



### Whole Home Tri-band Mesh WiFi 6 System

Data Sheet

**RBK653** 



### Overview

Break free from limitations with strong, reliable, and fast WiFi in every corner of your home. From the top floor down to the basement, Orbi Tri-band Mesh WiFi 6 Systems bring you higher performance & simultaneous WiFi streaming, gaming & browsing on more devices. This system includes NETGEAR Armor™, advanced cyber security for your connected devices, and NETGEAR Smart Parental Controls™.

Powerful smart home WiFi.



NETGEAR Armor™ Powered by Bitdefender®¹



NETGEAR Smart
Parental Controls™²

### **Features**



### **Cutting Edge Performance.**

Get a powerful experience with WiFi 6 and speeds up to 3Gbps.<sup>†</sup> Enjoy ultra high-definition streaming, lag-free gaming & smooth streaming.



# More Capacity, More Battery Life.

Don't be held back by limited capacity. Enjoy more devices simultaneously with 4X the capacity than before & improved efficiency for longer battery life.



# Fast Internet Speeds Where You Need Them.

Don't let your home be a maze of dead zones. Get consistent wireless speeds and access to 7 Gigabit Ethernet ports.



### It's Easy.

Enjoying your WiFi has never been easier. With the Orbi app, set up your WiFi, customize your settings & enjoy your new Orbi WiFi in minutes.



# Advanced Cyber Threat Protection.

NETGEAR Armor™ has your home network & devices covered from attack.¹



### Manage Your Kids' Screen Time.

NETGEAR Smart Parental Controls™ is an easy way for parents to monitor, pause the Internet and promote healthy habits across connected devices.<sup>2</sup>



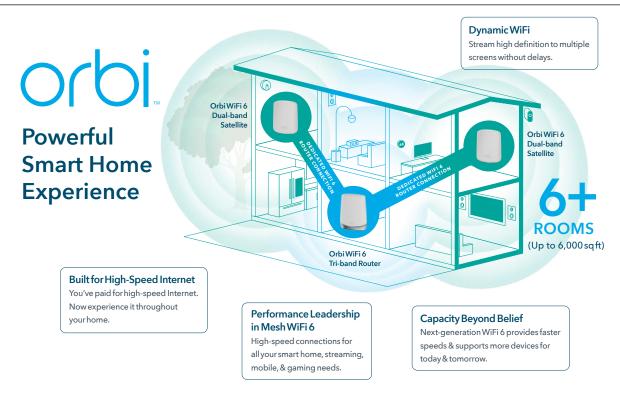


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### House Diagram





#### Orbi App

Use the Orbi app to setup and manage your Orbi WiFi, and manage your kids' time online across their connected devices with NETGEAR Smart Parental Controls™.





Advanced cyberthreat protection for your home and all your devices.

NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your Orbi home network or take action on vulnerabilities as they are discovered easily through the Orbi App.



# Advanced Cyber Security for Your Devices NETGEAR Armor™ | Powered by Bitdefender\*

- Advanced Threat Detection Identifies & blocks viruses, spyware, ransomware, malicious links, and more.
- Smart Home Vulnerability Scans Regularly scans connected devices to ensure they're not vulnerable to hackers.
- Data Theft Protection If your Android® or Windows™ device is lost or stolen, you can locate, lock, & wipe data remotely.
- $\bullet \ \textbf{Instant Alerts} \text{Receive immediate alerts when threats are detected \& blocked}.$

Learn more at NETGEAR.com/armor





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# Orbi Router (RBR750)

# Orbi Satellites (RBS350)













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### What's In the Box?

- · One (1) Orbi Router (RBR750)
- Two (2) Orbi Satellites (RBS350)
- · One (1) 2m Ethernet cable
- One (1) 12V/2.5A power adapter
- Two (2) 12V/1.5A power adapters
- Quick start guide

### What Do I Need for Orbi to Work?

High-speed Internet connection to existing modem or gateway

## **Physical Specifications**

Router

- Dimensions: 9.1 x 7.2 x 2.8 in

- Weight: 1.9 lb

Satellites

- Dimensions: 7.0 x 5.7 x 2.4 in each

- Weight: 1.17 lb each

### **Software Features**

· Orbi Mobile App

## **Technical Specifications**

- · Simultaneous Tri-band WiFi Router
  - 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
- · Simultaneous Dual-band WiFi Satellites
  - Radio 1: IEEE 802.11b/g/n/ax 2.4GHz—1024QAM support
  - Radio 2: 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
  - Powerful quad-core 1.4GHz processor
- Processor Satellites (each)
  - Powerful quad-core 1.8GHz processor
- · Memory Router
  - 512MB NAND flash and 1GB RAM
- Memory Satellites (each)
  - 256MB NAND flash and 512MB RAM
- · Antenna Router
  - Six (6) high-performance internal antennas with highpower amplifiers
- Antenna Satellites (each)
  - Two (2) high-performance internal antennas with highpowed amplifiers
- · Ports Orbi Router
  - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 1Gbps Gigabit Ethernet WAN port
- Ports Orbi Satellites (each)
  - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Security
  - Advanced cyber threat protection for your home network and connected devices, with 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
- NETGEAR Smart Parental Controls<sup>™</sup> Easily manage your kids' time online across their connected devices. Learn more at netgear.com/spc

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

For regulatory compliance information, visit http://www.NETGEAR.com/about/regulatory For indoor use only.

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<sup>\*90-</sup>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 3,000Mbps wireless speeds achieved when connecting to other 802.11ax 3,000Mbps devices.

<sup>&</sup>lt;sup>1</sup> NETGEAR Armor™ requires a paid subscription after the initial 30-day free trial. (No credit card required for the trial). Visit netgear.com/armor

<sup>&</sup>lt;sup>2</sup> NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability. NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial). Visit netgear.com/spc for more information.