



## Overview

5G broadband Internet is here, and it lets you download, stream, and game at blazing-fast speeds. With the Orbi 5G WiFi 6 Mesh System, you can bring it to your home. Perfect as your primary Internet in areas without access to cable or DSL or as a high-speed backup so you're never offline, it puts you on the cutting edge of connectivity.

**Certified for AT&T and T-Mobile.**

Requires mobile SIM. Scan QR code for full list of compatible service providers.



Up to 5,000 sq. ft. WiFi Coverage†



WiFi Speed†



NETGEAR Armor™ Cybersecurity<sup>1</sup>



5G Network Connectivity

## Features

### Expansive WiFi Coverage

With WiFi 6 technology, connect up to 40 smart devices simultaneously, without sacrificing performance. Also get unbeatable WiFi coverage in your home.

### 5G Internet for Home

5G is a next-level mobile broadband experience, delivering unparalleled speeds and power. Use 5G as your primary Internet connection, or as a backup when your wired Internet is unavailable.

### Orbi WiFi Mesh Tri-band Technology

Combining the superiority of mesh with NETGEAR's patented Tri-band technology ensures a dedicated connection that delivers peak WiFi performance and coverage.



### Why 5G?

Get on the cutting edge of something truly great. The next level of Internet speed is here to usher in a new era of limitless technology possibilities. Experience lightning fast reaction times for VR gaming, smart & connected devices, and immersive learning tools all while downloading, streaming, and browsing with speeds as fast as the blink of an eye. 5G is the revolutionary next step in the future of technology.

#### 10X capacity

Get connected in dense areas, even with tall buildings and many connected devices competing for connection.

#### 10X faster than 4G

5G delivers revolutionary mobile broadband connectivity by using shorter frequencies, boosting speeds to unheard of levels of up to 10X faster than 4G.

#### Extremely low latency

Shorten the time delay between sending and receiving information with 5G. Now 1ms, 5G delivers extremely low latency rates down from 200ms for 4G.

## House Diagram

### 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. 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/8K streaming, gaming, and the smart home experience.

#### Speed

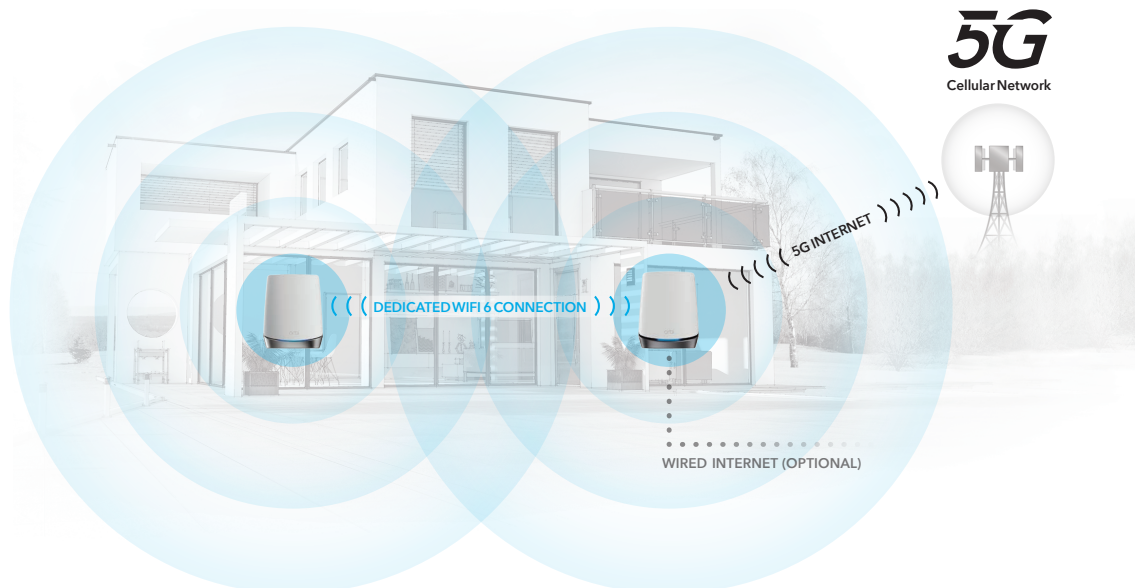
Get ultra-fast wireless speeds with more connections for all devices with less congestion. You’ll get some blazing connection speeds of more than one Gigabit per second or more, 4K/8K streaming, & VR/AR gaming.

#### Range

Experience reliable and stronger WiFi coverage indoors and outdoors for all your devices. High-performance antennas on the router, pre-optimized for best performance, amplify WiFi signals for maximized range and reliable coverage.

### Fast, Reliable Internet

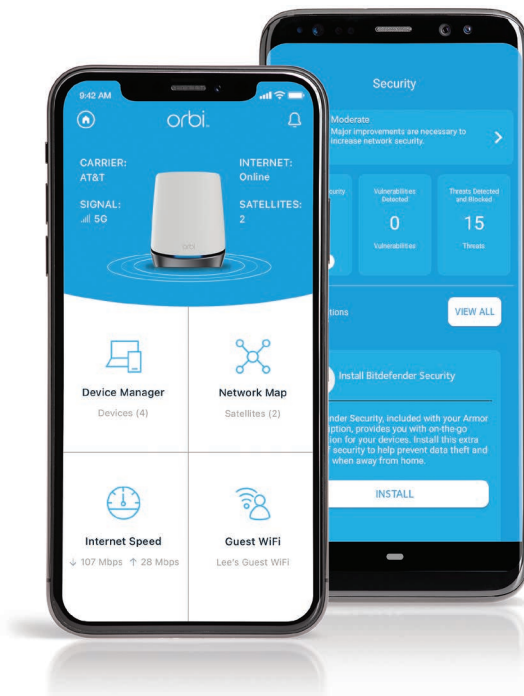
Power your home with 5G Internet and ultra-fast WiFi. Supercharge how you connect, stream, work, and play.





 **Orbi App**

Use the Orbi app to easily set up, monitor, and manage your Orbi WiFi.



NETGEAR Armor™ powered by Bitdefender® provides best-in-class anti-virus, anti-malware and data protection for your smart devices, smartphones, and computers.



### Orbi 5G WiFi 6 Router



#### 5G/LTE Antenna Connector

Connect an antenna to improve signal (Antenna optional, not included)

#### 5G Nano SIM card

Use activated SIM card from a carrier for 5G Internet at home<sup>2</sup>

#### 5G/LTE Antenna Connector

#### LAN/WAN Ethernet port

Optional: Wired Internet port for failover

#### Gigabit Ethernet ports

### Orbi WiFi 6 Satellite



#### Gigabit Ethernet ports

High speed wired Gigabit connection for game consoles, TVs, streaming players, computer, AVRs, and more



## What's In the Box?

- One (1) Orbi AX4200 5G WiFi 6 Router(NBR750)
- One (1) Orbi Satellite (RBS750)
- One (1) 12V/3.5A power adapter (NBR750)
- One (1) 12V/2.5A power adapter (RBS750)
- One (1) 2m Ethernet cable
- Quick start guide

## What Do I Need for Orbi to Work?

- High-speed Internet connection
- Activated 5G/LTE Nano SIM card

## Physical Specifications

- NBR750
- Dimensions: 9.7 x 7.7 x 3.4 in
  - Weight: 2.75 lb
- RBS750
- Dimensions: 9.1 x 7.2 x 2.8 in
  - Weight: 1.9 lb

## Software Features

- Orbi Mobile App

## Technical Specifications

- Orbi AX4200 Router and AX4200 Satellite (600 + 1200 + 2400Mbps)<sup>†</sup>
- 5G NR SA/NSA
- LTE Cat 20
- 4G LTE Bands: B2, 4, 5, 7, 12, 13, 14, 25, 26, 29, 30, 41, 48, 66, 71

- 5G Bands: n2, n5, n25, n41, n48, n66, n71, n77
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz – 1024QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz – 1024QAM support
  - Radio 3: IEEE® 802.11a/n/ac/ax 5GHz – 1024QAM support
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 1.4GHz processor
- Memory – Router
  - 512MB NAND flash and 1GB RAM
- Antenna – Router & Satellites (each)
  - Six (6) high-performance internal antennas with high-power amplifiers
- Ports – Orbi 5G LTE Router
  - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 1Gbps Gigabit Ethernet WAN port
- Ports – Orbi Satellite
  - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant
- Security
  - Comprehensive anti-virus & data theft protection for your PC, Mac® and mobile devices with NETGEAR Armor™
  - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
  - Guest WiFi Network is easy to setup separate & secure Internet access for guests

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. [www.netgear.com/warranty](http://www.netgear.com/warranty)

\*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

<sup>†</sup> Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 4,200Mbps wireless speeds achieved when connecting to other 802.11ax 4,200Mbps devices.

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

<sup>2</sup> Fees apply based on data service plan selected.

For regulatory compliance information, visit <http://www.NETGEAR.com/about/regulatory>

The country settings must be set to the country where the device is operating.

For indoor use only.

NETGEAR, the NETGEAR Logo, NETGEAR Armor, and Orbi are trademarks of NETGEAR, Inc. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play and the Google Play logo are trademarks of Google LLC. Any other trademarks mentioned herein are for reference purposes only. © 2021 NETGEAR, Inc.