NIGHTHAWK®

Nighthawk® X6 Tri-Band WiFi Mesh Extender

AC2200

Smart Roaming. One WiFi Name. Quick WiFi Setup.

Nighthawk® X6 AC2200 Tri-band WiFi Mesh Extender with patented FastLane3 Technology boosts your WiFi to super-fast speeds up to 2.2Gbps. This Nighthawk Mesh Extender creates powerful whole home WiFi using your existing WiFi. EX7700 is one of the most advanced tri-band WiFi mesh extenders that includes two dedicated 866Mbps 5GHz bands for extending Internet speeds to your devices. Dedicated WiFi Link avoids cutting the extended WiFi bandwidth in half. Smart Roaming intelligently connects your mobile devices to the optimal WiFi for superior streaming as you move around your house. Use the same WiFi name and password to provide seamless connectivity as you roam throughout the house. Secure Boot ensures that only NETGEAR signed firmware can run on the device. It detects tampering with boot loader and kernel by validating their digital signatures. Nighthawk® App allows for quick setup and easy extender management.

NETGEAR®

NIGHTHAWK®

NIGHTHAWK MESH WIFI

- Easily create a whole home WiFi system with your existing router
- Extends coverage of your home's WiFi with same WiFi name & security password
- Uninterrupted 4K video streaming as you roam room-to-room
- Quick setup with Nighthawk App or the push of a button

FASTLANE3™ TECHNOLOGY

- Super-fast Tri-Band WiFi with combined speeds up to 2.2Gbps‡
- Dedicated WiFi Link to router avoids cutting the extended WiFi bandwidth in half
- Four high-performance internal antennas amplify WiFi range

ULTIMATE CONNECTIVITY

- Smart Roaming automatically connects your mobile devices to the best available WiFi
- MU-MIMO enables simultaneous streaming of data for multiple devices
- Two Gigabit ports to connect wired devices like smart TVs & game consoles to WiFi
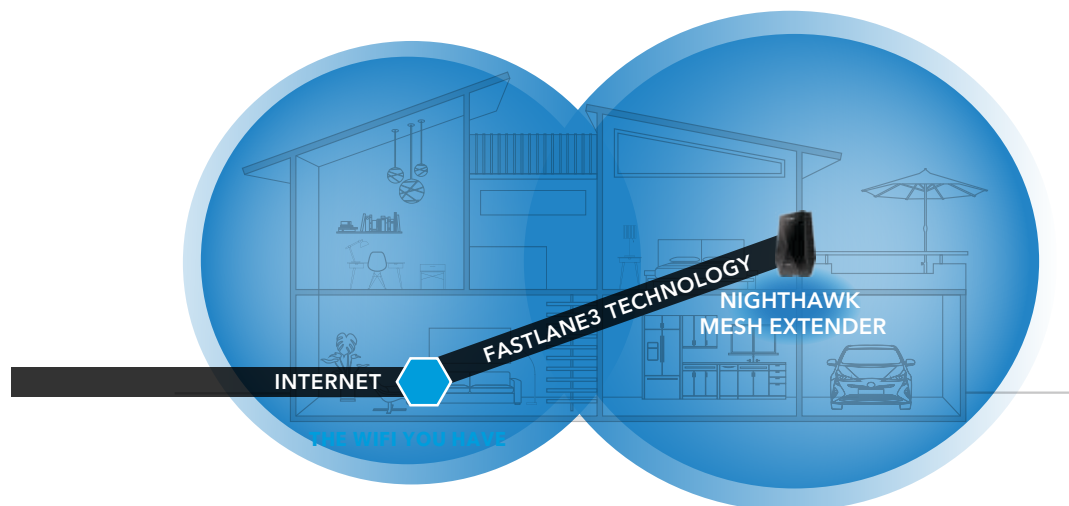- Boost the range of your WiFi to every corner of your home

NETGEAR®

NIGHTHAWK®

Nighthawk® X6 Tri-Band WiFi Mesh Extender

The NETGEAR patented FastLane3 Technology is comprised of Tri-band WiFi that creates a dedicated WiFi link between the extender and router and an optimized antenna design in the extender, giving you more speed to more devices. These combined elements create a powerful solution to extend WiFi throughout your home.

FASTLANE	FASTLANE3 Technology
This feature maximizes performance by limiting devices to a specific band. Front haul is always one band, however the backhaul is not always 5GHz.	This feature maximizes performance by limiting devices to a specific band. Front haul has two bands, backhaul is usually 5GHz. This ensures that all your devices operating on 5GHz network have a dedicated WiFi connection.
FastLane needs to be enabled in the GUI.	In Nighthawk X6 Tri-band WiFi range extender FastLane3 Technology is automatically enabled.
Use case: More bandwidth for more devices.	Use case: Enhances your gaming and streaming experience.

More Coverage. Smart Roaming. One WiFi Name.

INTERNET

FASTLANE3 TECHNOLOGY

NIGHTHAWK MESH EXTENDER

THE WIFI YOU HAVE

Up to 100% faster than Dual-Band Range Extenders†

NETGEAR®

Nighthawk App

The NETGEAR Nighthawk® App makes it easy to set up your extender and get more out of your Wi-Fi. With the app, you can install your extender in a few steps – just connect your mobile device to the network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to view your WiFi settings, check devices connected to the extender and view all extenders connected to the network.

- Quick Setup—Get connected in just minutes
- WiFi Settings—View your WiFi network name (SSID) and password
- Device List—Check devices connected to the extender
- Network Map—View extenders connected to the network

Nighthawk® X6 Tri-Band WiFi Mesh Extender

Package Contents

- Nighthawk® X6 AC2200 Tri-band WiFi Mesh Extender (EX7700)
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 7.85 x 6.07 x 2.14 in (199 x 154 x 54 mm)
- Weight: 1.17lb (0.53kg)

Warranty

- www.netgear.com/warranty

Support

- 90-day complimentary technical support*
- Join the NETGEAR Community Forum. Visit http://community.netgear.com

Ease of Use

- Simple browser installation—great for mobile devices
- Push 'N' Connect using WPS[1]
- Power on/off button
- Nighthawk® App—Quick setup and easy extender management

System Requirements

- 2.4 and/or 5GHz 802.11 a/b/g/n/ac WiFi router or gateway
- Microsoft® Internet Explorer® 8.0, Firefox® 20 or Safari® 5.1 or Google Chrome 25.0 browsers or higher

Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK) and WEP Standards
- Secure Boot—Ensures that only NETGEAR signed firmware can run on the device

Standards

- AC2200[†] WiFi
  - Band 1: 400Mbps @2.4GHz - 256QAM
  - Band 2: 866Mbps @5GHz - 256QAM
  - Band 3: 866Mbps @5GHz - 256QAM
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE 802.11 a/n/ac 5GHz
- IEEE 802.11 k
- Two (2) 10/100/1000 Ethernet ports with auto-sensing technology

WPS Button | Ethernet | Power On/Off

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. www.netgear.com/warranty

* 90-day complimentary technical support following purchase from a NETGEAR authorized reseller. www.netgear.com/support

[1]Works with devices supporting WPS.

[†]Comparable with an AC1200 WiFi Range Extender.

[‡] Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

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Data throughput, signal range, and wireless coverage distances are not guaranteed and may vary due to differences in operating environments of wireless networks, including without limitation building materials and wireless interference. Specifications are subject to change without notice. The product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or is non-standard or outdated.

The country settings must be set to the country where the device is operating. Intended for indoor use only.

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D-EX7700-2

Supports Windows® 10

Mac