

**LINKSYS®**

USER GUIDE

**HomeWRK for Business**

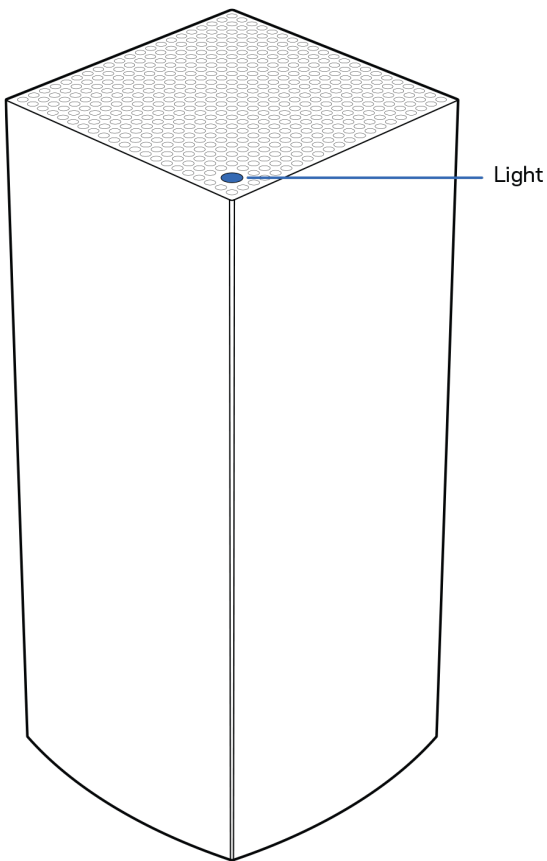
MX4300/MX4300S

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# Product Overview

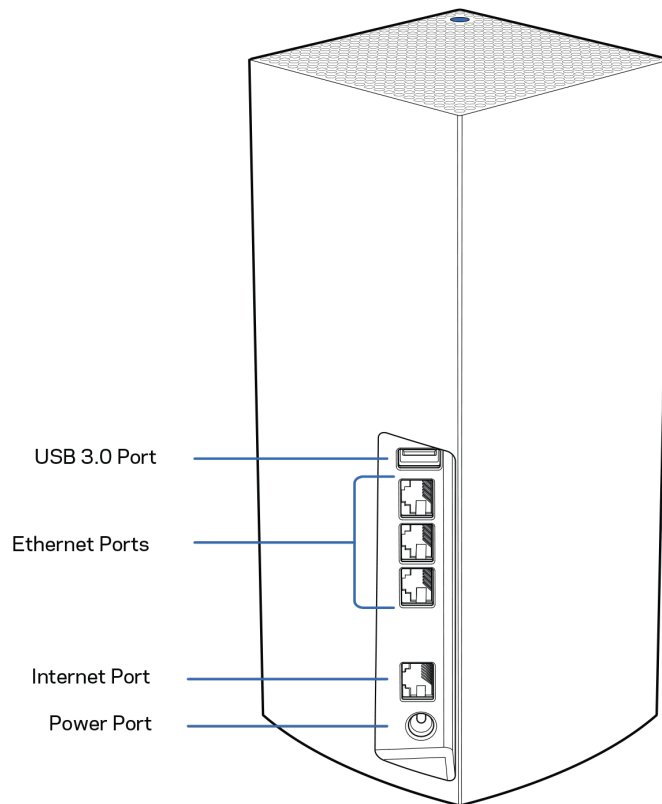
## Front/top



The light on the top of your node gives you information about the node's operation.

Light description	Status
Blinking blue	Starting up
Solid blue	Connected
Blinking purple	Setup in progress
Solid purple	Ready for setup
Blinking red	Disconnected <ul style="list-style-type: none"><li>• Child node: too far</li><li>• Parent node: unplugged from modem</li></ul>
Solid red	No internet from the modem
Solid yellow	Weak connection <ul style="list-style-type: none"><li>• Child node only</li></ul>

## Back



**USB 3.0 port**— Connect and share USB drives on your network. For local file sharing only (no FTP, media server or virtualUSB support). Also, not intended for sharing peripherals such as printers, scanners or cameras.

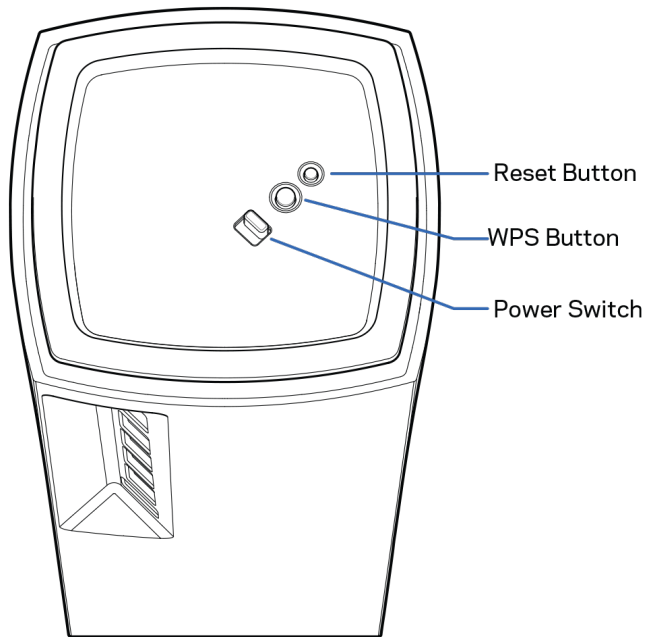
**Ethernet ports**—Connect ethernet cables to these Gigabit ethernet (10/100/1000) ports and to other wired devices on your network. If you have more than one node in your HomeWRK system, use one of these ports to connect to your modem or modem-router.

**Note**—*For best performance, use a CAT5e or higher rated cable on the Ethernet port.*

**Internet port**—Connect an ethernet cable to the yellow gigabit (10/100/1000) port, and to a broadband internet cable/DSL or fiber modem. If you are using this router as a child node in a mesh Wi-Fi system, you can use this port to create a wired connection to another node.

**Power port**—Connect the included AC power adapter to this port.

## Bottom



**Reset button**—Press and hold until the light on top of the node turns red, fades and flashes bright red again to reset the node to its factory defaults.

**Wi-Fi Protected Setup button**—Press to connect WPS-enabled network devices.

**Power switch**—Slide to | (on) to power on the node.

# Help

Where to find more help

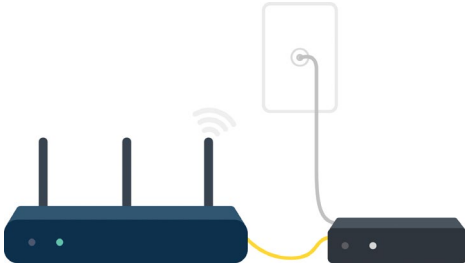
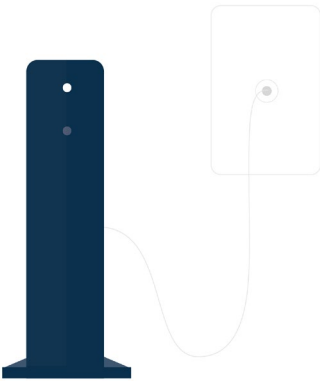


[www.linksys.com/homewrk/help](http://www.linksys.com/homewrk/help)

# Set Up

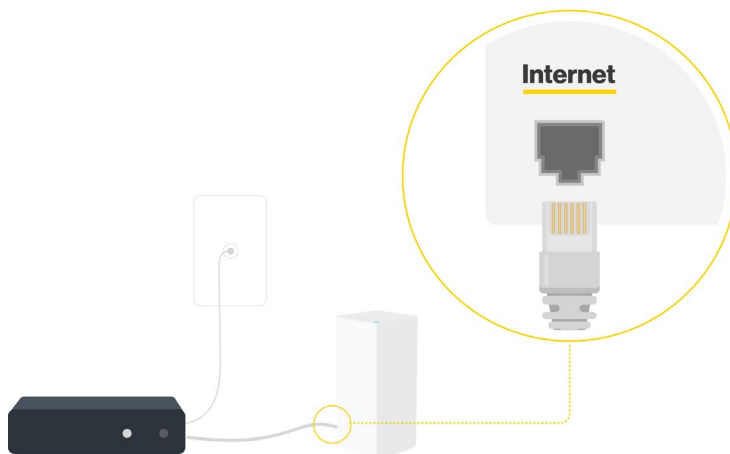
**IMPORTANT**—Linksys HomeWRK nodes can be set up as primary nodes or child nodes. A primary node must be connected with an ethernet cable to your modem or modem router. Once set up wirelessly, secondary nodes can be connected to another node wirelessly or with ethernet cables.

1. Where does your internet come from? Choose A or B

<b>A</b> 	<b>OR</b>	<b>B</b> 
If you have a <b>separate modem and standalone router</b> , disconnect and remove your old router.		If you have a <b>modem-router</b> , leave it connected.

2. Plug a node into a power source and connect its Internet port to the modem or modem-router with the supplied ethernet cable.

If you have multiple nodes, choose one of them to connect to your modem. We'll tell you how to set up your other nodes later.

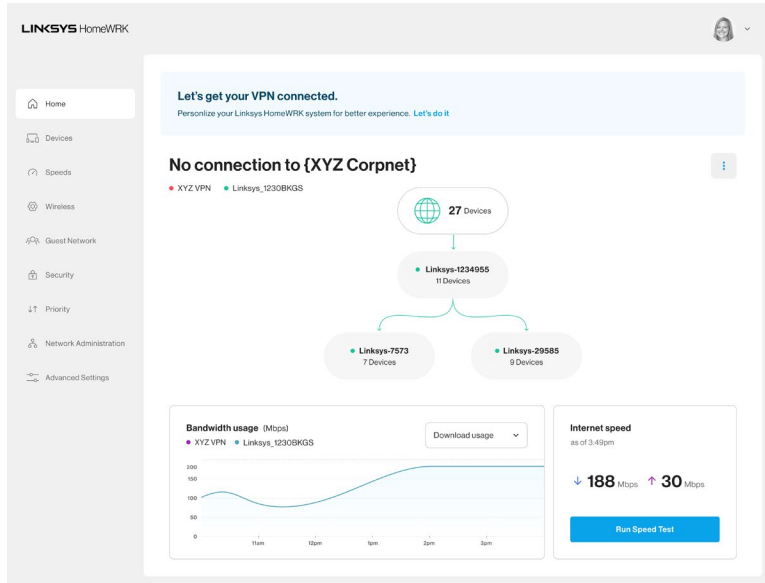


3. On a device with a data plan, visit Linksys HomeWRK in a browser.  
Use the link and instructions in the email sent from your company to continue setup.

# Linksys HomeWRK System Settings

## Home

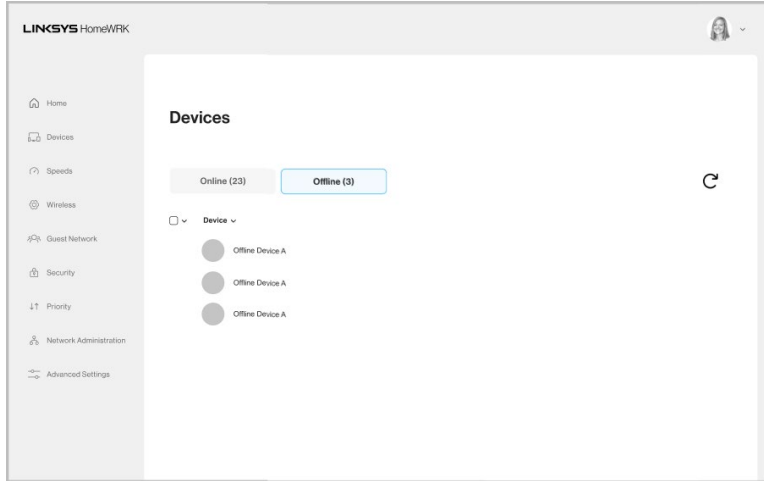
Home displays a snapshot of your mesh system. See if your personal and corporate WiFi networks are connected to the internet. You also can see how many total devices are connected to your WiFi and which node they are connected to. Other information on your home screen: bandwidth usage over time and internet speed.





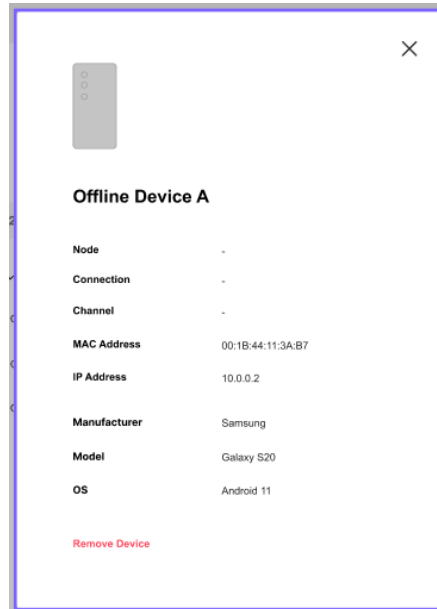
# Devices

View all devices that have been connected to your corporate and personal WiFi. Devices that are no longer connected appear in the Offline tab. Choose a specific device to view details about its identity and its connection. You can remove offline devices that are not likely to rejoin your WiFi.



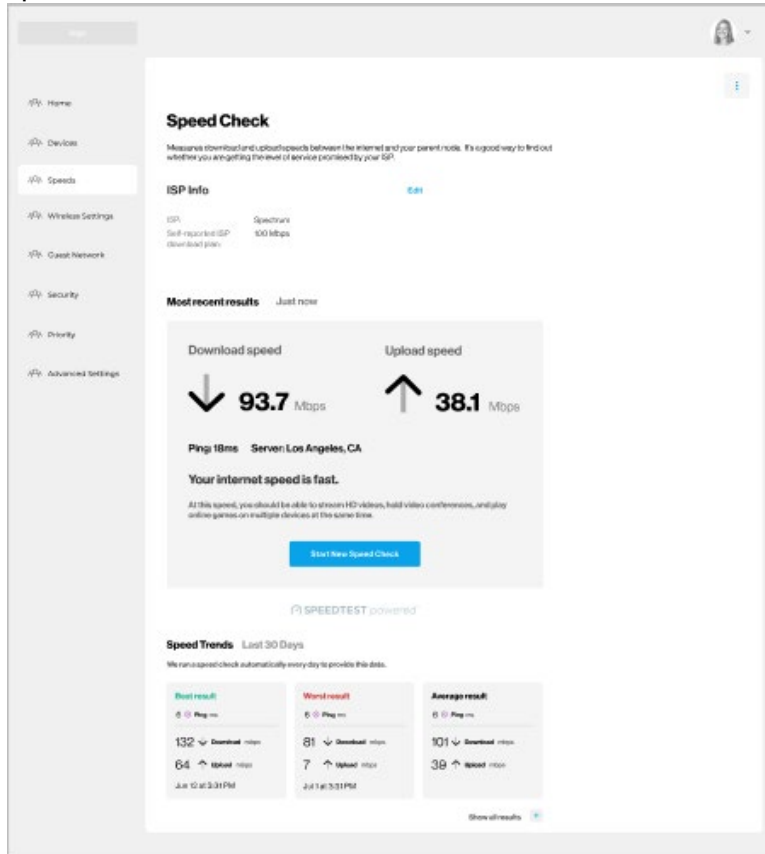
## To view or change device details

Choose a specific device to view details about its identity and its connection. You can remove offline devices that are not likely to rejoin your WiFi.



# Speeds

Run a speed check to make sure you are getting the speeds you are paying for or troubleshoot connectivity issues. We do daily speed checks to provide you a 30-day snapshot of your system's speeds.

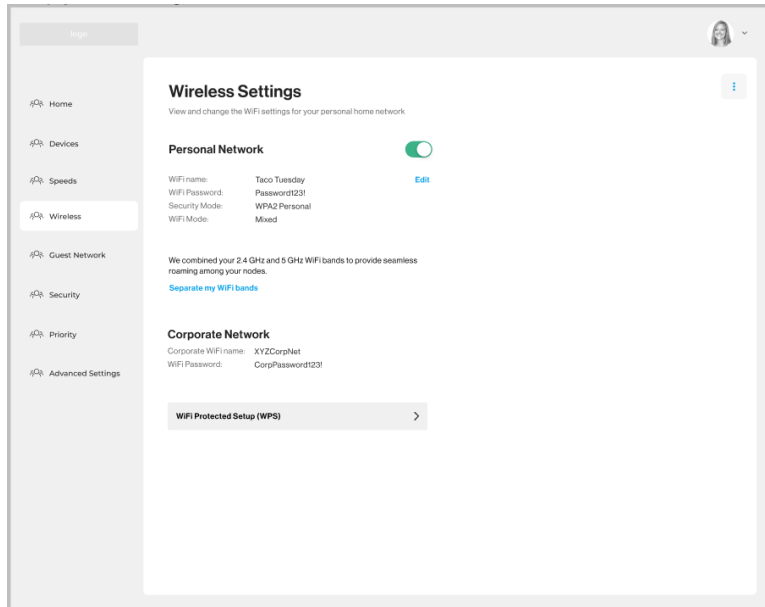


- **Download speed** is the rate at which internet content is transferred to your parent node
- **Upload speed** is the rate at which you can upload content to the internet

**Note**—While speed check measures the speed between your ISP and your parent node, true internet connection speeds at the device level are determined by a variety of factors, including ISP account type, local and worldwide internet traffic, and the number of devices in your home that are sharing the internet connection.

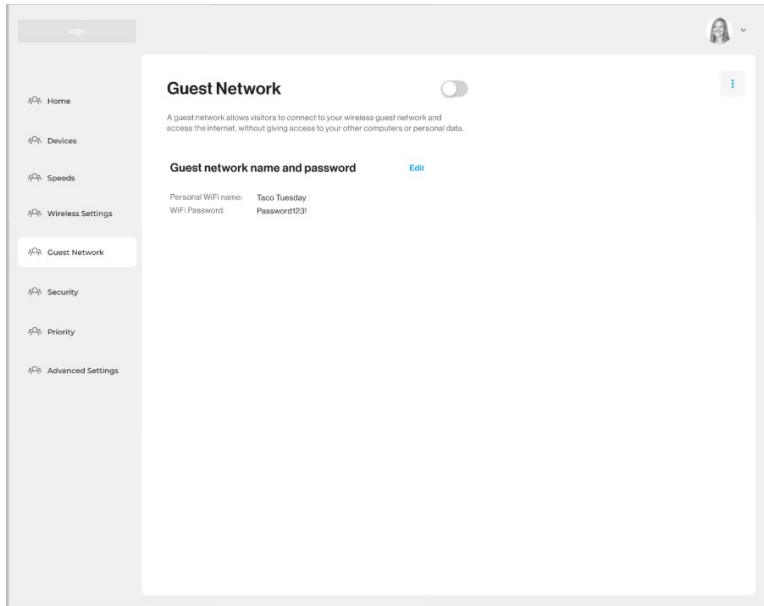
# Wireless

View or change your WiFi name and password and connect devices using Wi-Fi Protected Setup™.



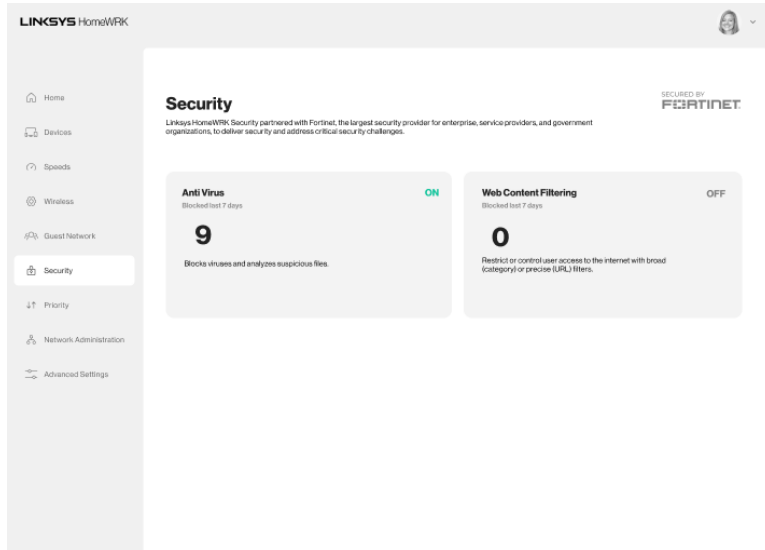
# Guest

Allow guests to get online while restricting their access to other resources connected to your Wi-Fi.

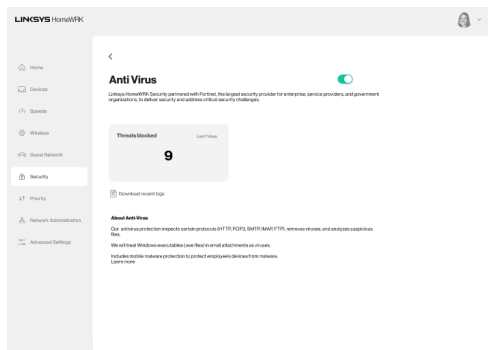


# Security

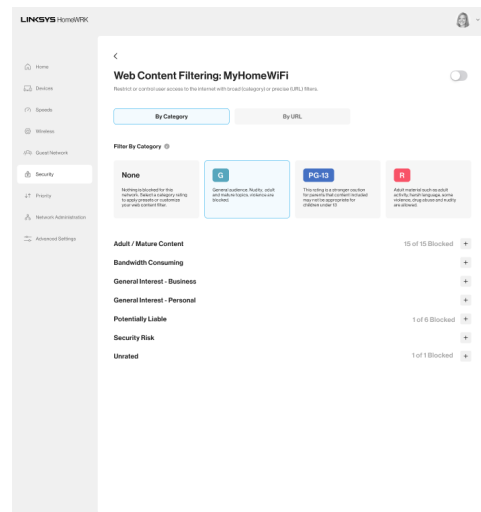
Your online life is protection by Fortinet's antivirus protection and web content filtering. Control what comes into your house with age-appropriate presets or fine-tune filters by allowing or blocking subcategories and specific URLs.



## AntiVirus

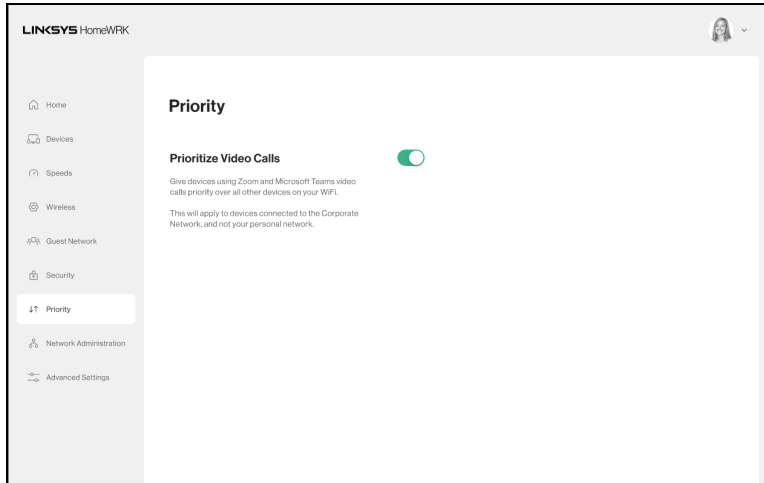


## Web Content Filtering



# Priority

Make sure you can hear and be heard in remote meetings. Give priority to devices using Zoom or Microsoft Teams video calls when on your corporate network. This feature does not work on your personal WiFi.



# System Settings

Keep your Linksys HomeWRK system up to date and running smoothly.

The screenshot shows the Linksys HomeWRK web interface. On the left is a navigation sidebar with options: Home, Devices, Speeds, Wireless, Guest Network, Security, Priority, System Settings (highlighted), and Advanced Settings. The main content area is titled 'System Settings' and includes a back arrow. Below the title is a description: 'A collection of tools to help you manage your WiFi networks.' The settings are organized into sections: 'Time Zone' (GMT-08:00 Pacific Time (USA & Canada) with an 'Edit' link and a checked 'Automatically adjust for daylight saving time' checkbox); 'VPN Details' (Server: Pkgs Vista 1, Username: jane.doe@xyzcorp.net, Password: masked, with an 'Edit' link); 'Firmware Update' (text: 'Your router automatically updates overnight whenever new firmware is available. This keeps you up to date with the latest features and fixes.' and a 'Show details' link); and 'Router Diagnostic Information' (text: 'Sharing router diagnostic information with Linksys and your company's IT team can help if you have any issues with your network.' and a 'Share Router Information' button).

## Advanced

All the settings for sophisticated users with special networking needs.

Advanced users can change security type and WiFi mode. Do not change these unless you have a lot of experience with WiFi networks.

### Internet Settings

Choose how your Linksys HomeWRK connects to the internet. The default is *Automatic Configuration - DHCP*. Other connection types depend on your internet service provider or how you plan to use your Linksys HomeWRK system. Advanced users can use *Additional Settings* to clone MAC addresses and set MTU (maximum transmission unit).

### Port Settings

Port forwarding—for a single port, multiple ports or a range of ports—sends traffic inbound on a specific port or ports to a specific device or port on your Wi-Fi. In port range triggering, Linksys HomeWRK watches outgoing data for specific port numbers. Linksys HomeWRK remembers the IP address of the device that requests the data so that when the requested data returns, it is routed back to the proper device.

### Wi-Fi MAC Filters

Every network device has a unique 12-digit MAC (media access control) address. You can create a list of MAC addresses and regulate how devices use your Wi-Fi.



# How to restore factory defaults

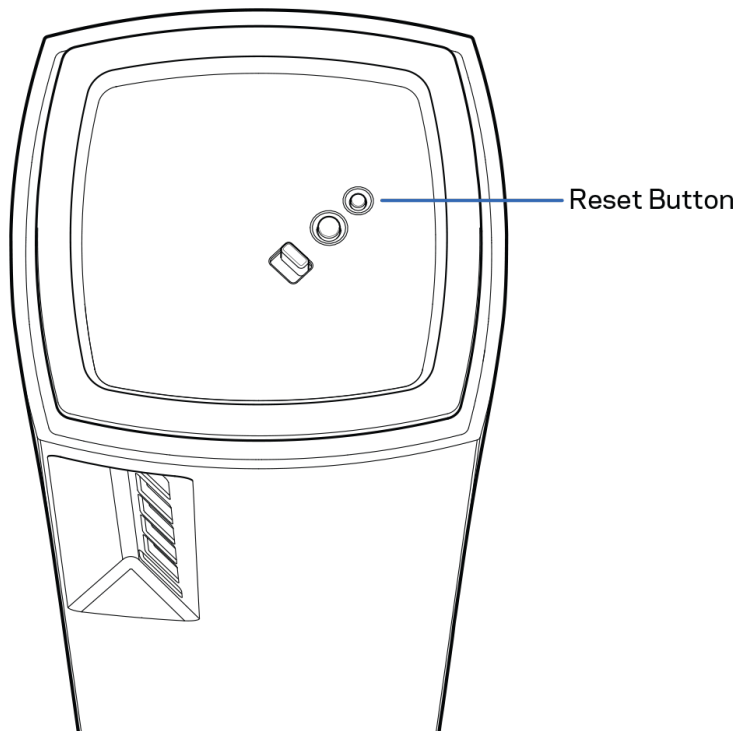
You should never need to factory reset your Linksys HomeWRK nodes—a time-consuming process. A factory reset restores your nodes to the state they were in when you took them out of the box. All settings will be erased, but when your parent node restarts it will automatically set up with your settings from the Linksys HomeWRK servers.

If you factory reset your parent node, you also need to factory reset your child nodes. If you want until the parent node is ready again, any child nodes will automatically find it.

All wireless devices will disconnect from your Wi-Fi until the nodes are fully reset and your Wi-Fi networks are ready.

To reset a node:

- With your node connected to power and turned on, press and hold the Reset button on the bottom. The light on top of the node will turn red and fade in pulses. Do not release the button until the light goes out and then turns bright red.



# Specifications

## Linksys

Model Name	Linksys HomeWRK for Business
Model Number	MX4300/MX4300S
Switch Port Speed	10/100/1000 Mbps
Radio Frequency	2.4 GHz and 5 GHz
# of Antennas	4 internal (2 dual-band single-feed 2.4/5G antennas and 2 single-band dual-feed 5G antennas)
Ports	USB 3.0, ethernet, internet, power
Buttons	Power switch, WPS, reset
Light	One, multicolored light for power and status
Security Features	WPA2-Personal, WPA3-Personal
Security Key Bits	Up to 128-bit encryption

## Environmental

Dimensions	4.41 inches x 4.41 inches x 9.53 inches
Unit Weight	.944 kg (2.081 lb)
Power	12V, 3A
Certifications	FCC, IC, Wi-Fi (IEEE 802.11a/b/g/n/ac, Wi-Fi 6)
Operating Temp.	32° to 104° F (0 to 40° C)
Storage Temp.	-4° to 140° F (-20 to 60° C)
Operating Humidity	10% to 80% relative humidity, non-condensing
Storage Humidity	5% to 90% non-condensing

### Notes:

For regulatory and safety information, go to [Linksys.com/support](https://www.linksys.com/support).

Specifications are subject to change without notice.

Maximum performance derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Visit [www.linksys.com/homework/help](http://www.linksys.com/homework/help) for award-winning technical support.

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