orbi™

NETGEAR®

Whole Home AC3000 Tri-band WiFi System

Overview

This Orbi WiFi System comes with an Orbi WiFi Router and two Satellites that deliver unparalleled WiFi coverage. It covers homes up to 7,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home. Includes 1-year of advanced cyber threat protection with NETGEAR Armor™.

Enjoy better WiFi. Everywhere.

A R M O R™ 1 Year FREE
Advanced Cyber Threat Protection

Features

Your Home & Yard. Covered.
This kit of three delivers 3Gbps maximum WiFi speeds for homes up to 7,500 sq ft‡.

Better 4K Streaming.
The dedicated WiFi backhaul creates better 4K HD streaming & gaming, even as you connect more devices.

One WiFi Network.
Enjoy the convenience of a single WiFi name for your whole home.

Simple & Secure.
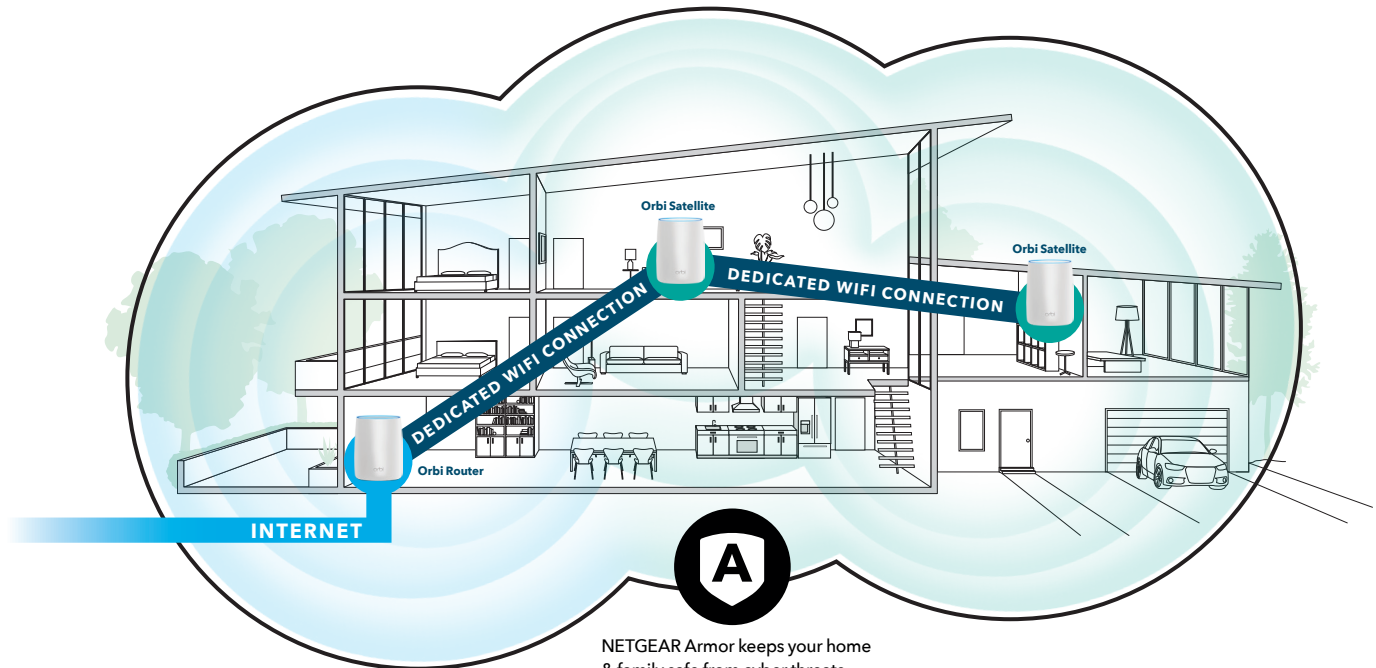Use the Orbi app and NETGEAR Armor to create your secure whole home WiFi in minutes.

Manage Your Kids' Screen Time.
Circle® Smart Parental Controls let you easily manage content & time online on any device.

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House Diagram

7,500 Square Feet of Orbi WiFi Coverage

Orbi Satellite

Orbi Satellite

DEDICATED WIFI CONNECTION

DEDICATED WIFI CONNECTION

Orbi Router

INTERNET

A

NETGEAR Armor keeps your home
& family safe from cyber threats

Setup in 3 EASY steps

1. Download Orbi App
2. Plug in Orbi
3. Activate NETGEAR Armor

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

NETGEAR® ARMOR™ | **POWERED BY Bitdefender®**

NETGEAR Armor™ provides best-in-class anti-virus, anti-malware, & data protection for all smart devices, smartphones, and computers.

1-year subscription included.

- Advanced cyber threat protection at home & away
- Vulnerability scans for all connected devices
- Unlimited personal & smart home devices covered
- Data-theft protection for lost or stolen devices
- Instant alerts when threats are detected & blocked

Orbi Router (RBR50)

Sync

Internet

Gigabit Ethernet ports

Power on/off

Orbi Satellite (RBS50)

Sync

Gigabit Ethernet ports

Power on/off

What's In the Box?

- One (1) Orbi Router (RBR50v2)
- Two (2) Orbi Satellites (RBS50v2)
- One (1) 6.5 ft Ethernet cable
- Three (3) 12 V/2.5 A power adapters
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection
- Connect to existing modem or gateway

Physical Specifications

- Dimensions: 6.7 x 3.1 x 8.89 in
  (170.3 x 78.9 x 225.8 mm) each
- Weight: 1.72lb (780.2g) each

Technical Specifications

- Orbi AC3000 Router and AC3000 Satellites (1,733+866+400Mbps)‡
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n 2.4GHz – 256-QAM support
  - Radio 2: IEEE® 802.11a/n/ac 5GHz – 256-QAM support
  - Radio 3: IEEE® 802.11a/n/ac 5GHz – 256-QAM support
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 4x4 (5GHz) dedicated backhaul

- IEEE® 802.11a/b/g/n/ac
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands‡
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor - Router & Satellites
  - Powerful quad-core 710MHz processor
- Memory – Router
  - 512MB NAND flash and 512MB RAM
- Antenna – Router & Satellites (each)
  - Six (6) high-performance internal antennas with high-power amplifiers
- Ports – Orbi Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
  - One (1) WAN & three (3) LAN
- Ports – Orbi Satellites (each)
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Security
  - Advanced cyber threat protection for your network & all your Windows, MacOS®, iOS, and Android® 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
- Voice Control
  - Amazon Alexa™
  - The Google© Assistant