



Whole-Home Tri-Band Mesh WiFi 7 Add-on Satellite

870 Series



A superior class of WiFi

Unlock unlimited possibilities with elite WiFi 7 performance
Easily expand coverage and increase reliability with Orbi 870 Series Add-on Satellites.

Key Features

- **2.4X Faster than WiFi 6**—Unlock incredible speeds up to 21 Gbps[†] on the only mesh system designed to ensure WiFi stays fast on your devices simultaneously.
- **Instantly Expand WiFi Coverage**—Each Orbi Add-on Satellite expands WiFi coverage for your 870 Series Mesh System by up to 3,000 sq. ft.
- **Effortless Setup**—Add your new Orbi Satellite to your existing 870 Series Mesh System quickly and easily with the Orbi app.
- **High-performance Antennas**—Get enhanced 360° coverage from the front door to the back yard, around corners, and across your whole home.
- **Ultra-fast Wired Performance**—Get the fastest, most reliable performance yet for wired connections with four 2.5 Gig LAN ports.

Technical Specifications

- Coverage - Up to 3,000 sq. ft.
- Tri-band with 10 streams of WiFi
 - 6 GHz¹ (4x4/320 MHz, 4K-QAM): 11,520 Mbps
 - 5 GHz (4x4/240 MHz, 4K-QAM): 8,640 Mbps
 - 2.4 GHz (2x2/40 MHz, 1K-QAM): 688 Mbps
- Multi-Gig Ethernet ports
 - Four (4) 10/100/1000/2500 Mbps Gigabit Ethernet LAN ports
- Processor - Powerful quad-core 1.5 GHz processor
- Antennas - Eight (8) high-performance internal antennas with high-power amplifiers

Services & Security

- Orbi Mobile App—Do it all in the Orbi App to easily set up, monitor and manage your Orbi WiFi and access exclusive NETGEAR services.
- Separate WiFi networks for secure access:
 - Main Network for all your home devices
 - IoT Network for all your IoT devices
 - Guest Network for guests
- WPA3 for secure WiFi connection to devices



Whole Home Tri-Band Mesh WiFi 7 System

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Package Contents

- One (1) Orbi WiFi 7 Satellite (RBE870)
- One (1) power adapter
- Quick start guide

System Requirements

- Tri-band Mesh WiFi 7 Router (RBE871) - SOLD SEPARATELY
- High-speed internet connection to existing modem or gateway

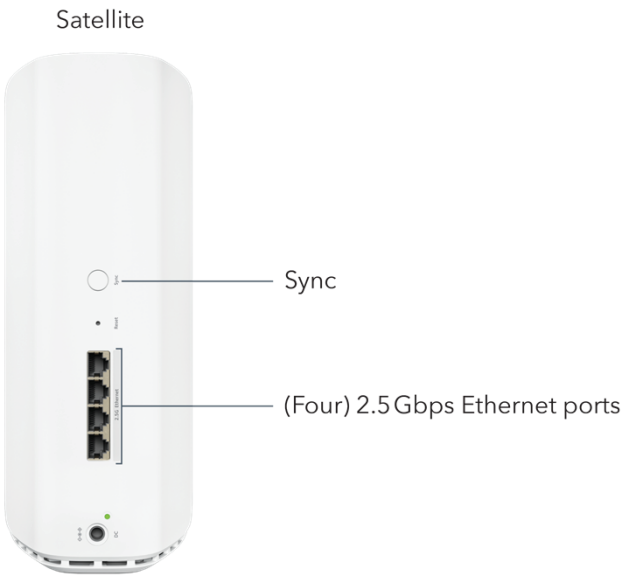
Warranty & Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller
- www.netgear.com/warranty

Physical Specifications

- Dimensions: 10.64 x 5.78 x 4.43 in (270.3 x 146.8 x 112.4 mm)
- Weight: 2.65 lb (1.201 kg)

Connection Diagram



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

† 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. To achieve maximum wireless/wired speed requires devices that use the latest wireless/wired standards and support maximum speeds.

‡ Clients must support 6GHz band (WiFi 6E). 6GHz band is limited to indoor range.

For regulatory compliance information, visit www.netgear.com/about/regulatory.

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