

LINKSYS®

Velop® WiFi 5

Whole Home Mesh
Tri-Band System

Powered by



LINKSYS
Intelligent Mesh™

Covers homes with up to
4+ bedrooms

60+ Devices

AC2200

up to 2.2 Gbps

1-, 2- or 3-Pack

Model#s WHW0301
WHW0302
WHW0303



Seamless, 100% full-speed Mesh WiFi that perfectly fits any home or lifestyle

Velop WiFi 5 (AC) Whole Home Mesh Tri-Band System is a high performing modular WiFi system built with Dynamic Tri-Band technology that works seamlessly to create a high-range mesh network. Unlike traditional routers with range extenders, Velop's Tri-Band WiFi mesh system provides WiFi throughout your entire home without lag or buffering.

Velop Nodes work with all home types, and each one increases your WiFi coverage so you can add more to your growing mesh network.* Nodes work together as one mesh system, giving you a single WiFi name and password, and the freedom of not having to switch networks. Compact, and sleek in design, nodes can be placed in open spaces without unsightly connected cables for a better performance. And Velop WiFi 5 Tri-Band works with Amazon Alexa™.

Velop is easy to set up using the Linksys App and is backed by a 3-year limited warranty and tech support.

At a glance

- Mesh WiFi system envelops your home in seamless WiFi.
- One single seamless WiFi network with one name & password.
- Modular system can be scaled with your growing WiFi needs.
- Intuitive easy App-led setup.
- Works with all Internet Providers.
- 3-Year Limited Product Warranty and 24/7 Consumer Care*.

Key Features

Home Friendly Design

Beautifully designed with hidden connections and a footprint that is 88% smaller than traditional routers.

Dynamic Tri-Band Whole Home WiFi

Tri-Band technology dynamically changes to ensure and deliver blazing fast, seamless WiFi to all devices.

One Network with 100% Seamless WiFi

Runs on one WiFi mesh network to deliver a 100% full-strength signal without interruption.

Integrated Amazon 'Alexa' voice commands

Amazon Alexa enables you to interact with Velop using your voice.

A WiFi mesh network in minutes

Intuitive easy setup with the free Linksys App.

Linksys Shield & Aware

Block unwanted content and malicious websites with Linksys Shield*, and monitor motion in your home and get notifications when unexpected activity is detected with Linksys Aware*.

* Linksys Aware and Shield are available as software subscriptions on all Linksys Velop Tri-Band WiFi systems. For more information, visit: Linksys Aware: linksys.com/gb/linksys-aware, Linksys Shield: linksys.com/gb/linksys-shield

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Velop® WiFi 5 AC2200

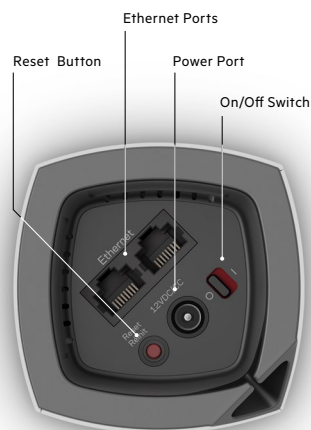
Whole Home Mesh Tri-Band System

1-, 2- or 3-Pack

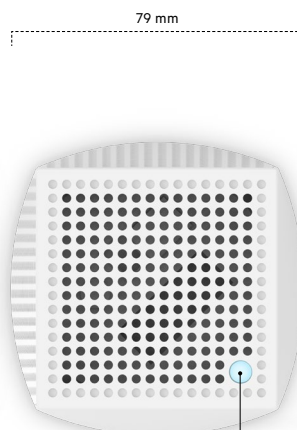
Model#s WHW0301

WHW0302

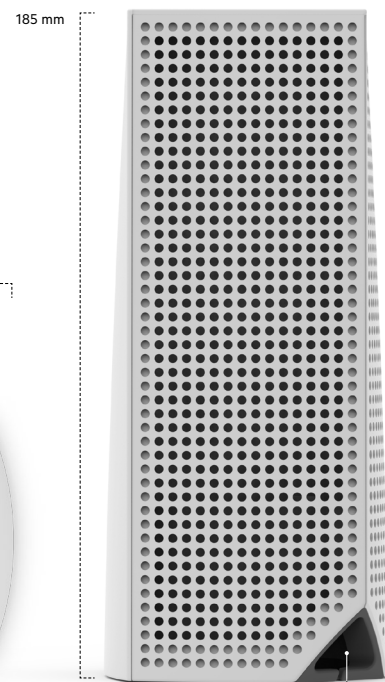
WHW0303



Bottom



Top



Back

Product details

Easy App-led setup

Setting up a Velop WiFi 5 Whole Home Mesh Tri-Band System is easy. Download and install the free Linksys app on any iOS or Android smartphone. When you launch the app, it automatically identifies the device to be set up and provides an animated setup guide that will have you online in minutes.

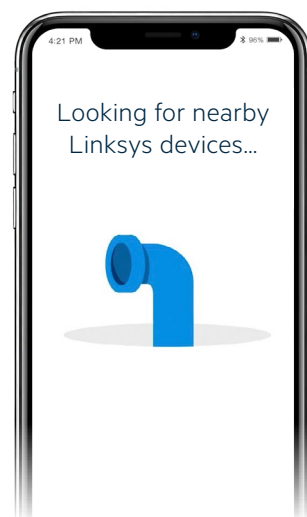
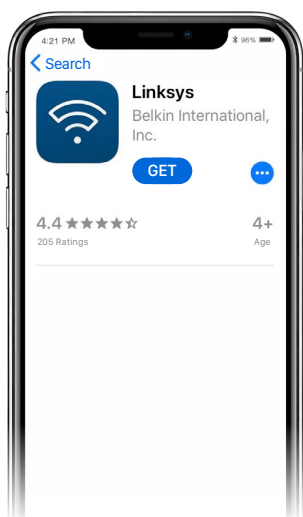
With the Linksys App, you can always monitor and manage your home WiFi from anywhere, using a smartphone or tablet.

1. Download and install the free Linksys app

2. Connect the Node to your modem (-router), plug in & switch on

3. Open the Linksys app

4. Follow the on-screen instructions



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Velop® WiFi 5 AC2200
 Whole Home Mesh Tri-Band System

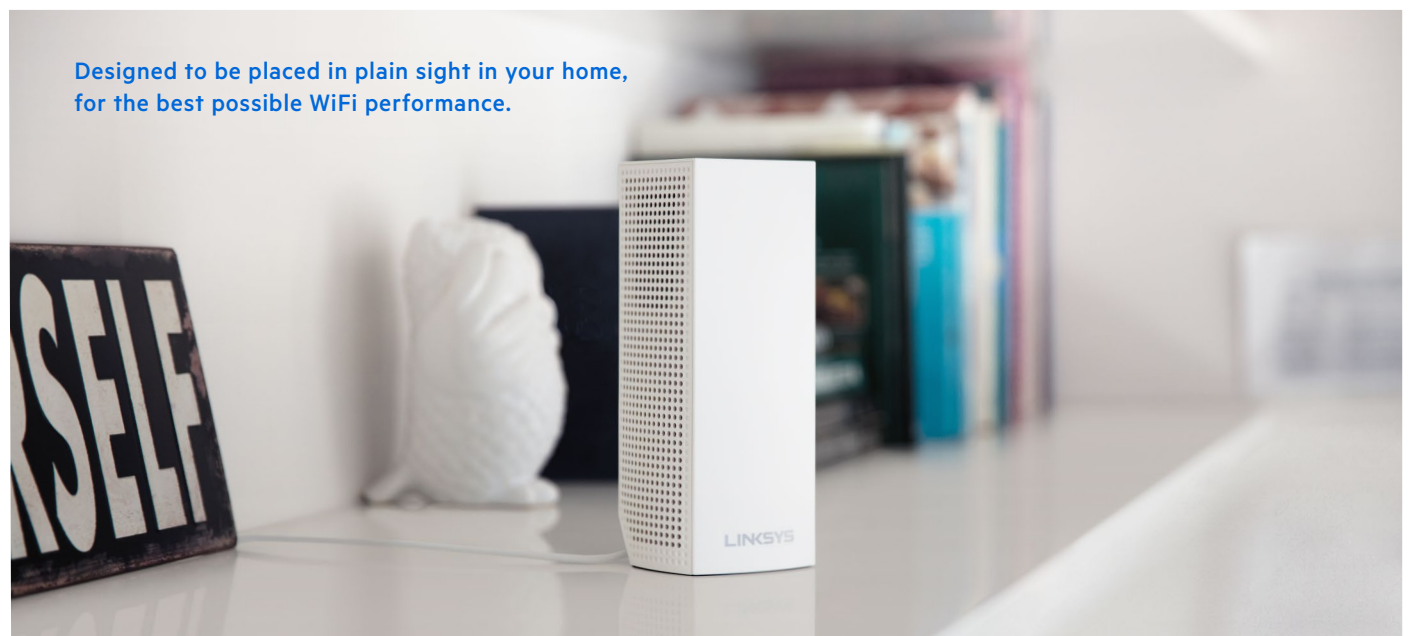
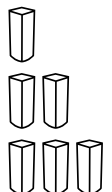
1-, 2- or 3-Pack
 Model#s WHW0301
 WHW0302
 WHW0303



A modular and easy-to-add-on system delivering coverage for any home & lifestyle

Velop's easy-to-add-on modular system of nodes all work together to give you flawless and seamless WiFi everywhere and easily replaces a standard router with Mesh WiFi. As your home and family expands, easily add more nodes to expand your network. Each Velop WiFi 5 AC2200 Tri-Band node adds up to 1-2 rooms** or 1 floor**, at speeds up to 2.2 Gbps*.

- 1 Velop WiFi 5 Tri-Band Node covers homes with up to 1-2 bedrooms and 20+ devices
- 2 Velop WiFi 5 Tri-Band Nodes cover homes with up to 3 bedrooms and 40+ devices
- 3 Velop WiFi 5 Tri-Band Nodes cover homes with up to 4+ bedrooms and 60+ devices



Designed to be placed in plain sight in your home, for the best possible WiFi performance.



Monitor & manage your home WiFi

from any mobile device with
the free Linksys App



Control your WiFi in real time, wherever you are

The Linksys app is the command center for your WiFi. Use the Linksys app anywhere you have an internet connection to check connected devices, set up guest access, or keep your kids off the internet when they should be doing homework.

Linksys App at a glance

- View which devices are connected, and easily limit internet usage with Parental Controls.
- Assign bandwidth hierarchy with Device Prioritisation.
- Keep your WiFi secure with Automatic Firmware updates.
- Give guests access and share their password via text message.

Essential Features

Parental Control

Create device schedules, block certain websites or pause WiFi for homework.

Guest Access

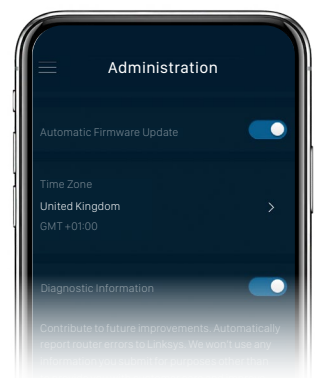
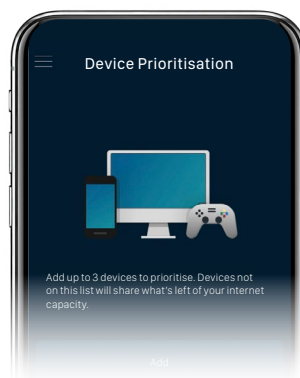
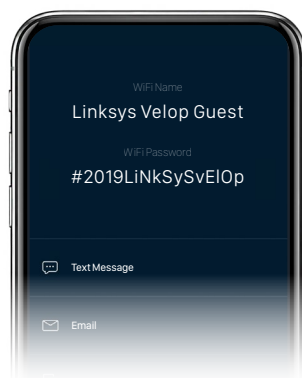
Easily share a guest network with visitors. Your main WiFi stays separated by a firewall.

Device Prioritisation

Prioritise streaming devices while your kids surf or play games.

Auto Firmware Update

Keep your WiFi safe and secure with Automatic Firmware updates.



Protect your family's connected life with Linksys Shield[‡]

Extended parental controls with Age-Based Content Filtering.

Linksys Shield is a premium subscription software service for Velop Tri-Band users providing an additional layer of protection. With Linksys Shield you can block inappropriate content and manage your family's internet usage from within the Linksys App.

Linksys Shield at a glance

- Age-based content filtering allows you to prevent your kids from visiting sites that contain unwanted content.
- Advanced browsing protection checks sites you visit against a database of millions of known threats.
- Schedule Internet time on specific devices so your children get a good night's sleep.

Essential Features

Age-based Category Blocker

Preset restrictions selectively filter out content by age bracket.

Advanced browsing protection

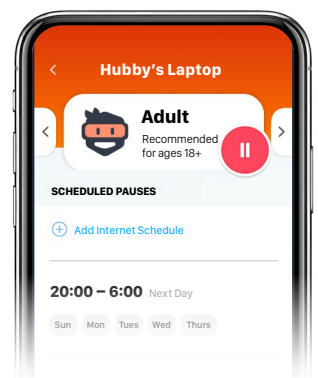
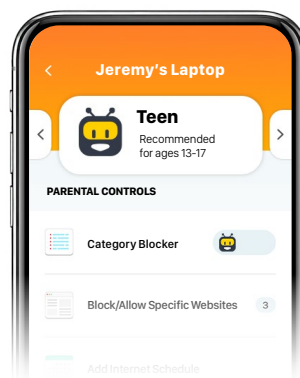
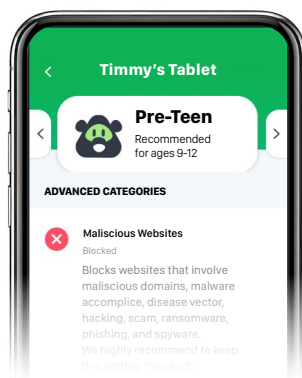
Prevent from unsuspectingly visiting malicious sites.

Block websites with a single tap

Personalise presets by sections or sites within those categories.

Schedule or pause screen time

Manage Internet usage for family time.





Introducing the first-ever

Mesh WiFi motion sensing technology[‡]

Peace of mind without any cameras or additional hardware.

Linksys Aware is a WiFi motion sensing subscription service that uses your existing Velop® Intelligent Mesh™ WiFi network to sense motion without the use of cameras or additional hardware. It detects activity via WiFi signals and sends you notifications through the Linksys App when unexpected motion has occurred.

Available as a renewable software subscription

- Linksys Aware is available on all Linksys Velop® Tri-Band Mesh WiFi Systems* and comes with a free 90-day trial.
- Put your home WiFi in aware mode for your vacation with a Monthly renewable subscription, or get peace of mind year round with a Yearly renewable service.

* You'll need at least two Velop® Tri-Band nodes to be able to use Linksys Aware

Essential Features

Set your motion sensitivity level

See what your pets are up to, or only get notified when people are in when there shouldn't.

Set notification schedules

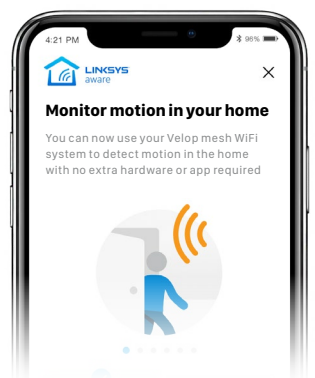
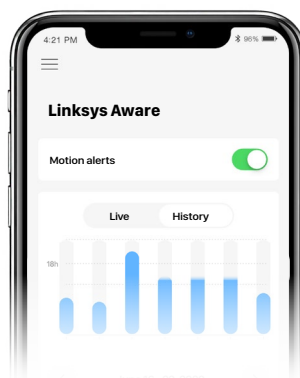
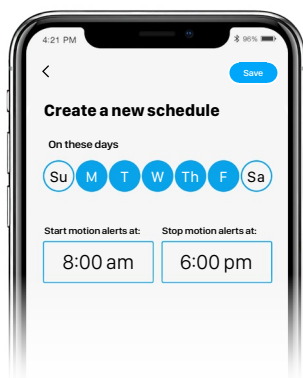
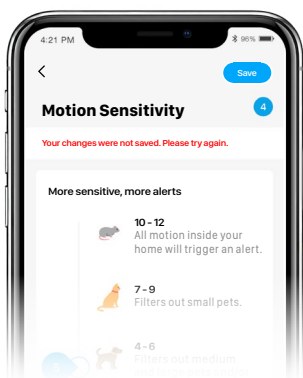
Create schedules for when you're away from home or peacefully asleep.

View motion history

See hourly, daily or weekly movement.

Put your WiFi in aware mode

Get a monthly or yearly subscription right in your Linksys App.



LINKSYS

Velop® WiFi 5 AC2200

Whole Home Mesh Tri-Band System

1-, 2- or 3-Pack

Model#s WHW0301

WHW0302

WHW0303

3-Packs

WHW0303 / WHW0303B (Black)

3 Velop WiFi 5 Tri-Band Nodes cover homes with up to 4+ bedrooms and 60+ devices



2-Pack

WHW0302

2 Velop WiFi 5 Tri-Band Nodes cover homes with up to 3 bedrooms and 40+ devices



1-Pack

WHW0301

1 Velop WiFi 5 Tri-Band Node covers homes with up to 1-2 bedrooms and 20+ devices



Specifications

Package Includes

- Linksys Velop WiFi 5 Tri-Band node & power adapter, 2-pack (x2), 3-pack (x3)
- Ethernet cable.
- Quick Start Guide.
- Printed Documentation.

WiFi Specifications

WiFi AC2200 with MU-MIMO.

2.4 Ghz radio - 400 Mbps*

5 Ghz radio 1 - 867 Mbps*

5 Ghz radio 2 - 867 Mbps*

Simultaneous Tri-Band

IEEE 802.11 b/g/n - 2.4 Ghz,

IEEE 802.11 b/n/ac - 5 Ghz - 256 QAM support.

Tri-Band Dynamic Backhaul

Advanced Beamforming+ technology

Seamless roaming technology.

Required for set-up

- 1 Internet connection with a modem or modem-router.
- 2 Mobile devices with Android 4.0.3 or iOS 8 and higher, with data connection.

Processor and Memory

716 MHz Quad Core

512 GB Flash and 512 MB RAM

Bluetooth®

4.0/LE for secure and easy App-based Setup.

Security

WPA2 personal encryption,

Wired Connectivity

2 auto-sensing Gigabit Ethernet ports

for WAN and/LAN connection

Radio Operating Frequencies

2.4 GHz 2,412-2,472 MHz

5 GHz 5,180-5,240 MHz,

5,260-5,320 MHz,

5,500-5,700 MHz

Bluetooth/ Zigbee 2,402-2,480 Mhz

Antenna Type

WiFi: 6 Di-Pole antennas (and high powered

amplifiers) for expanded coverage

Bluetooth/ Zigbee: PIFA

Antenna Gain Bluetooth 1.69 dBi

Antenna Gain Zigbee 0.85 dBi

Antenna Gain WiFi

2,412-2,472 MHz 3.26 dBi

5,180-5,240 MHz 3.77 dBi

5,260-5,320 MHz 3.77 dBi

5,500-5,700 MHz 3.87 dBi

Output Power (EIRP) WiFi

2,412-2,472 MHz 19.84 dBm

Beamforming 19.89 dBm

5,180-5,240 MHz 22.40 dBm

Beamforming 22.82 dBm

5,260-5,320 MHz 22.56 dBm

Beamforming 22.91 dBm

5,500-5,700 MHz 29.73 dBm

Beamforming 29.62 dBm

Power adapter

Input: 100-240 V ~ 50-60 Hz, 0.7A

Output: 12 V, 2 A

Temperature

Operating 0 to 40° C

Storage -20 to 70° C

Humidity Range

..... 10 to 80% RH

(non-condensing)

Dimensions

Product (individual node)

Weight 0.61 kg

Depth 7.9 cm

Width: 7.9 cm

Height: 18.5 cm

Retail-Packaged Unit (1-pack)

Weight:

1-Pack 3.33 kg

2-Pack 2.2 kg

3-Pack 3.0 kg

Width:

1-Pack 21.5 cm

2-Pack 30.6 cm

3-Pack 39.5 cm

Height all: 25.5 cm

Depth all: 11.5 cm

Case Pack Dimensions

Weight (*PL):

1-Pack 3.4 kg

2-Pack 5.1 kg

3-Pack 6.87 kg

Width (*PL):

1-Pack 26.5 cm

2-Pack 35.5 cm

3-Pack 43.5 cm

Height all (*PL) 29.5 cm

Depth all (*PL) 26.5 cm

Quantity all (*PL) 2 per pack

Manufacturer Belkin International
 Brand Linksys
 Model Number WHW0301/WHW0302/WHW0303/WHW0303B
 Description Velop WiFi 5 Whole Home Mesh
 Tri-Band System, AC2200

Belkin BV.
 Jupiter Building; Herikerbergweg 106,
 1101 CM Amsterdam Zuid-Oost,
 The Netherlands

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Belkin Limited
 Unit 1, Regent Park, Booth Drive,
 Park Farm South, Wellingborough,
 Northants, NN8 6GR, United Kingdom

Made in Vietnam.

	Part Number	Tarif code	UPC	EAN	Plug Type
1-Pack	WHW0301-UK	8517620000	745883728176	4260184672110	British (BS1363)
	WHW0301-EU	8517620000	745883728152	4260184666775	Euro (CEE 7/16)
	WHW0301-ME	8517620000	745883728169	4260184666799	British (BS1363)
2-Pack	WHW0302-UK	8517620000	745883728411	4260184672127	British (BS1363)
	WHW0302-EU	8517620000	745883728213	4260184666812	Euro (CEE 7/16)
	WHW0302-ME	8517620000	745883728237	4260184666836	British (BS1363)
3-Pack	WHW0303-UK	8517620000	745883728473	4260184672134	British (BS1363)
	WHW0303-EU	8517620000	745883728442	4260184666850	Euro (CEE 7/16)
	WHW0303-ME	8517620000	745883728466	4260184666874	British (BS1363)



3-Year Limited
Product Warranty

* Maximum Performance derived from IEEE Standard 802.11 specifications. Actual performance may vary, including lower wireless network capacity, data throughput rate, speed, range and coverage. Performance depends upon many factors, conditions and variables, including building materials and construction, volume of network traffic, mix of wireless products used, interference and other adverse conditions. In order to achieve the best performance, this product must be used with compatible AC2200 wireless devices. The standard transmission rates—867 Mbps (for each 5 GHz radio), 400 Mbps (for 2.4 GHz)—are the physical data rates. Actual data throughput will be lower and may depend on the mix of wireless products used and external factors. Specifications are subject to change without notice. An active, customer-purchased Internet Service Provider broadband account is required for connection of this product and other connected devices to the Internet. Some devices may require additional wireless adapters or an Ethernet cable to connect.

Based on the maximum speed that data (PHY rate) can move across a wireless link while alternating between the two 5GHz radios in each node. Each node has three WiFi radios – one 2.4GHz WiFi radio and two 5 GHz WiFi radios. Each 5 GHz radio has throughput of 867 Mbps. Nodes will alternate between the two 5 GHz radios for each separate connection, providing 100% seamless WiFi to your network. May require a software/firmware update available for download at linksys.com/support.

** Each node in the wireless system provides additional WiFi coverage. Range can vary with the number and placement of nodes in the system. Range specifications are based on performance test results under normal use case conditions. Actual ranges will vary depending on wireless obstructions, operating environments and building material. Wireless coverage claims are used only as reference and are not guaranteed, as each wireless network is unique.

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Download the Linksys app at linksys.com/appUser Documentation is also available at: www.linksys.com/support

This device is restricted to indoor use only when operating in 5,150 - 5,350 MHz

