LINKSYS

Velop® WiFi 6

Whole Home Mesh
Tri-Band System

Powered by

LINKSYS
Intelligent Mesh™

Covers homes with up to
3 bedrooms

50+ Devices

AX5300
up to 5.3 Gbps

1-Pack
Model# MX5300

Seamless Next-Level Streaming & Gaming with the Speed of WiFi 6

Velop Whole Home WiFi 6 (AX) Tri-Band Series is the next generation of Mesh WiFi. It combines Velop's Intelligent Mesh™ technology with WiFi 6 to deliver true gigabit WiFi speeds—up to 5.3 Gbps—to every corner of your home.

Sending and receiving multiple streams of data simultaneously, WiFi 6 (AX) has 4x the capacity of WiFi 5 (AC)technology. The Velop WiFi 6 Tri-Band Series can handle as many as 50 devices, so laptops, televisions, smart-home systems and more can all operate simultaneously with ease. BSS Colouring technology minimises congestion by eliminating interference from nearby wireless networks delivering a strong, clear wireless signal throughout your home.

As with any Velop node, increasing your coverage is as simple as adding any other Velop node.

At a glance

- Enjoy 4X faster speeds with WiFi 6 technology delivering true gigabit speeds throughout your home, up to 5.3 Gbps with 12-stream connectivity.*
- WiFi 6 delivers even more range than WiFi 5.
- Modular system can be scaled with your growing WiFi needs.
- Works with all Internet Providers
- 3 Year Warranty and 24/7 Consumer Care

Key Features

Makes your current WiFi feel like dial-up
Next-generation OFDMA (orthogonal frequency-division multiple access) increases efficiency in high-density scenarios, delivering high-speed WiFi to multiple devices simultaneously.

More range than WiFi 5 (AC)
Velop's Intelligent Mesh Technology, combined with WiFi 6, delivers gigabit WiFi speeds throughout your home.

Supports even the biggest WiFi hoarders
With 4x the capacity of WiFi 5, WiFi 6 provides enough bandwidth for as many as 50 devices.

Eliminates interference
BSS Colouring technology eliminates interference from nearby WiFi networks, for a strong, clear signal to all your devices.

USB and Ethernet ports offer versatile connectivity
With four Gigabit-Ethernet ports and a USB 3.0 port, you can easily connect shared storage devices and more.

A WiFi mesh network in minutes
Intuitive easy setup with the Linksys App.

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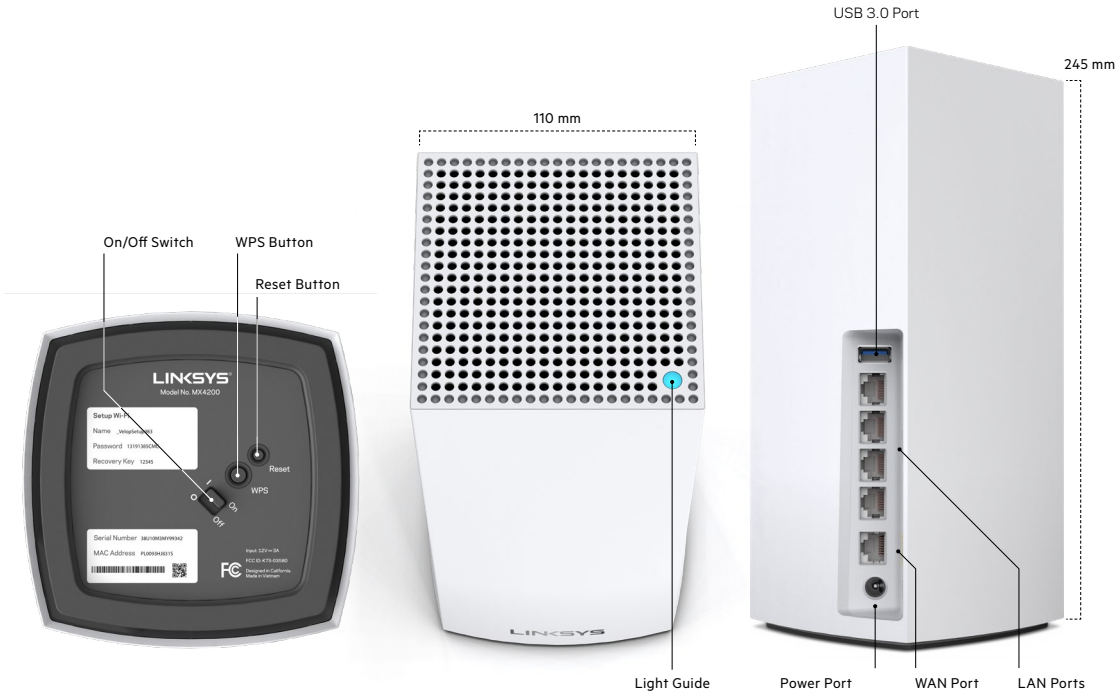
Velop® WiFi 6 AX5300

Whole Home Mesh Tri-Band System

1-Pack

Model# MX5300



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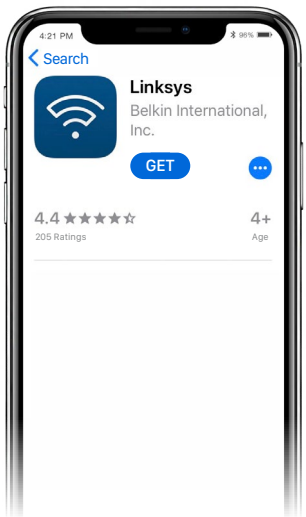
Product details

Easy App-led setup

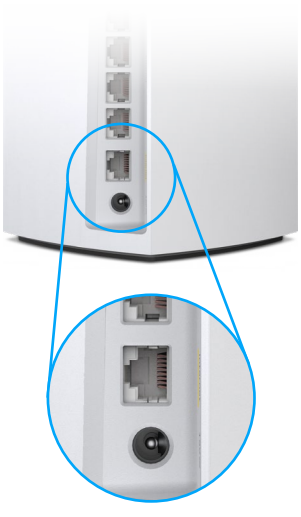
Setting up a Velop WiFi 6 Whole Home Mesh Tri-Band System is easy. Download and install the free Linksys app on any iOS or Android smartphone. When you launch the app, it automatically identifies the device to be set up and provides an animated setup guide that will have you online in minutes.

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

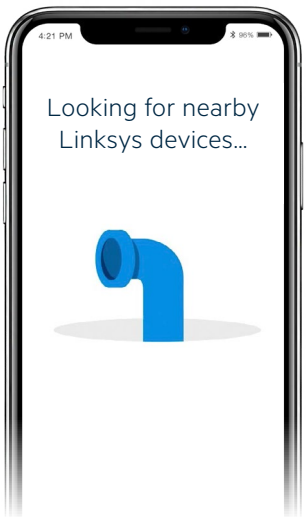


2. Connect the Node to your modem (-router), plug in & switch on



3. Open the Linksys app

4. Follow the on-screen instructions



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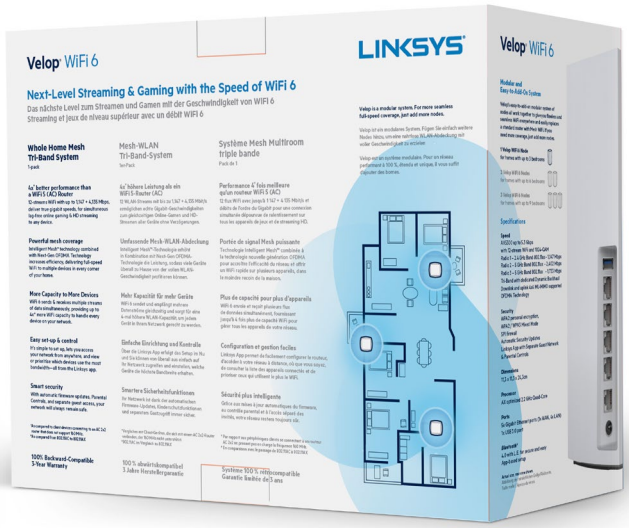
Velop® WiFi 6 AX5300

Whole Home Mesh Tri-Band System

1-Pack

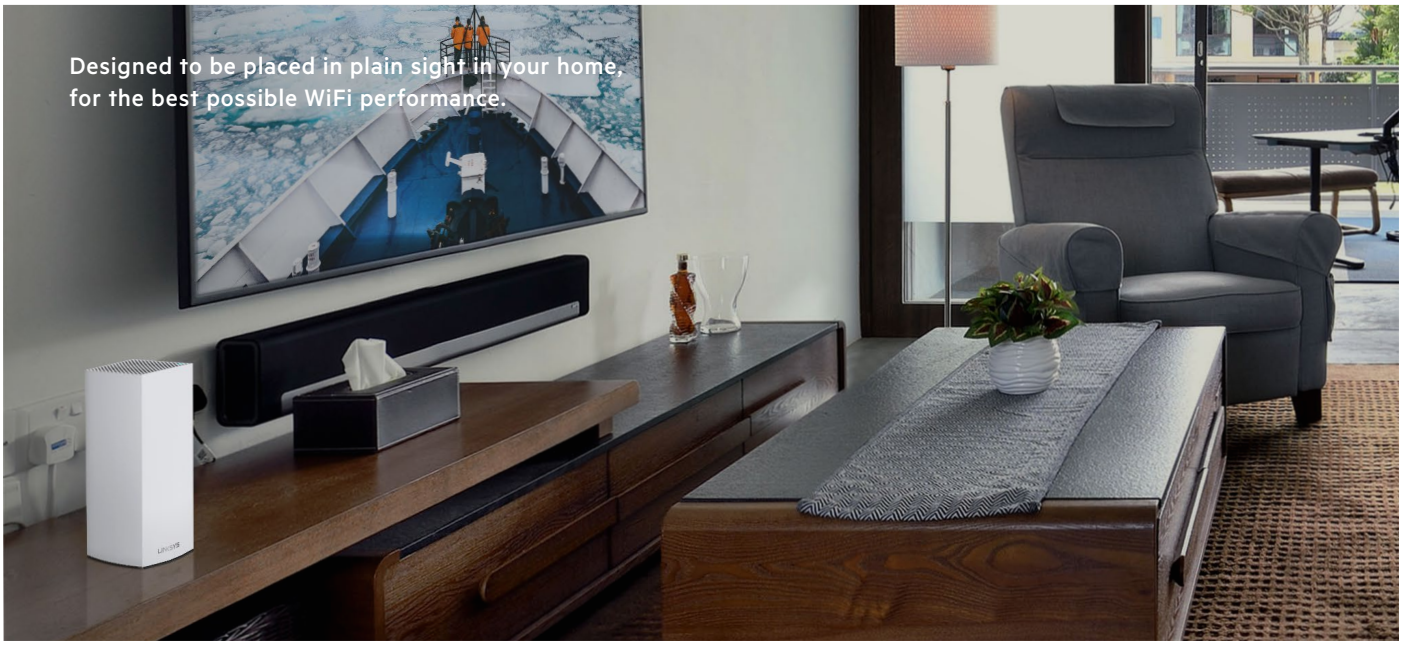
Model# MX5300



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 6 AX5300 Tri-Band node adds up to 3 rooms** or 1 floor**, at speeds up to 5.3 Gbps*.

- **1 Velop WiFi 6 AX5300 Node covers homes with up to 3 bedrooms and 50+ Devices**
- 2 Velop WiFi 6 AX5300 Nodes cover homes with up to 6 bedrooms and 100+ Devices



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Download on the App Store

GET IT ON Google Play

Monitor & manage your home WiFi

from any mobile device with the 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.

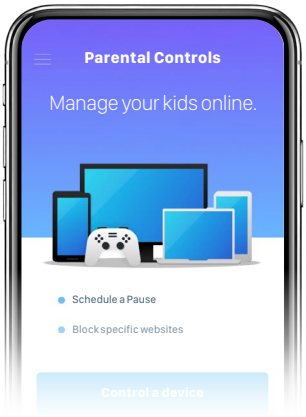
Essential Features

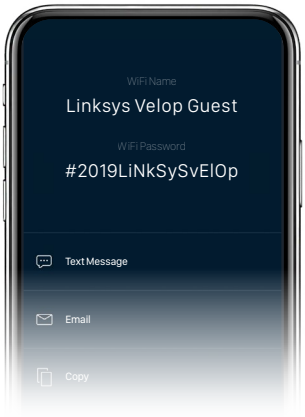
Parental Control
Create device schedules, block certain websites or pause WiFi for homework.

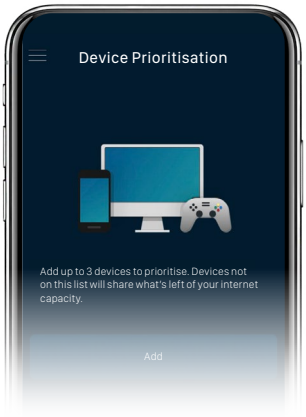
Guest Access
Easily share a guest network with visitors. Your main WiFi stays separated by a firewall.

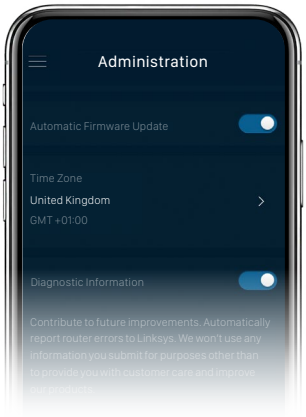
Device Prioritisation
Prioritise streaming devices while your kids surf or play games.

Auto Firmware Update
Keep your WiFi safe and secure with Automatic Firmware updates.









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Velop® WiFi 6 AX5300

Whole Home Mesh Tri-Band System

1-Pack
Model# MX5300

Specifications

Package Includes
- 1 Linksys Velop WiFi 6 Tri-Band Series node.
- Power adapter, Ethernet cable.
- Quick Start Guide.
- Printed Documentation.

WiFi Specifications
WiFi AX5300* with 12-stream WiFi,
4x4 MU-MIMO and 1024-QAM.

2.4 Ghz radio - 1,147 Gbps*
5 Ghz radio 1 - 2,402 Gbps*
5 Ghz radio 2 - 1,733 Gbps*

Simultaneous Tri-Band
IEEE 802.11 b/g/n – 2.4 Ghz
– 1,024 QAM support.
IEEE 802.11 b/n/ac/ax – 5 Ghz
– 1,024 QAM support.

Tri-Band Dynamic Backhaul
OFDMA Technology
Downlink and uplink MU-MIMO supported

Advanced Beamforming+ technology
Seamless roaming technology.

Required for set-up
1 Internet connection with a modem or modem-router.
2 Mobile devices with Android 4.4 or iOS 9 and higher, with data connection.

Processor and Memory
AX optimised 2.2 GHz Quad-Core.
512 MB Flash and 1 GB RAM..

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

Security
WPA2 personal encryption,
WPA2 / WPA3 Mixed Mode.

Wired Connectivity
5 Gigabit Ethernet ports (1x WAN, 4x LAN)
1x USB 3.0 port for SMB file sharing, FTP and UPNP/DLNA media streaming.

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

3-Year Limited Product Warranty

Antenna Type
WiFi: 9 Di-Pole antennas (and high powered amplifiers) for expanded coverage.

Antenna Gain WiFi
2,412-2,472 MHz ..... 3.62 dBi
5,180-5,240 MHz ..... 5.97 dBi
5,260-5,320 MHz ..... 5.95 dBi
5,500-5,700 MHz ..... 5.11 dBi

Output Power (EIRP) WiFi
2,412-2,472 MHz ..... 19.98 dBm
Beamforming ..... 19.94 dBm
5,180-5,240 MHz ..... 22.98 dBm
Beamforming ..... 22.88 dBm
5,260-5,320 MHz ..... 22.70 dBm
Beamforming ..... 22.65 dBm
5,500-5,700 MHz ..... 29.88 dBm
Beamforming ..... 29.86 dBm

Antenna Gain Bluetooth ..... 1.69 dBi
Antenna Gain Zigbee ..... 0.85 dBi
EIRP Bluetooth & Zigbee ..... 9.89 dBm

Power adapter
Input: ..... 100-240 V ~ 50-60 Hz, 0.7 A
Output: ..... 12 V, 4 A

Operating Temp ..... 0 to 40° C
Storage Temp ..... -20 to 70° C
Humidity Range ..... 10 to 80% RH (non-condensing)

Dimensions

Product (individual node)
Weight ..... 1.59 kg
Depth ..... 11 cm
Width: ..... 11 cm
Height: ..... 24.4 cm

Retail-Packaged Unit (1-pack)
Weight ..... 2.84 kg
Depth ..... 12.9 cm
Width ..... 31.1 cm
Height: ..... 24.9 cm

Case Pack Dimensions
Quantity (*PL) ..... 2 per pack
Weight (*PL) ..... 6.4 kg
Depth (*PL) ..... 30 cm
Width (*PL) ..... 35.5 cm
Height (*PL) 30 cm

Manufacturer ..... Belkin International
Brand ..... Belkin
Model Number MX5300
Description ..... Velop WiFi 6 Whole Home Mesh Tri-Band MX5300 System

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
MX5300-EU	8517620000	745883782987	4260184669158	Euro (CEE 7/16)
MX5300-UK	8517620000	745883783021	—	British (BS1363)
MX5300-ME	8517620000	745883783014	4260184669189	British (BS1363)

3-Year Limited Product Warranty

* Performance may vary. Customer-paid Internet service required. For more information, please refer to the insert inside the package, or the product data sheet found at www.linksys.com/velop/documentation. Coverage statements are provided as a guide only. 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 interference, physical obstructions, operating environments and building material. Wireless coverage claims are used only as reference and are not guaranteed, as each wireless network and environment is unique.

** Additional nodes may be required for especially large houses or buildings with thick or dense walls. Coverage of all homes cannot be guaranteed due to variations in size, layout, building materials and the level of wireless interference present.

Download the Linksys app at linksys.com/app

User 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

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