eliminate lag due to queuing at the ISP network with Quality of Service (QoS). Control the maximum upload and download speeds per device on the network to minimize sudden lag spikes while gaming.

Monitor Your Network

View real-time bandwidth activity by device and adjust on the fly.

Speed

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

Blazing Fast WiFi—Fast WiFi technology—up to 1750Mbps speed —for instant downloads and backup

DUAL-CORE PROCESSOR—1.0GHz processor boosts wireless, wired & WAN-to-LAN performance

GIGABIT WIRED—Ideal for HD gaming & streaming

Pro Gaming

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

GAMING DASHBOARD—View real-time bandwidth utilization by device, ping and many other parameters

GEO-FILTER—Control your lag by limiting distance to game servers or other players

QUALITY OF SERVICE—Prioritize gaming devices and allocate bandwidth by device

NETWORK MONITOR—Check bandwidth-hogging devices and identify what causes lag

WiFi Range

Got range? Homes come in all shapes and sizes and the XR300 Nighthawk® Pro Gaming Router provides WiFi coverage for ultimate coverage.

ULTIMATE RANGE—WiFi coverage throughout very large homes

THREE HIGH-PERFORMANCE ANTENNAS—Power for better WiFi coverage, faster speeds, and less interference

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

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!

PUSH 'N' CONNECT–Easy push button WiFi connections (WPS)

POWER ON/OFF–Convenient power savings

LED ON/OFF SWITCH–Easily turn LEDs on or off

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.

VPN SUPPORT–OpenVPN Connect app on iOS and Android® allows secure remote access to the home network

SECURE WIFI CONNECTIONS– Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
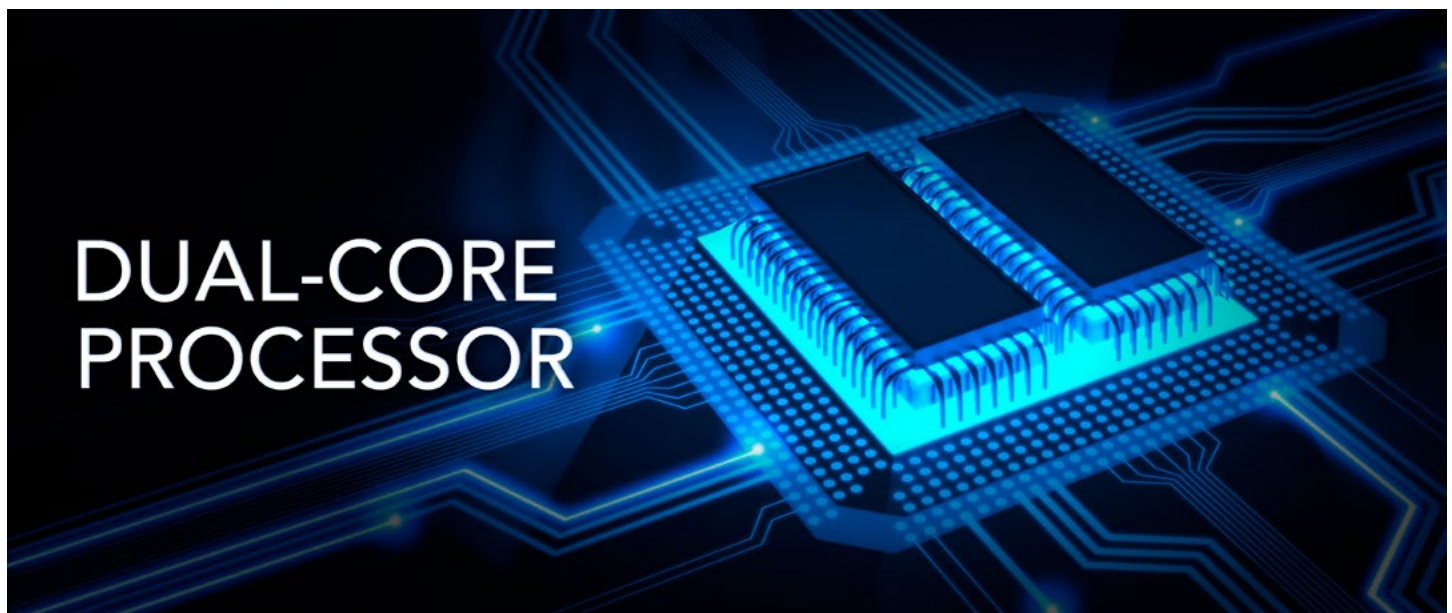
Beamforming+—For More Reliable Connections

Unlike typical WiFi routers that just blast the WiFi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the WiFi signal to the device. Boosting speed, reliability, and range for both Implicit and Explicit 2.4 & 5GHz WiFi devices, the result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- WiFi Signal Focus—Focuses signals from the wireless router to WiFi devices like smartphones, tablets & laptops

- Automatic Signal Management—Checks with your device to keep WiFi signal at its optimal strength

- Device Connections—Designed for home environments to support multiple WiFi device connections for highest quality

- WiFi Coverage—Reduces dead spots, & boosts signal strength

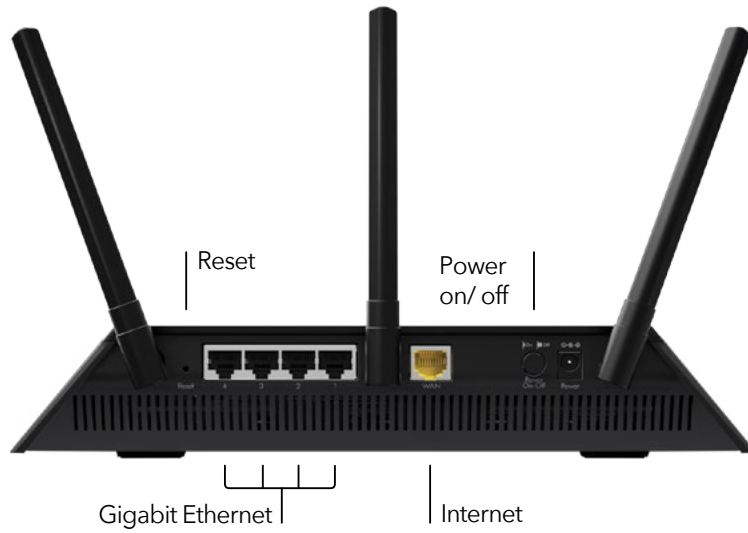- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi—an industry first

Powerful Dual-core 1.0GHz Processor

Wired or wireless, XR300 powered by a powerful 1.0GHz dual-core processor designed to transfer Multi-Gigs of data. Full-packet processing offload means zero load on the CPU. Enjoy smoother Ultra-HD 4K video streaming and gaming without interruptions.

XR300 Nighthawk® Pro Gaming Router

Connection Diagram

Reset

Power on/ off

Gigabit Ethernet

Internet

Connect more devices with 4 Gigabit Ethernet LAN ports

XR300 Nighthawk® Pro Gaming Router

Package Contents

- XR300 Nighthawk Pro Gaming Router (XR300)
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 7.20 x 11.22 x 2.44 in (183 x 285 x 62 mm)
- Weight: 1.58lb (719g)

Standards

- IEEE® 802.11 b/g/n 2.4GHz + 64 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz

Technical Specifications

- AC1750 (450Mbps @2.4GHz + 1300Mbps @5GHz 11ac)†
- Simultaneous dual band Wi-Fi–Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Memory: 128 MB flash and 512 MB RAM
- Three (3) external antennas
- Explicit Beamforming for 2.4 & 5GHz bands
- Five (5) 10/100/1000Mbps Gigabit Ethernet ports
  - 1 WAN & 4 LAN
- IPv6 support (Internet Protocol Version 6)
- On/off LED light switch

Key Features

- Gaming Dashboard–Customizable view of real-time bandwidth utilization by device, ping, etc.
- Geo-Filter–Control your lag by limiting distance to game servers or other players
- Network Monitor–Check bandwidth-hogging devices and identify what causes lag
- Quality of Service–Prioritize gaming devices and allocate bandwidth by device
- Beamforming+ boosts speed, reliability, & range of WiFi connections for 2.4 & 5GHz
- 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
- VPN Support–Secure access to your home network when away from home

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

- VPN support–secure remote access
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

Warranty

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

Support

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

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 1750Mbps wireless speeds achieved when connecting to other 802.11ac 1750Mbps devices.

‡ MU-MIMO capability requires both router and client device to support MU-MIMO.

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