Overview

Break free from limitations with strong, reliable, and lightning fast WiFi in every room 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 even more devices.

The ultimate in smart home WiFi.

Features

**Cutting Edge Performance.**
Get the ultimate experience with 12 Streams of WiFi 6 and speeds up to 6Gbps.† Enjoy 4K/8K UHD streaming, lag-free gaming & smooth streaming.

**Gigabit Speeds Where You Need Them.**
Don’t let your home be a maze of dead zones. Get consistent speeds everywhere with Tri-band dedicated wireless backhaul, 12 Gigabit Ethernet ports & a 2.5Gbps Internet port.

**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.

**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.
Ultimate Smart Home Experience

Blockbuster WiFi
Stream ultra-high definition to EVERY screen simultaneously without delay.

Performance Leadership in Mesh WiFi 6
Ultra-fast connections for all your smart home, streaming, mobile & gaming needs.

Capacity Beyond Belief
Next-generation WiFi 6 provides faster speeds & supports more devices for today & tomorrow.

Built for Gigabit Internet Speeds Everywhere
You’ve paid for the fastest Internet speeds, now experience it everywhere in your home.

House Diagram

Orbi WiFi 6
Satellite
Orbi WiFi 6
Satellite
Orbi WiFi 6
Router
Orbi WiFi 6
Router

Orbi App

Use the Orbi app to setup and manage your Orbi WiFi.
Orbi Router (RBR850)

Orbi Satellite (RBS850)
What’s In the Box?

- One (1) Orbi Router (RBR850)
- Two (2) Orbi Satellites (RBS850)
- One (1) 2m Ethernet cable
- Three (3) 12V/3.5A power adapters
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection
- Connect to existing modem or gateway
- Orbi Mobile app

Physical Specifications

- Dimensions: 253.4 x 191.5 x 72.5 mm each
- Weight: 1.3 kg each

Software Features

- Orbi Mobile App

Technical Specifications

- Orbi AX6000 Router and AX6000 Satellites (2400 + 2400 + 1200Mbps)†
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax
    2.4GHz—1024-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax
    5GHz—1024-QAM support
  - Radio 3: IEEE® 802.11a/n/ac/ax
    5GHz—1024-QAM support
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 2.2GHz processor
- Memory – Router
  - 512MB NAND flash and 1GB RAM
- Antenna – Router & Satellites (each)
  - Eight (8) high-performance internal antennas with high-power amplifiers
- Ports – Orbi Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 2.5Gbps multi-Gigabit Ethernet WAN port
    (WAN link aggregation by adding one of the 1Gbps LAN ports to the 2.5 Gbps WAN port)
- Ports – Orbi Satellites (each)
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Security
  - 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™