Manuals+ — User Manuals Simplified.

LINKSYS LN1100 Series VELOP Micro Router 6 User Guide

USER GUIDE
VELOP Micro-Router 6
IN1100 Series

Contents

LN1100 Series VELOP Micro Router 6

Product Overview

Your Linksys VELOP Micro-Router 6 is a dual-band mesh Wi-Fi router with 2.4 GHz and 5 GHz radios.

SetUp

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

If you are adding this newmodel as parent node to an existing Linksys whole-home mesh Wi-Fi system, factory reset anodes and add them to the system after the new node is setup and working. Download the Linksys app. You need this app to set up a Linksys whole-home mesh Wi-Fi system.

Go to the app store for your device and search for Linksys.
Install the app, open it and follow the instructions.
You will create a Linksys account so you canoes the app to view or change your system settings from anywhere you have an internet connection.
Among the many things you can do with your Linksys account:

- Change your Wi-Fi name and password
- Setup guest access
- Connect devices to Wi-Fi with WPS
- Block internet with parental controls
- Test your internet connection speed

Note—During setup we'll send a verification email. From your home network, click the link in the email.

Other than plugging in the power and the ethernet cable, the app-based setup process does the work for you. Once connected, use the app to personalize your Wi-Fi by giving it a name and password. You also can give nodes names based on where they are so you can identify them in the rare case where things need attention.

Print this page, then record your Wi-Fi and account settings in the table as a reference. Store your notes in a safe place.

Wi-Fi Name	
Wi-Fi Password	
Admin Password	
Guest Access Name	
Guest Access Password	
Linksys App Login Email	
Linksys App Password	

Wi-Fi System Settings

Using your Linksys app, you can view or change your system settings to make your Wi-Fi more secure or to work better with a device or game. You can access settings from anywhere in the world if you have an internet connection. You can also access settings using your router password when
connected to your home network even if you do not have an internet connection.

Login to the Linksys app

1. Open the Linksys app.
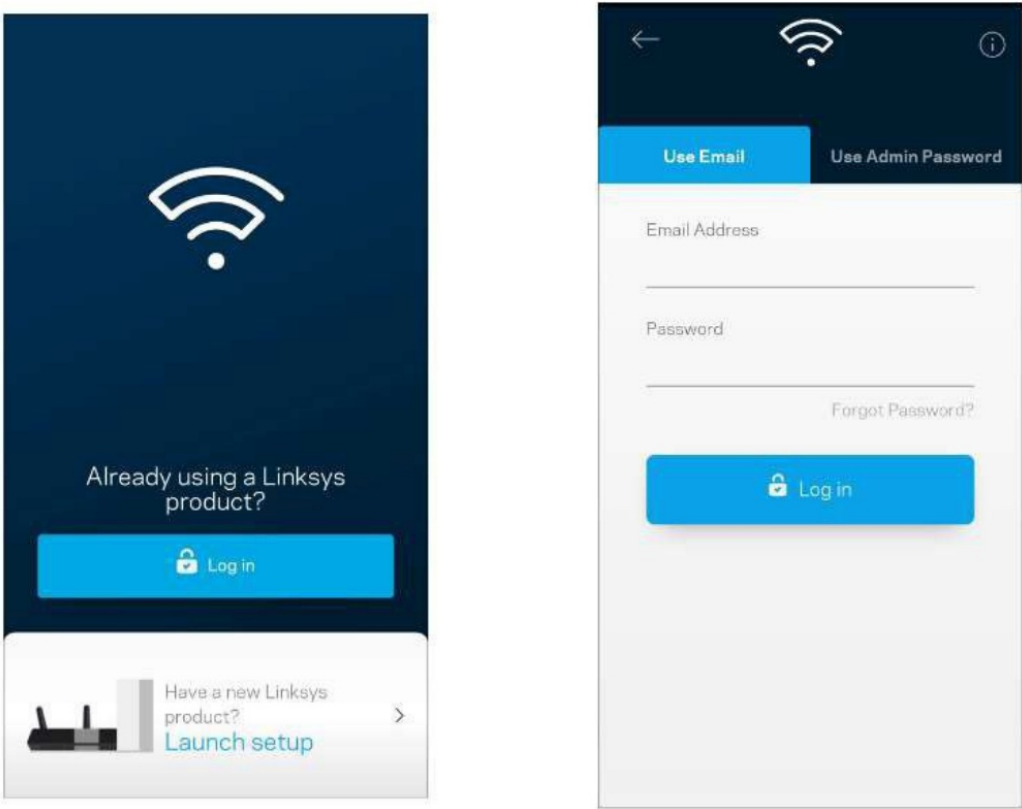

2. Enter the email address you used when creating your account.

3. Enter your account password.

4. Tap Log in.

Dashboard

Dashboard is a snapshot of your Wi-Fi. See how many devices are connected to your system, share Wi-Fi password and allow guest access to your Wi-Fi. Dashboard also shows you if any devices have parental controls on them or have been prioritized for Wi-Fi access.
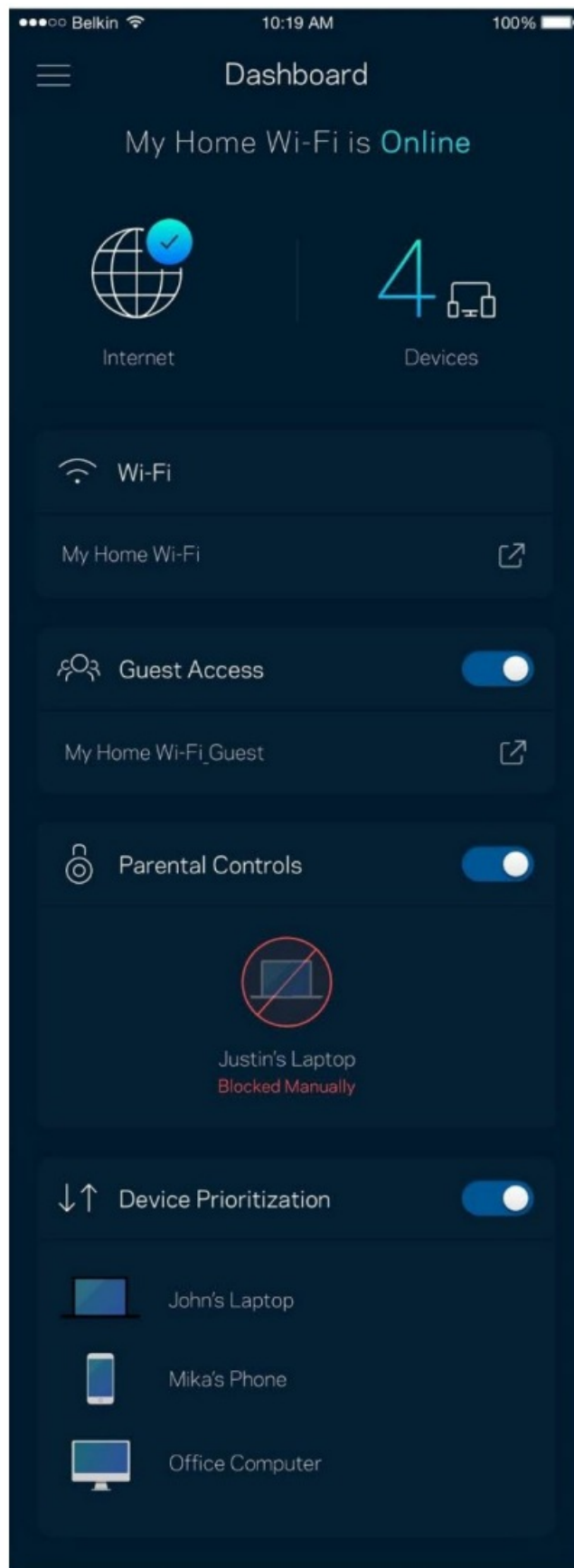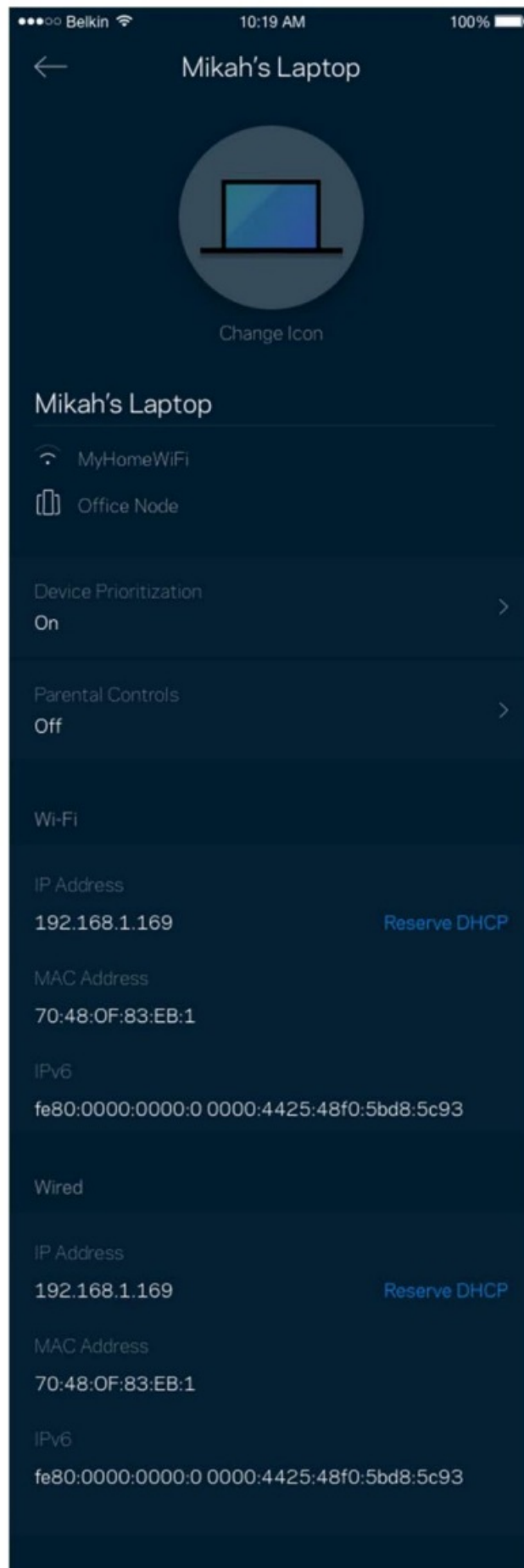
Devices

View and change details for all devices connected to your Wi-Fi. You can view devices on your main network and your guest network, or display information about each device.
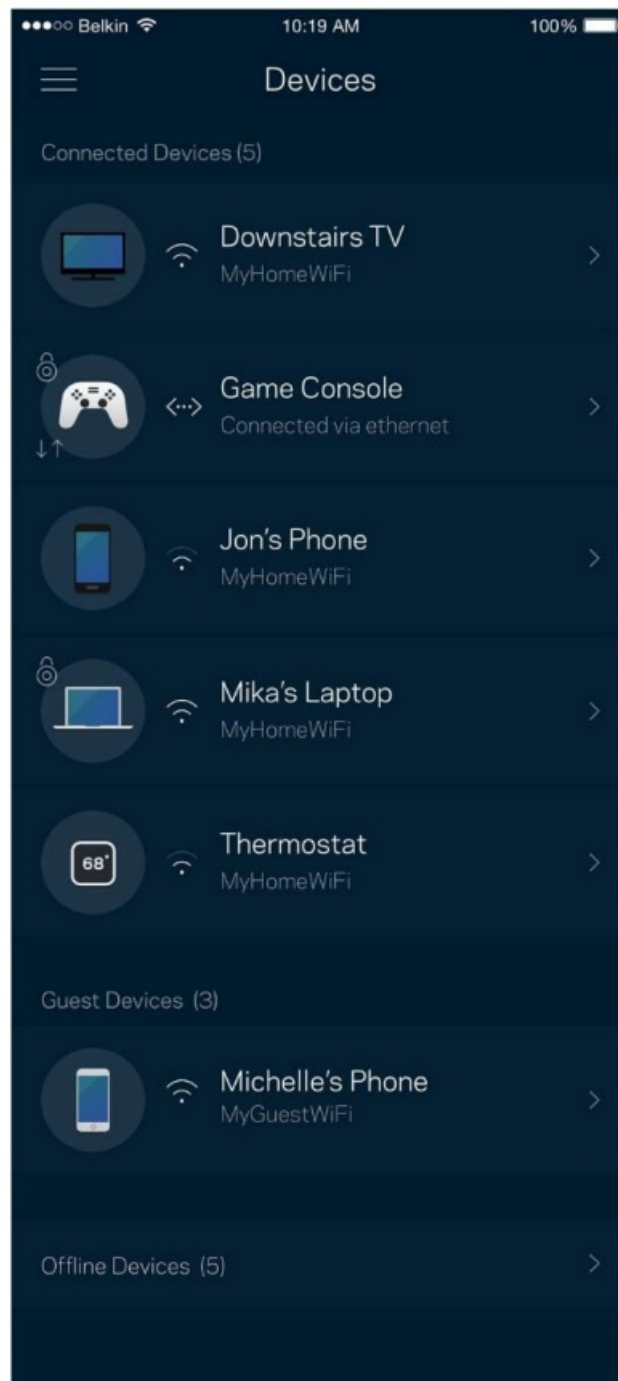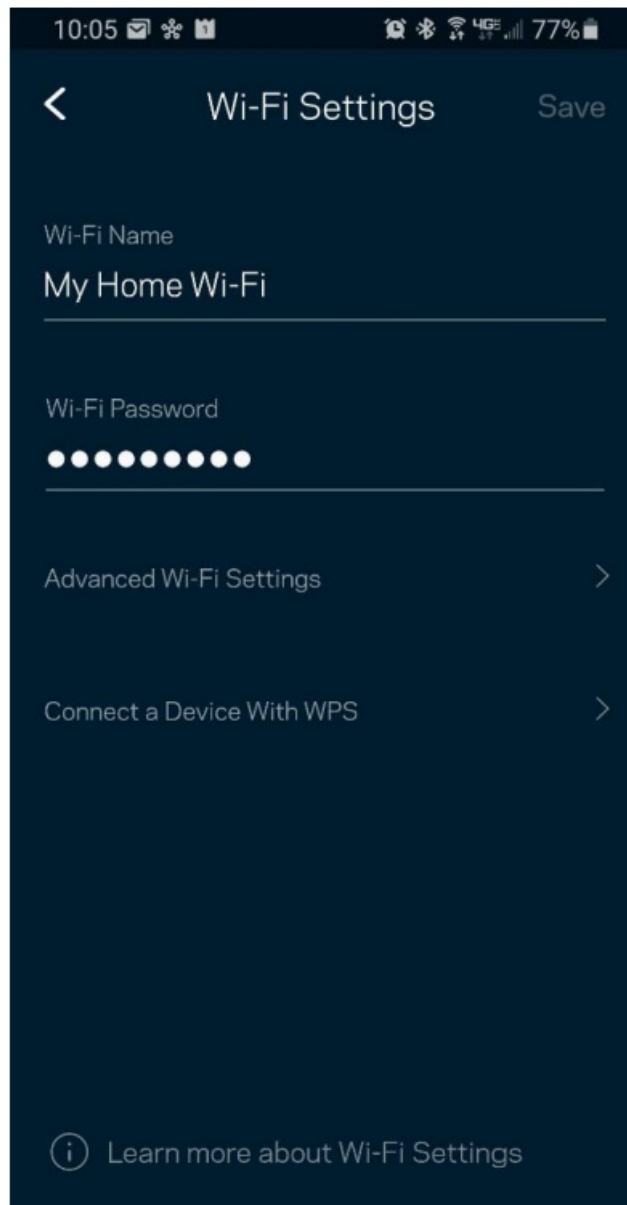
To view or change device details
From the Devices screen you can edit device names and change the device icons. You also can prioritize devices, set parental controls, and see Wi-Fi details. Tap on any device to see details.
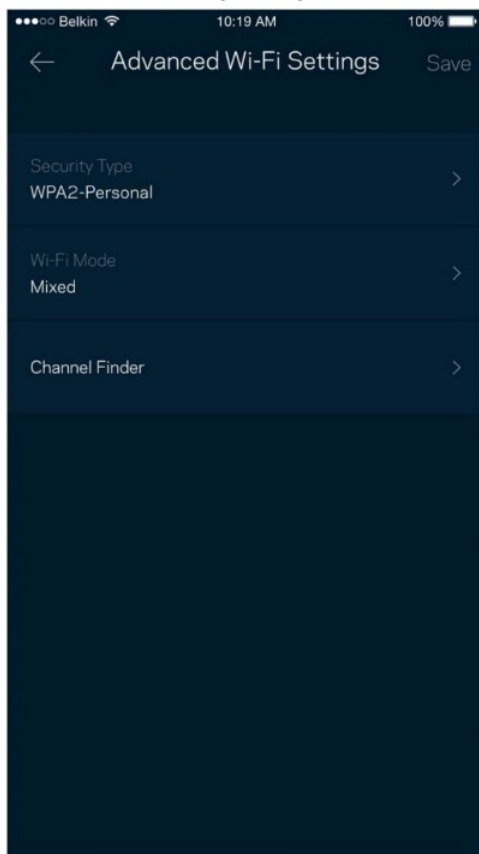
Wi-Fi Settings
View or change your Wi-Fi name and password and connect devices using Wi-Fi Protected Setup®™.

Advanced Settings

Advanced users can change the default security type and Wi-Fi mode. Do not change these unless you have a lot of experience with Wi-Fi networks. Channel Finder will search for the most-open Wi-Fi channels in your area to ensure you get the best performance from your system. If you have more than one node in your system, Channel Finder will find the best channel for each node.

Connecta Device with WPS

'Wi-Fi Protected Setup allows you to easily connect wireless devices to your Wi-Fi without manually entering security settings.
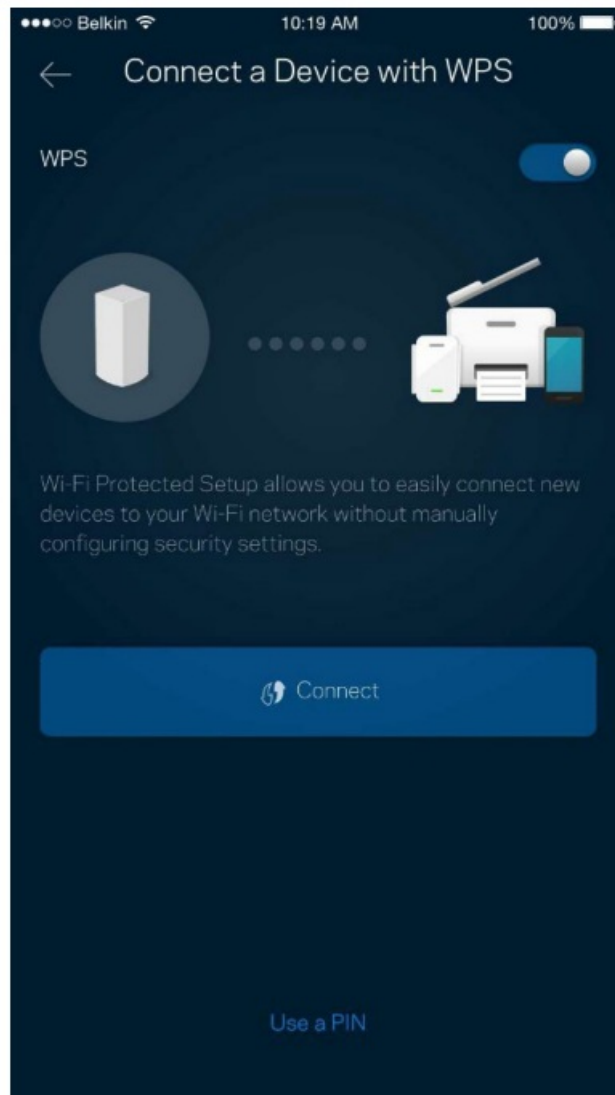
Guest Access

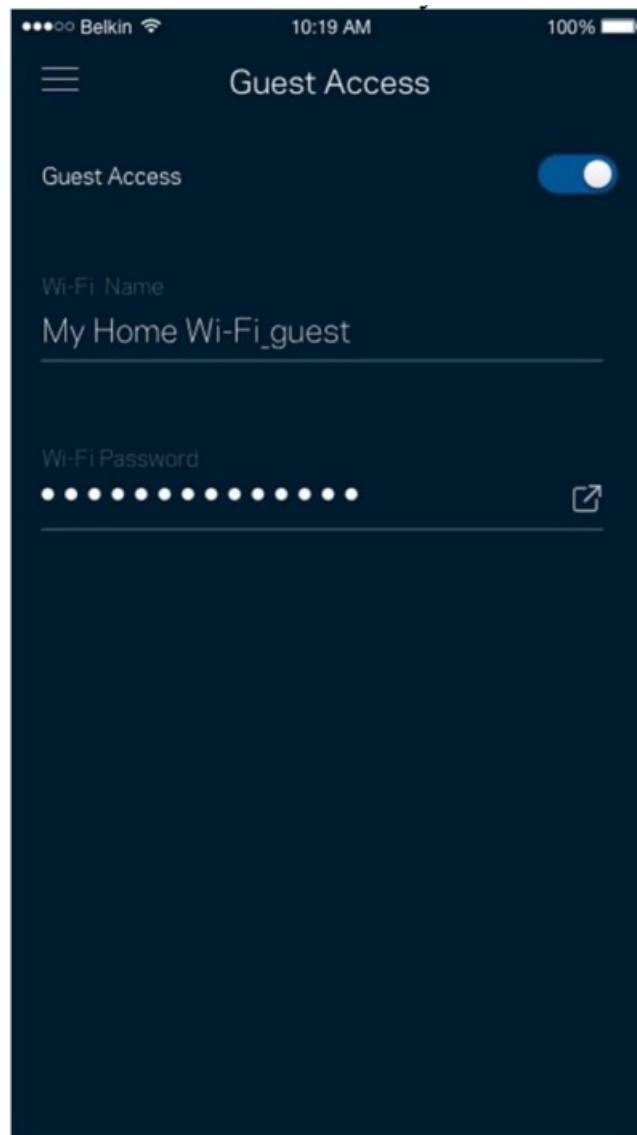Use your Guest Access feature to allow guests to get online while restricting their access to other resources connected to your Wi-Fi. Send the password by text message or email.

Guest Access　　　　　　　　　　　　　　⬤—

Wi-Fi Name

My Home Wi-Fi_guest

Wi-Fi Password

● ● ● ● ● ● ● ● ● ● ● ● ● ● ●　　　⤴

External Storage

See which node an external drive is connected to, check the amount of free space left, and enable authentication by setting a username and password. (Only when a drive is plugged in to a node's USB port.)

Be sure to tap Eject ⏏ before removing a drive to avoid losing data.
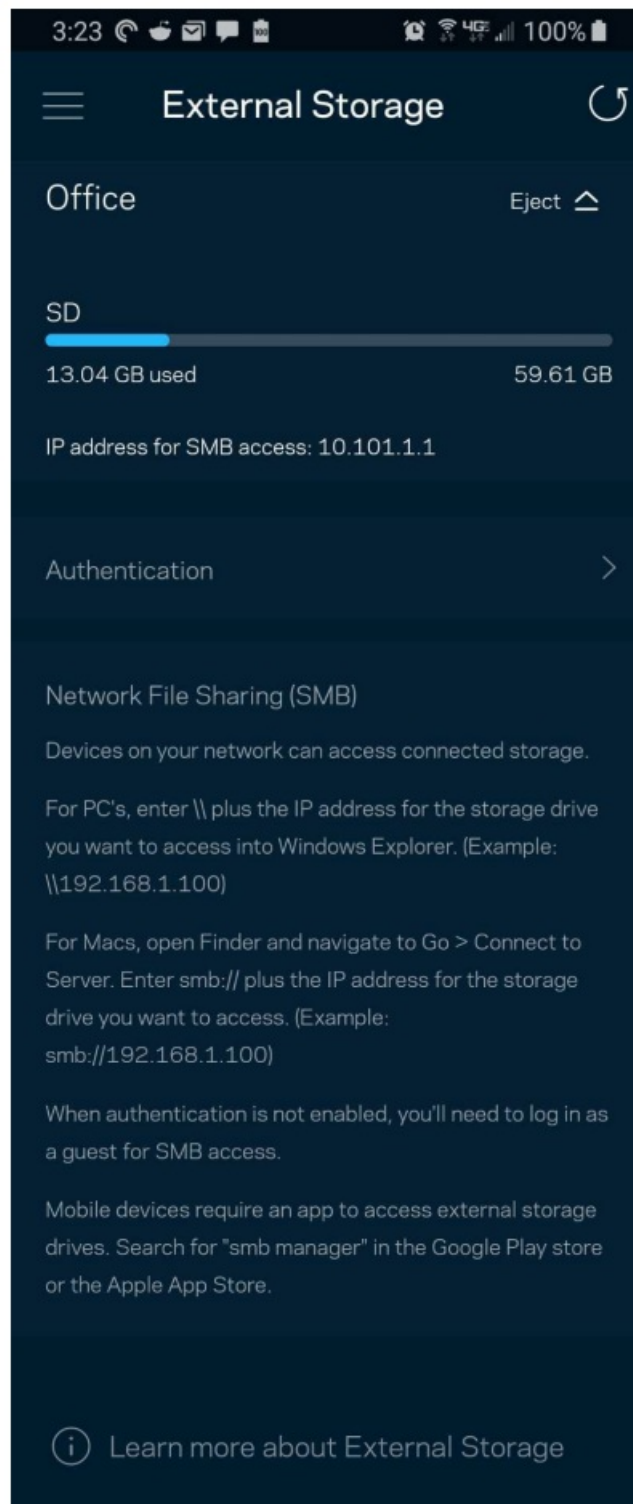
Speed Check

Run a speed check to make sure you are getting the speeds you are paying for. Speed check also helps in Device Prioritization because results determine how Wi-Fi is distributed to the prioritized devices.
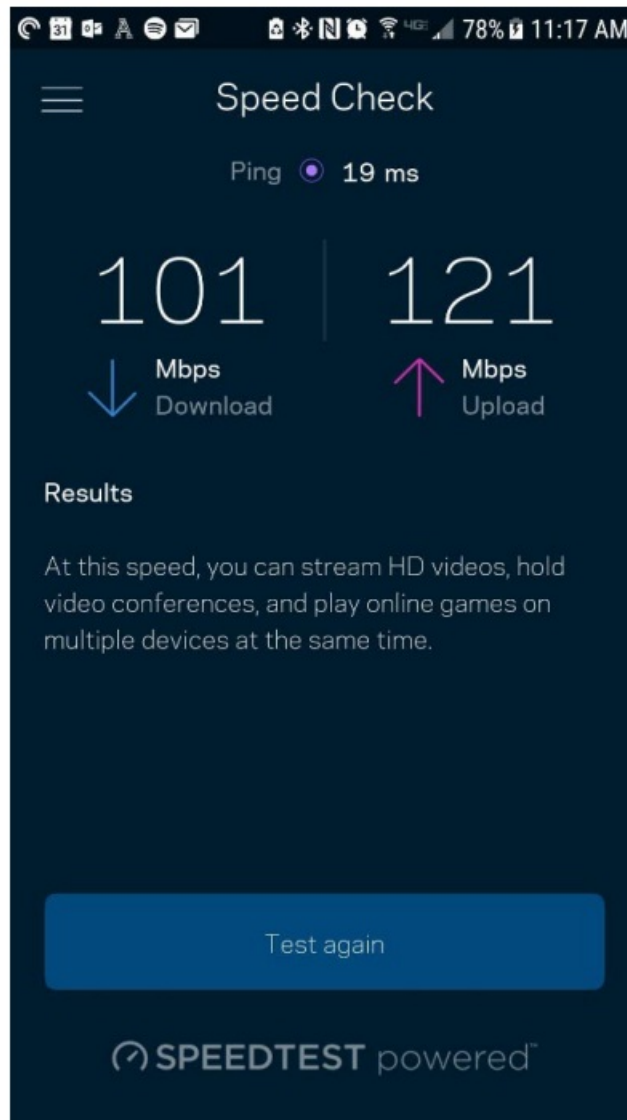
- Download speed is the rate at which internet content is transferred to your mesh Wi-Fi system.

- Upload speed is the rate at which you can upload content to the internet.

Note—Internet connection speeds are determined by a variety of factors, including ISP account type, local and worldwide internet traffic, and number of devices in your homothet are sharing the internet connection.

Parental Controls

Parental controls allow you to control when your kids are online and what there doing there. Pause internet to specific devices, or block specific websites.
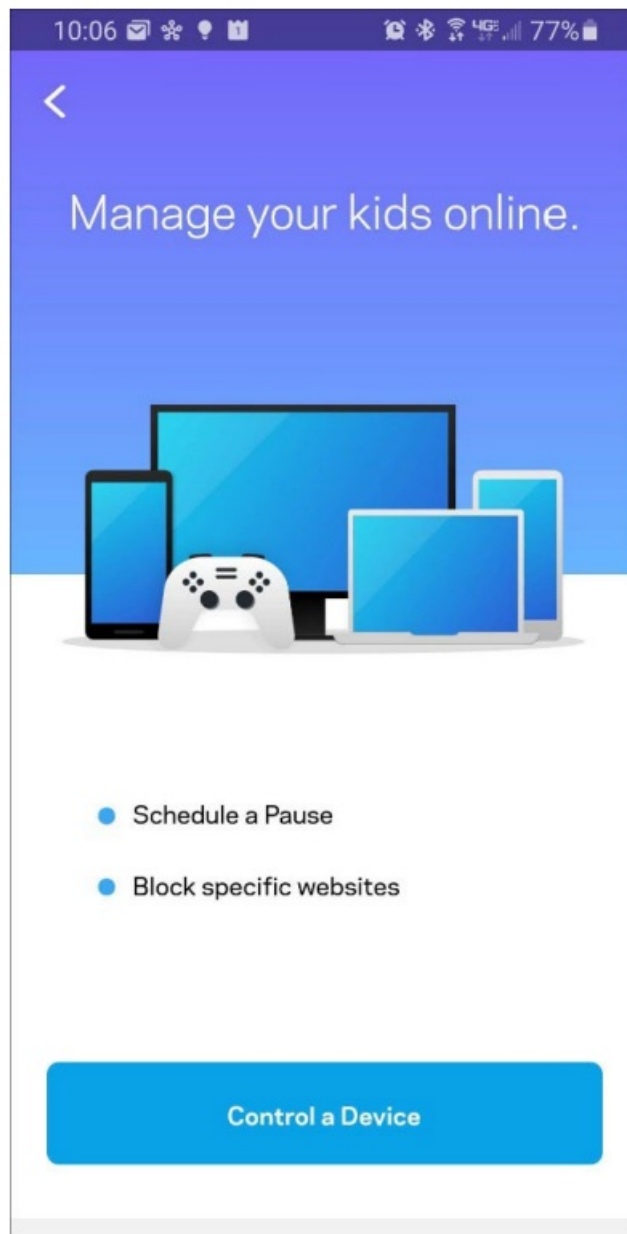
Device Prioritization

Choose up to three devices for priority usage of your internet connection. Those devices —wired and/or wireless —always will have the best access when connected. The app runs a speed check to determine how to best distribute Wi-Fi to prioritized devices. Other devices will share the leftover capacity. Prioritized devices appear on Dashboard.
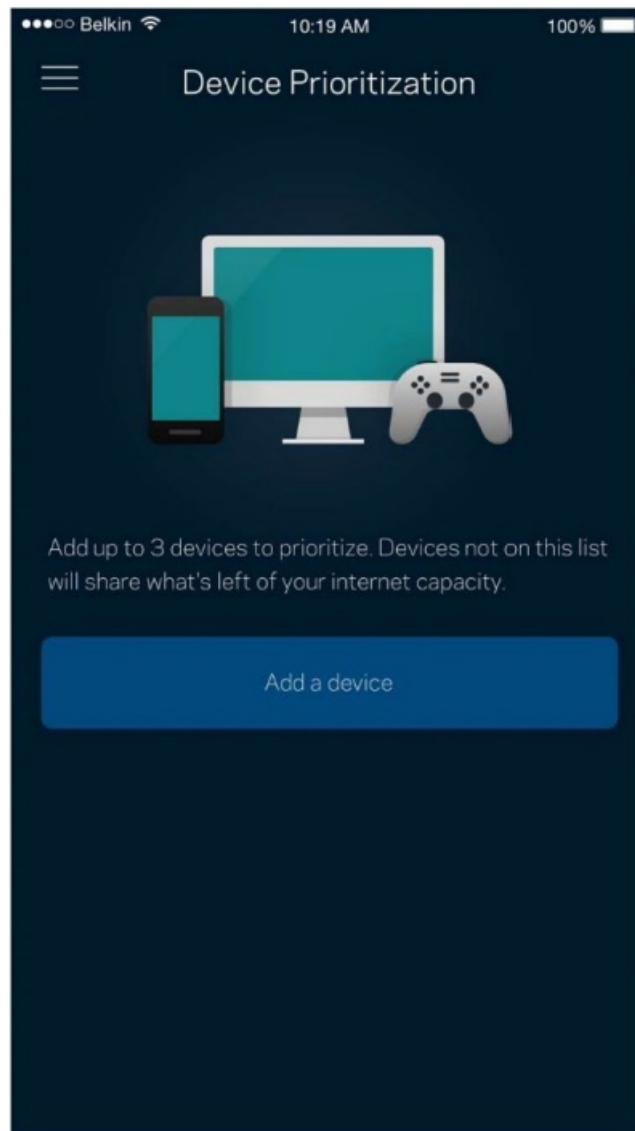
Notifications

If you have more than one node, we can notify you when child nodes in your system go offline. Child nodes are any that are not wired to your modem. You have to turn on notifications in your mobile device settings to allow the app to notify you.
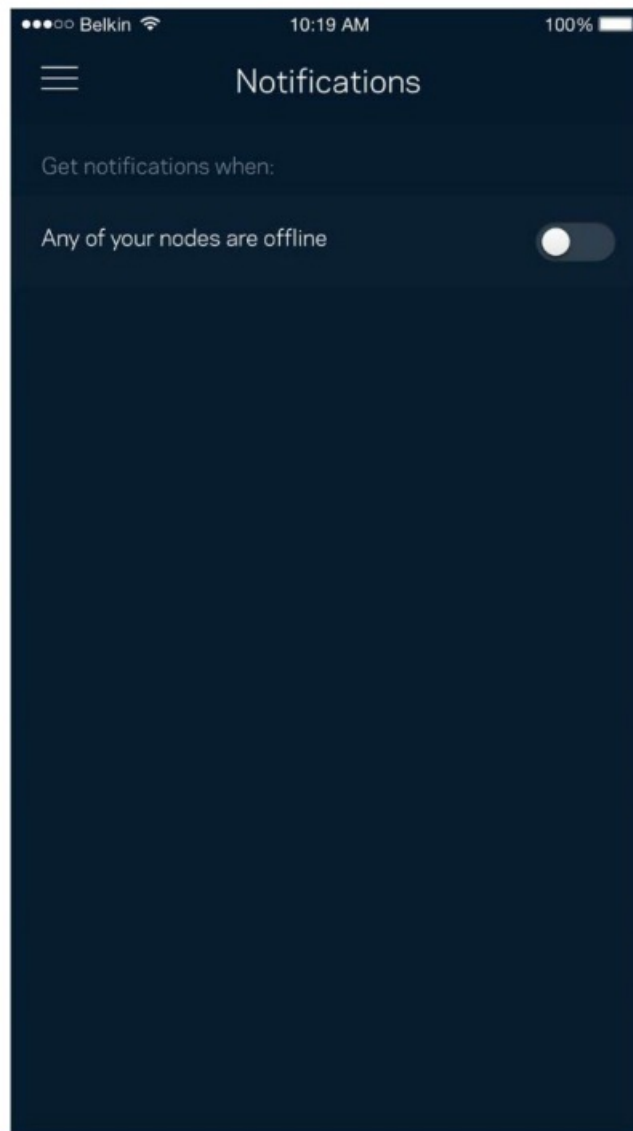
Network Administration

Use the Network Administration screen to change the admin password and hint, and check various identifiers (model number, serial number, and IP details) for all nodes in your Wi-Fi.
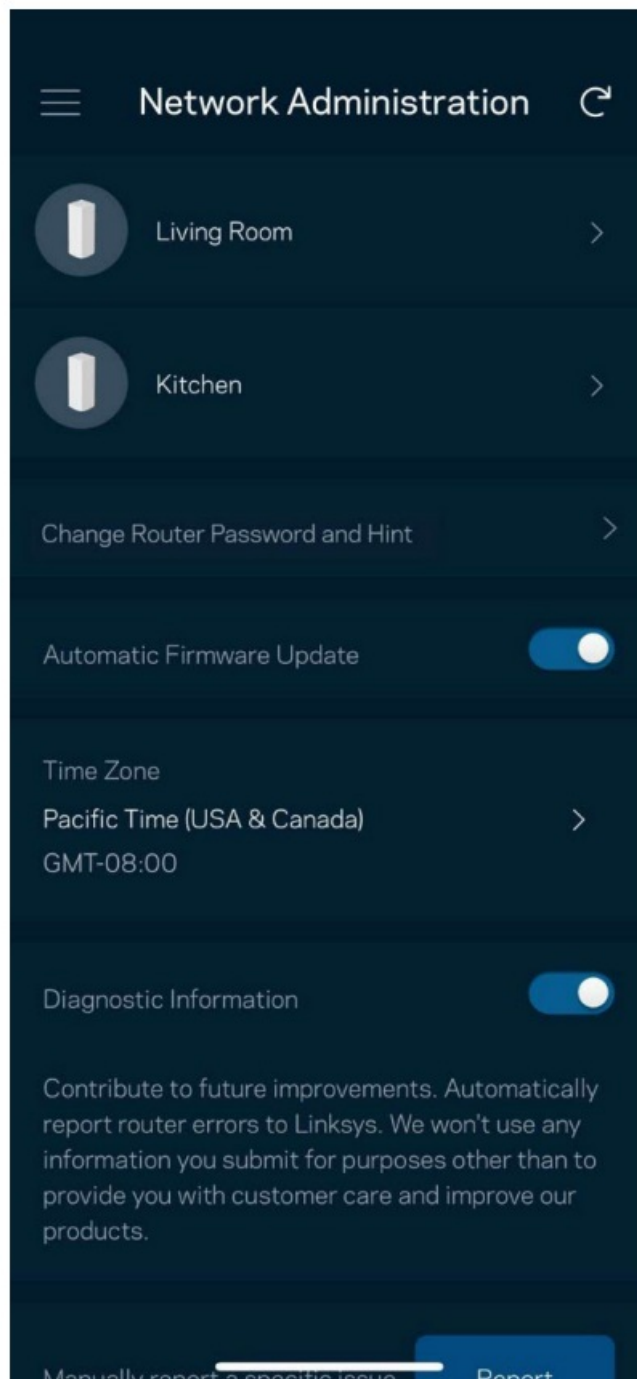
Opt in to automatically report crashes to Linksys and contribute to improving the Wi-Fi experience.
You also can manually report specific issues to Linksys.
The following information will be sent with your description of the issue:

App version	Login Type (cloud: show email address associated, local: display "Router ad min")
Device model	'WAN Connection type (display Wi-Fi or ethernet)
Device OS version	Time: date (mo./day/year, time, time zone)

Advanced Settings

Internet Settings
You can choose how your mesh Wi-Fi system 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 system.

Advanced users can use Additional Settings to clone MAC addresses and set MTU (maximum transmission unit).
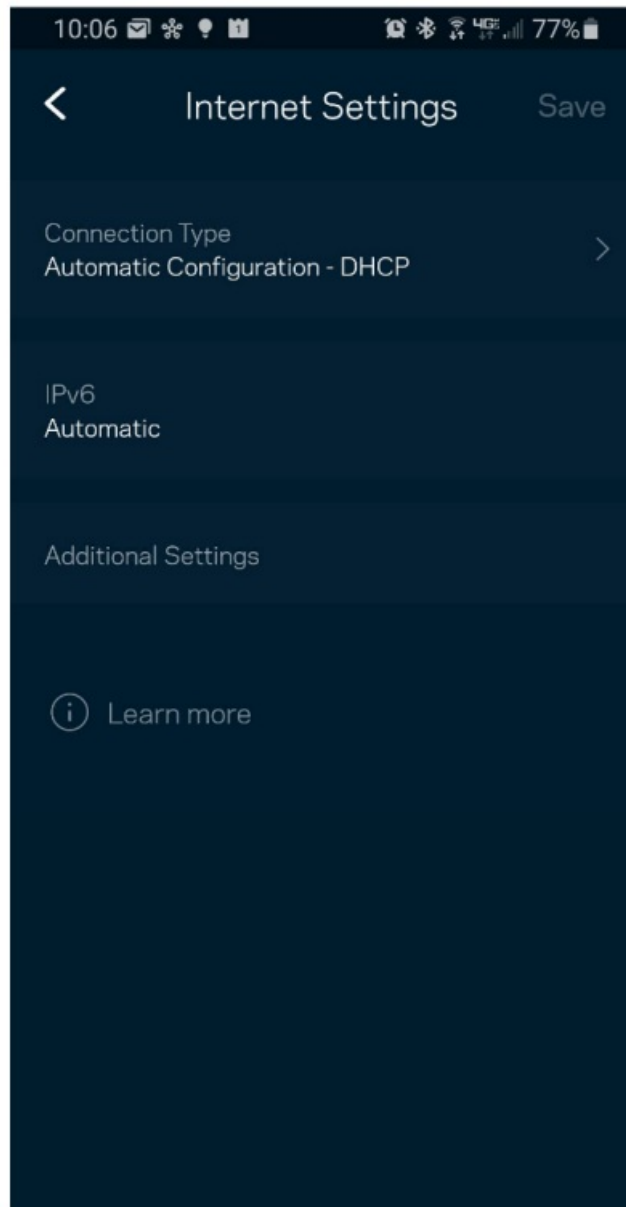
Port Settings
Port forwarding—for a single port, multiple ports or a range of ports—sends traffic inbound on a specific port or ports to a specific device on your network. In port range triggering, your router watches outgoing data for specific port numbers. The router remembers the IP address of the device that requests the data so that when the requested data returns, itis routed back to the proper device.
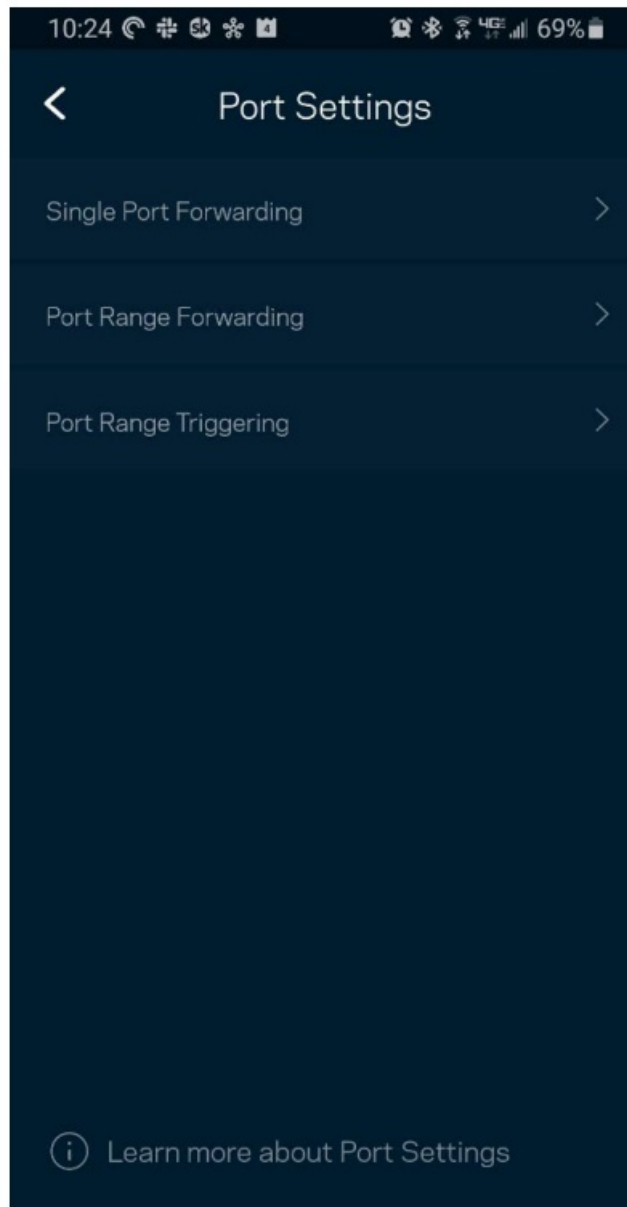
Wi-Fi MAC Filters
Every network device has a unique 12-digit MAC (media access control) address. You can create a list of MAC addresses and regulate how devices use your Wi-Fi.
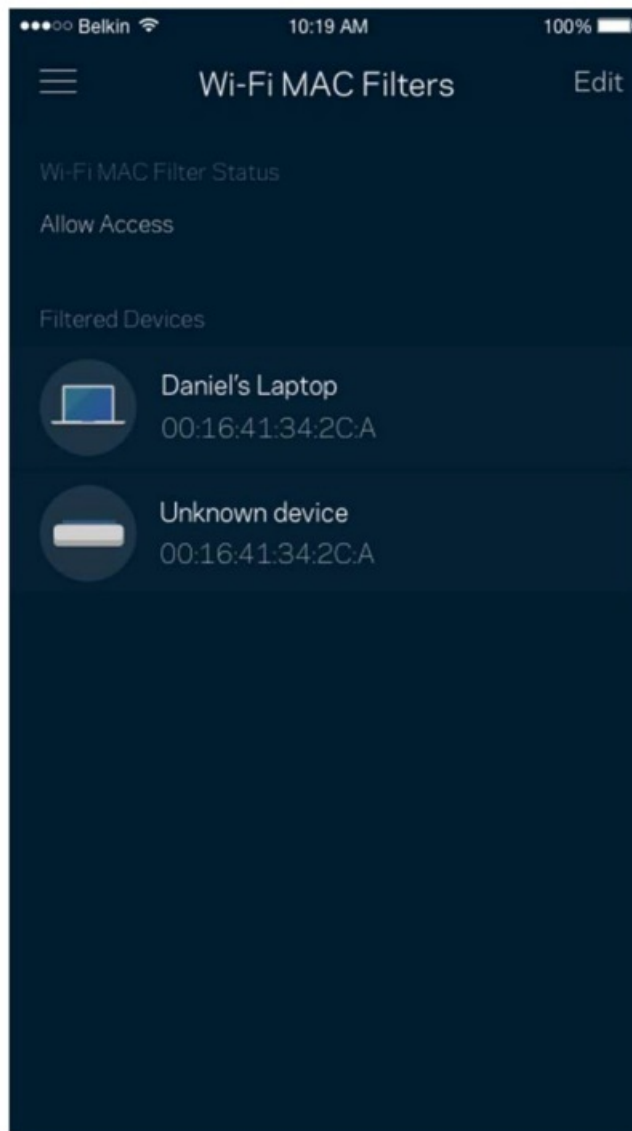
My Account
Change your Linksys app password and opt in to receive the latest news and deals from Linksys.
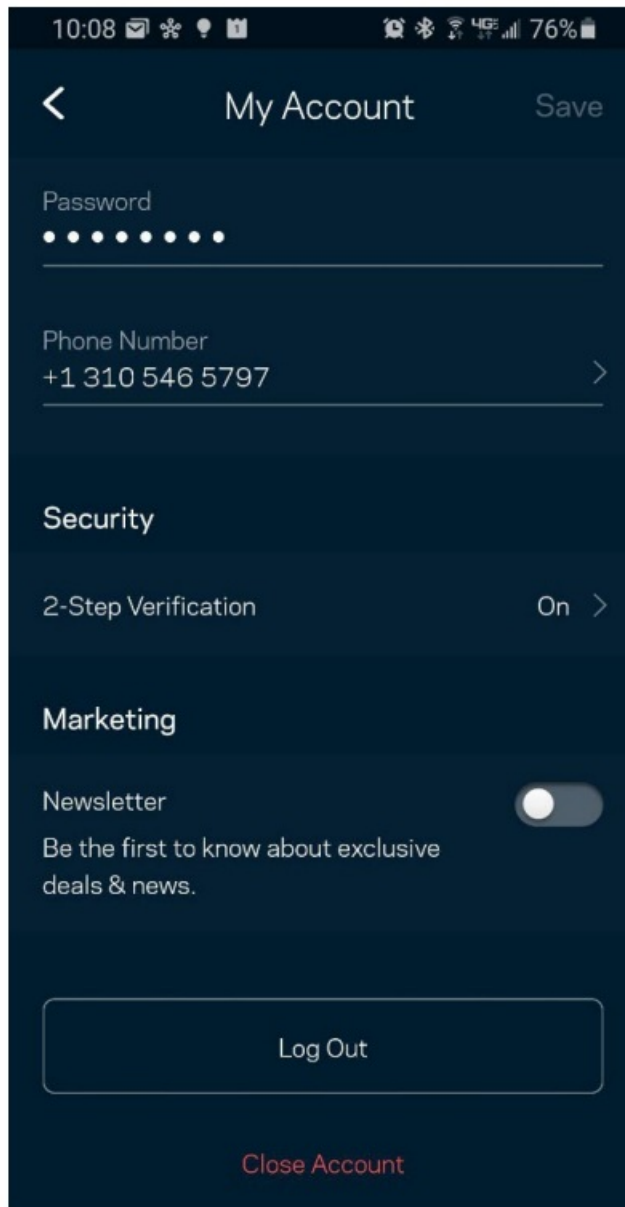
2-Step Verification

Add allayer of security to your Linksys account by requiring a verification code delivered to you by email or text when you log in from new device. You can choose to remember device for 30 days.
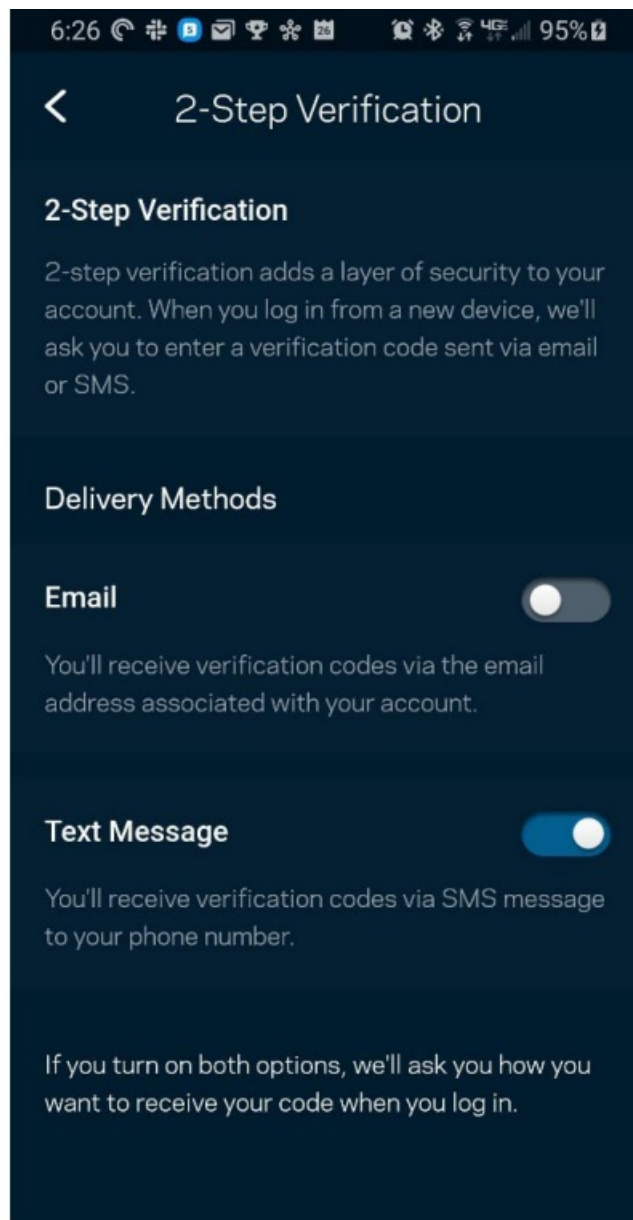
Help

Having trouble with the app? Just need a little more information about a feature? Tap Help for an explanation.
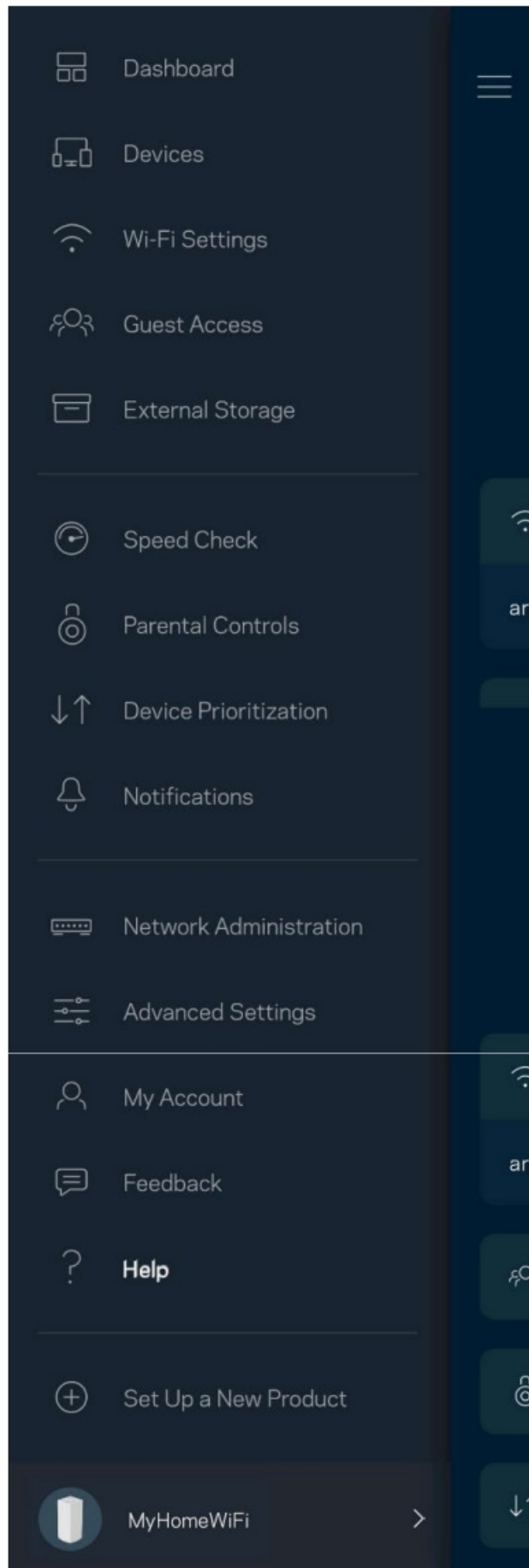
Feedback
Here's your chance to tell us what you think. Rate the app at your app store, send us a suggestion, or report an issue that's keeping you from a great experience.

Dashboard

Devices

Wi-Fi Settings

Guest Access

External Storage

Speed Check

Parental Controls

Device Prioritization

Notifications

Network Administration

Advanced Settings

My Account

Feedback

? Help

@ Set Up a New Product

MyHomeWiFi

Connect Directly To Your Router
If you are nonconnected to the internet you still can access your mesh Wi-Fi system. Connect to your 'Wi-Fi name, launch the Linksys app and tap Log in. On the next screen, tap the Use Admin Password tab. You will not be able to access your Linksys account when not online.
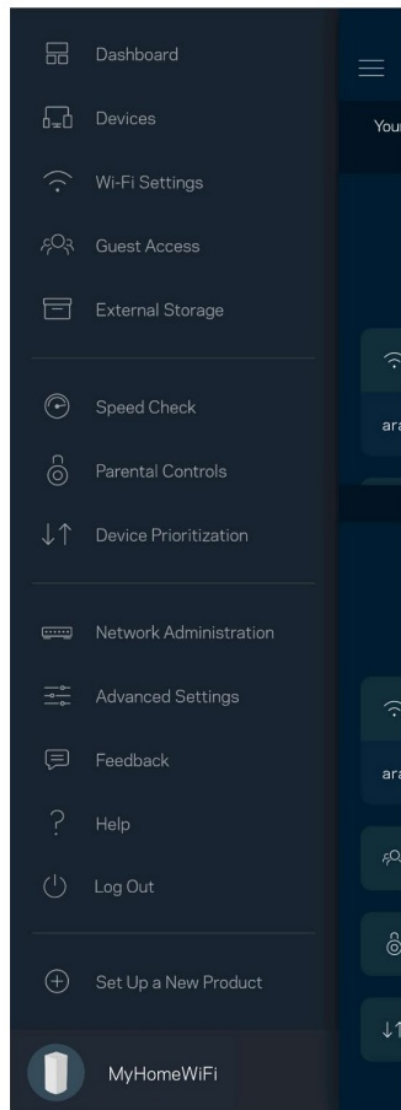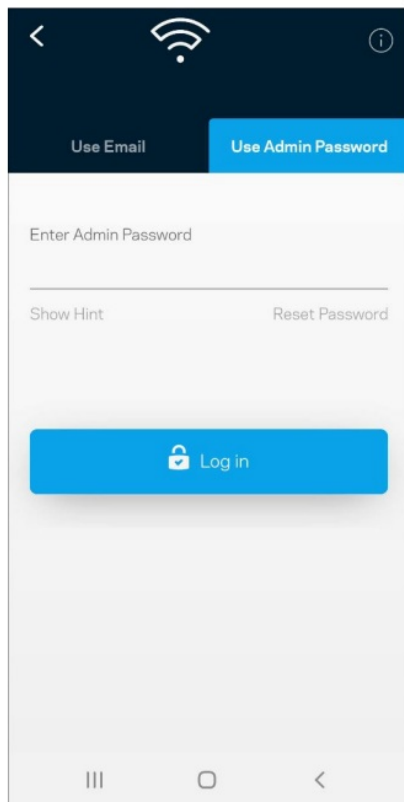
Router Password

'We created a secure admin password during setup. You won't be able to log in with Use Admin Password until you change it. Tap Network Administration and Change Router Password and Hint.
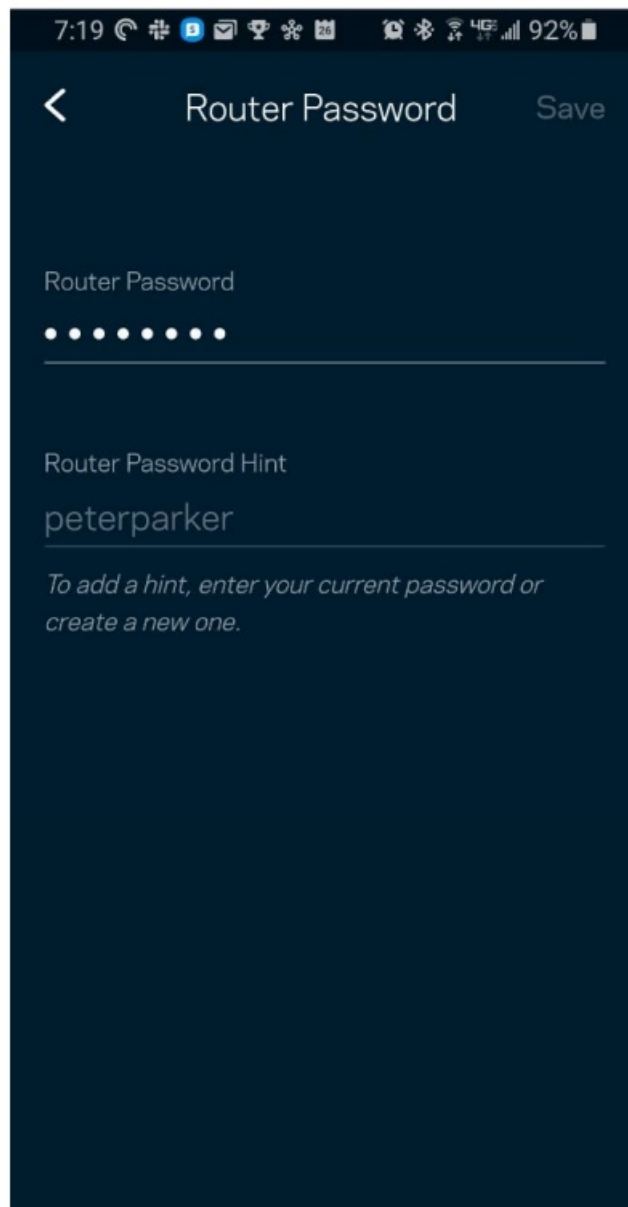
To keep your mesh Wi-Fi system secure, we'll send you an email if someone changes the admin password.

How to restore factory defaults

You should never need to factory reset your router—a very disruptive process. A factory reset restores your mesh Wi-Fi system to the state it was when you took it out of its box, requiring you to go through the setup process again. All settings you have customized in setup and since — things such as Wi-Fi name, passwords, security type —will be erased. All wireless devices will disconnect from your Wi-Fi.

To restore your router to factory defaults:

'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.

Rest buttom

Specifications

Linksys VELOP Micro-Router 6

Dimensions	215mm x 141.5mm x 499mm
Unit Weight Power	12V, 1,5A
Certifications Operating Temp.	32°t0 104° F(0to 40° C)
Storage Temp.	-4°to 140° F (-20 to 60° C)
Operating Humidity	10% to 90% relative humidity, non-condensing
Storage Humidity	5% to 90% non-condensing

Notes
For regulatory, warranty, and safety information, go to Linksys.com/support/LN1101.
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.
Note—Licenses and notices for third party software used in this product maybe viewed on **http://support.linksys.com/en-us/license**. Please contact **http://support.linksys.com/en-us/gplcodecenter** for questions or GPL source code requests.
Visit **linksys.com/support** for award-winning technical support.
LINKSYS and many product names and logos are trademarks of Linksys Holdings, Inc. and/or its affiliates. Third-party trademarks mentioned are the property of their respective owners.
© 2023 Linksys Holding, Inc. and/or its affiliates. All rights reserved.
Wireless Regulatory Information
FCC Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation
This product has been tested and complies with the specifications for a Class B digital device. pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates. uses. and can radiate radio frequency energy and. if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna

- Increase the separation between the equipment and devices

- Connect the equipment to an outlet other than the receiver's

- Consult a dealer or an experienced radio/TV technician for assistance

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

2.4 GHz operation of this product in the USA is firmware-limited to channels 1 through 11. Selection of other channels is not possible.

FCC Radiation

Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 35 cm between the radiator and your body.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures

Innovation, Science and Economic Development Canada Statement

CANICES-003(B) / NMB-003(B)

This device complies with ISED license-exempt RSS standards, Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference including interference that may cause undesired operation of the device.

For product available in the USA/Canada market, only channel 1-11 can be operated for 2.4 GHz. Selection of other channels is not possible.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

Innovation, Science and Economic Development Canada Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 35 cm between the radiator & your body.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna o transmitter except in accordance with ISED multi-transmitter product procedures

Restrictions in the 5 GHz Band

The device for the band 5150-5250 MHz s only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems,

This device has been designed to operate with an antenna having a maximum gain of 4.69 dBi and 5.01 diet 2.4 Ghana 5 GHz respectively. Antenna having a higher gain is strictly prohibited per regulations of ISED. The required antenna impedance is 50 ohms. The maximum antenna gain (Please see the table below) permitted (for devices in the bands 5250-5350 MHz and 5470-5725 MHz) to comply with the EIRP limit and the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the EIRP limits specified for point-to-point and non- point-to-point operation as appropriate because high power radars are allocated as primary users (meaning they have priority) in 5250-5350 MHz and 5650-5850 MHz, these radars could cause interference and/ or damage to license exempt LAN devices. The worst-case lit angle(s) necessary to remain compliant with the edit. elevation mask requirement setforthin Section 6.2.2(3) shall be clearly indicated

Linksys USA, Inc.
Regulatory Information

No.	Antenna Type	For2.4 GHz Gain (dBi)	For 5 GHz Gain (d Bi)	Antenna Connector
1	PCB	469	4.05	UFL
2	PCB	469	501	UFL
3	Printed	286	–	N/A

Additional requirements for the band 5600-5650 MHz

Until further notice, devices subject to this Section shall not be capable of transmitting in the band 5600-5650 MHz, so that Environment Canada weather radars operating in this band are protected.

Linksys USA, Inc.
Regulatory Information

Safety Notices

When using this product, basic precautions should always be followed, including, but not limited to, the following

- Do not use this product near water, for example, in a wet basement or near swimming pool
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning
- Do not expose this product terrain or snow: Keep this product away from heat sources, direct sunlight, combustible gas, humidity, water, or other liquids
- Do not use this product if visible defects are observed or if it has been wet or damaged or modified Contact the customer service support of Linksys for assistance.
- Do not disassemble, open, microwave, incinerate, paint, insert foreign objects into this product
- Donotexpose this product to fire or high temperature. Exposure to fire or high temperature may cause explosion
- Donotexpose this product to mechanical shock such as crushing, bending, puncturing, or shredding Avoid dropping or placing heavy objects on this product
- Please read the operating instructions and information on the minimum and maximum operating temperatures supplied with this product
- To reduce the risk of injury, close supervision s necessary when this productids used near or by children. This product s intended for indoor use only.
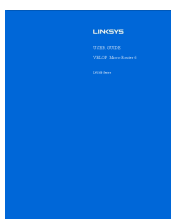- Use of this product in manner not recommended in these instructions may resulting risk of fire or injury to persons.

Documents / Resources

LINKSYS LN1100 Series VELOP Micro Router 6 [pdf] User Guide
LN1100 Series VELOP Micro Router 6, LN1100 Series, VELOP Micro Router 6, Micro Router 6, Router 6

References

- ⊔ᵗ **[Linksys Official Support - User Guides, Downloads, FAQs](#)**
- ⊔ᵗ **[Linksys Official Support - User Guides, Downloads, FAQs](#)**
- ⊔ᵗ **[Linksys Official Support](#)**
- **[User Manual](#)**