



# NETGEAR RBK20W Orbi Satellite Router Quick Reference Guide

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# NETGEAR

**NETGEAR RBK20W Orbi Satellite Router**



## Package Contents



Orbi Router  
(Model RBR20)



Orbi Wall Plug Satellite  
(Model RBW30)



Power adapter  
(varies by region)



Ethernet cable

## Orbi Router Overview



1. Ring LED (not shown in image)
2. Sync button (also used for WPS connection)
3. Internet port
4. Ethernet port

## Orbi Wall Plug Satellite Overview



5. Power On/Off button and
6. Power LED
7. Power connector
8. Reset button

## Support

Thank you for purchasing this NETGEAR product. You can visit [www.netgear.com/support](http://www.netgear.com/support) to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources. (If this product is sold in Canada, you can access this document in Canadian French at <http://downloadcenter.netgear.com/other/>.) For the current EU Declaration of Conformity, visit <http://kb.netgear.com/11621>. For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>. See the regulatory compliance document before connecting the power supply.

## FEATURES

Included in the Orbi Whole Home Mesh Wi-Fi System is the NETGEAR RBK20W Orbi Satellite Router.

### Some of the most notable ones are as follows:

- **Full-House Protection:**

With the RBK20W, your existing Orbi system's Wi-Fi range is expanded, doing away with dead spots and ensuring consistent connectivity throughout your home.

- **Bluetooth Low Energy:**

The RBK20W can transmit and receive signals on the 2.4GHz and 5GHz bands simultaneously for increased throughput and decreased noise.

- **Rate of AC2200:**

With support for wireless rates up to 2200Mbps, you can connect all of your devices to the internet quickly and reliably.

- **Setup Is a Breeze:**

With the help of the Orbi app or online interface, setting up the RBK20W is a breeze.

- **Ports for Ethernet:**

It has two Gigabit Ethernet connections, so you may connect wired devices such as PCs, game consoles, or smart TVs to the satellite for a reliable and speedy network connection.

- **Invisible Borders:**

The RBK20W allows for smooth roaming, so your gadgets will always be linked to the fastest Wi-Fi network wherever you are.

- **Limits for Parents:**

It provides a secure online environment for your family by letting you manage and restrict internet access for individual devices or users.

- **Guest Radio:**

If you want to give guests secure internet access while keeping your primary network secure, you may set up a guest network with a unique SSID and password.

- **Technology for Beamforming:**

Beamforming is supported by the RBK20W, directing the Wi-Fi signal specifically to the devices that need it most to boost throughput and range.

- **LED Lights With Intelligence:**

The satellite's LED indicators show you exactly where you'll get the strongest signal and most range.

- **Wireless Protected Access (WPA/WPA2):**

It works with modern wireless security standards, so your data will always be safe from prying eyes.

- **Using the Orbi App:**

The Orbi app can be used to keep track of your RBK20W satellite, upgrade its software, and gain access to the

satellite's more advanced functions.

- **Compatible with the Orbi Mesh Network:**

The RBK20W can be used in conjunction with other Orbi routers and satellites to create a larger mesh network.

- **To improve the QoS of a service:**

To guarantee lag-free and fluid performance in bandwidth-intensive activities like gaming and streaming, it offers QoS to prioritize bandwidth for specific devices or apps.

- **Small Footprint:**

The RBK20W's minimalistic and space-saving design makes it an easy addition to any room.

- **The Case for Multiple SSIDs:**

Setting up several SSIDs (network names) allows you to segment devices or establish exclusive networks for specialized tasks.

- **Innovations in Mesh Networking:**

The RBK20W employs mesh network technologies to give your home a unified network with a single SSID and ensure consistent connectivity throughout.

- **Echo Dot, Google Home, and More:**

It's easy to administer your Wi-Fi network with the help of voice commands using Amazon Alexa or Google Assistant.

- **Software Improvements:**

Your RBK20W satellite can get better performance and security with frequent firmware upgrades from NETGEAR.

- **Internet Access for Guests:**

The RBK20W allows you to set up a separate Wi-Fi network for guests, so they may use the internet without being able to access your primary network.

## PRODUCT USAGE

The NETGEAR RBK20W is an additional satellite for your Orbi Whole Home Mesh Wi-Fi System.

### Some typical applications of the RBK20W are as follows:

- **Extending the Range of Your Wi-Fi:**

Extend the range of your existing Orbi system's Wi-Fi with the RBK20W. To ensure that your entire home is always online, you can set it up at a spot where the Wi-Fi signal from your primary router is weak or doesn't reach.

- **Wi-Fi coverage improvement:**

The RBK20W may be strategically placed to ensure reliable Wi-Fi connectivity in sections of your home where the signal is weak or nonexistent.

- **Luxury Mansions:**

Where a single router might not give adequate coverage, such as in a large home or a building with multiple floors, the RBK20W comes in handy. You may get reliable Wi-Fi throughout your entire home by installing a second RBK20W as a satellite.

- **Several Tools:**

The RBK20W aids in the distribution of the Wi-Fi signal, making it possible for various devices, such as smartphones, tablets, laptops, smart TVs, gaming consoles, and IoT devices, to connect and function without

interference.

- **Data-Intensive Tasks:**

If you need a wireless router that can handle bandwidth-intensive tasks like online gaming, 4K streaming, video conferencing, or downloading massive files, go no further than the RBK20W.

- **Connectivity Via Wires:**

The RBK20W has two Gigabit Ethernet ports, so it can be used to provide a fast, reliable connection between wired devices and a satellite. This works well with wired devices including desktop computers, game consoles, and smart TVs.

- **Visitor Connections:**

Guests can use the internet without accessing your regular network when you set up a guest network with the RBK20W. This way, you may give visitors easy access to Wi-Fi without compromising the safety of your main network.

- **Limits for Parents:**

The RBK20W allows you to manage and restrict internet access for certain devices or users thanks to its sophisticated parental control features. In order to provide a secure and manageable internet space for your family, you can establish filters, timetables, and usage limitations.

- **Connected Home Technology:**

Adding the RBK20W to your Orbi system will keep your smart home devices connected and responsive if they rely on a constant and steady internet connection.

- **Scalability:**

The RBK20W can be used in conjunction with other Orbi routers and satellites to create a larger mesh network. Extra satellites can be added to boost range and turn your home network into a seamless mesh system.

The RBK20W Orbi Satellite Router improves your Wi-Fi network's range, speed, and stability so that all of your devices, whether at home or at the workplace, have a good time online.

## FREQUENTLY ASKED QUESTIONS

What is the NETGEAR RBK20W Orbi Satellite Router?

The NETGEAR RBK20W Orbi Satellite Router is an additional device that can be added to an existing Orbi Whole Home Mesh Wi-Fi System to extend the wireless coverage and improve network performance.

How does the RBK20W Orbi Satellite Router work?

The RBK20W connects wirelessly to an Orbi router or another Orbi satellite to create a mesh network, expanding the coverage area and ensuring a seamless Wi-Fi experience throughout your home or office.

What is the maximum coverage range of the RBK20W Orbi Satellite Router?

The RBK20W can extend the Wi-Fi coverage by up to 2,000 square feet, depending on the layout and construction of your space.

Does the RBK20W Orbi Satellite Router support dual-band or tri-band technology?

The RBK20W operates on dual-band technology, with one 2.4GHz band and one 5GHz band, providing reliable Wi-Fi connectivity.

What is the maximum wireless speed supported by the RBK20W Orbi Satellite Router?

The RBK20W supports wireless speeds of up to 866Mbps on the 5GHz band and up to 400Mbps on the 2.4GHz band, ensuring fast and reliable internet connectivity.

Can I connect wired devices to the RBK20W Orbi Satellite Router?

Yes, the RBK20W includes two Ethernet ports, allowing you to connect wired devices such as computers, game consoles, or smart TVs for a stable and high-speed connection.

Can I use multiple RBK20W Orbi Satellite Routers in my network?

Yes, you can add multiple RBK20W satellites to your Orbi system to extend the coverage even further and create a larger mesh network.

Is the RBK20W Orbi Satellite Router compatible with all Orbi routers?

Yes, the RBK20W is compatible with all Orbi routers, allowing you to expand your Orbi mesh network seamlessly.

Can I set up a separate guest network with the RBK20W Orbi Satellite Router?

Yes, the RBK20W supports guest network functionality, allowing you to create a separate network for guests while keeping your main network secure.

Does the RBK20W Orbi Satellite Router support parental controls?

Yes, the RBK20W is compatible with NETGEAR's parental control features, allowing you to manage and restrict internet access for specific devices or users.

What security features does the RBK20W Orbi Satellite Router offer?

The RBK20W supports WPA/WPA2 wireless security protocols, ensuring secure connections, and provides a separate network for guests to maintain network security.

Can I access and manage the RBK20W Orbi Satellite Router remotely?

Yes, you can remotely manage and monitor your Orbi system, including the RBK20W satellite, using the Orbi app or web interface.

Is the RBK20W Orbi Satellite Router easy to set up?

Yes, setting up the RBK20W is straightforward. You can use the Orbi app or a web interface to guide you through the installation process.

Does the RBK20W Orbi Satellite Router support beamforming technology?

Yes, the RBK20W supports beamforming, which focuses the Wi-Fi signal directly toward connected devices, improving signal strength and coverage.

Can I use the RBK20W Orbi Satellite Router outdoors?

The RBK20W is designed for indoor use and may not have the necessary protection or weatherproofing for outdoor installations.

## VIDEO – PRODUCT OVERVIEW



[Download the PDF Link: NETGEAR RBK20W Orbi Satellite Router Quick Reference Guide](#)  
[Satellite-Router-Quick-Reference-Guide.mp4](#)

[Manuals+.](#)