NETGEAR®

Nighthawk® X6S Tri-Band WiFi Mesh Extender

Smart Roaming. One WiFi Name.

- Extreme AC3000 WiFi with combined speeds up to 3Gbps
- Smart Roaming with One WiFi Name
- Tri-band WiFi with FastLane3 Technology for faster WiFi speeds to more devices
- Smart Connect—The optimal WiFi band for every device
- Creates a Whole Home WiFi System

AC3000

Overview

Nighthawk® X6S AC3000 Tri-band WiFi Mesh Extender with Patented FastLane3 Technology boosts your WiFi to the extreme with speeds up to 3Gbps. This Nighthawk Mesh Extender creates powerful whole home WiFi using your existing WiFi. EX8000 is one of the most advanced tri-band WiFi mesh extenders that includes a dedicated 1.7Gbps 5GHz band 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.

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
- Push button setup

FASTLANE3™ TECHNOLOGY

- Extreme Tri-Band WiFi with combined speeds up to 3Gbps‡
- Dedicated WiFi Link to router avoids cutting the extended WiFi bandwidth in half
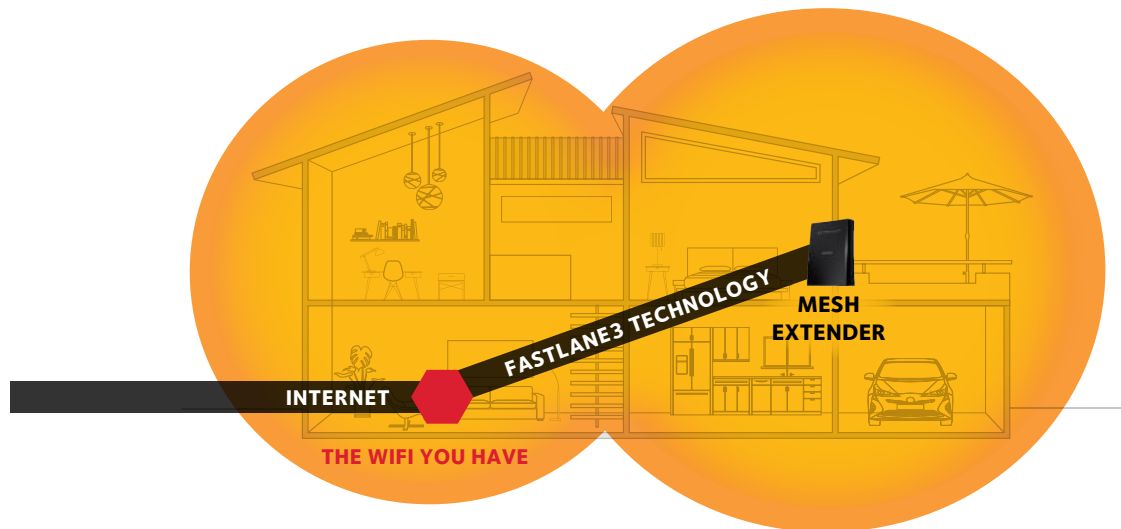- Six high-performance internal antennas amplify WiFi range

ULTIMATE CONNECTIVITY

- Smart Roaming automatically connects your mobile devices to the best available WiFi
- Quad-core processor for seamless 4K video streaming & lag-free gaming
- MU-MIMO enables simultaneous streaming of data for multiple devices
- Four 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

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 elements combined 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. Thereby ensuring that all your devices operating on 5Ghz network have a dedicated WiFi connection.
FastLane needs to be enabled in the GUI.	In Nighthawk X6S 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.

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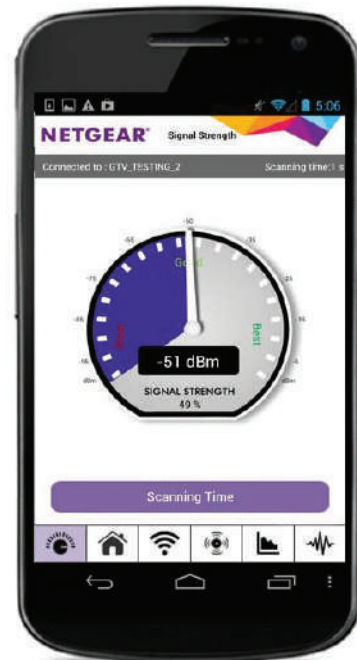
WiFi Analytics App

How strong is your WiFi signal? Use the NETGEAR WiFi Analytics app & get advanced analytics to optimize your existing or newly extended WiFi network. Check your network status, WiFi signal strength, identify crowded WiFi channels & much more!

Here's what you can do with the WiFi Analytics App!
- Get a network status overview
- Check WiFi signal strength
- Measure WiFi channel interference
- Keep track of WiFi strength by location
- and more...

Scan to install app

GET IT ON
Google Play

NETGEAR®

Nighthawk® X6S Tri-Band WiFi Mesh Extender

PACKAGE CONTENTS

- Nighthawk® X6S AC3000 Tri-band WiFi Mesh Extender (EX8000)
- Quick start guide
- Power adapter

PHYSICAL SPECIFICATIONS

- Dimensions: 8.94 x 6.68 x 3.65 in (227 x 170 x 93 mm)
- Weight: 1.9lb (0.86kg)

WARRANTY

- www.netgear.com/warranty

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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

Ethernet   USB   Power On/Off

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

- WiFi Protected Access® (WPA/WPA2-PSK) and WEP Standards

STANDARDS

- AC3000[†] WiFi
  - Band 1: 400Mbps @2.4GHz - 256QAM
  - Band 2: 866Mbps @5GHz - 256QAM
  - Band 3: 1733Mbps @5GHz - 256QAM
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE 802.11 a/n/ac 5GHz
- IEEE 802.11 k
- Four (4) 10/100/1000 Ethernet ports with auto-sensing technology
- USB 2.0 port

Supports Windows® 10

Mac

*24/7 basic technical support provided for 90 days from date of purchase when purchased from a NETGEAR authorized reseller.

[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.

Data throughput, signal range, and wireless coverage per sq. ft. 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 in EU member states, EFTA states, and Switzerland.