

## A better WiFi has arrived.

# Atlas Pro 6



Dual-Band WiFi 6  
Mesh System

Model#

**MX5500**

MX5501 / MX5502 / MX5503

**30+ devices**

Capacity per node



**AX5400**

up to 5.4 Gbps



2 nodes cover homes with up to

**3-4 bedrooms**

or 2 floors\*\*

# Simultaneous video calls, gaming and high-speed data capacity.

## Atlas Pro 6

Model#  
MX5500  
MX5501  
MX5502  
MX5503



### Industry-leading technology.

The Qualcomm Immersive Home 216 Platform delivers the ultimate WiFi 6 experience.

This next-gen technology evolves home and business WiFi with wire-like stability and beyond-fast performance.

Qualcomm  
immersive home  
216 platform

Wi-Fi 6

### Ultra-fast WiFi 6.

Access to 160 MHz channels—the least congested on the 5GHz band—unleashes WiFi 6's incredibly fast connectivity, allowing work-from-home, online learning, streaming & gaming devices to operate simultaneously without reduced bandwidth.

### Intelligent Mesh™.

Future-ready hardware with Intelligent Mesh technology and guaranteed updates keep your connection going strong.

### Up to 4x<sup>‡</sup> the capacity of older WiFi standards and 100% backward-compatible.

Six-stream WiFi with up to 574 + 4,804 Mbps delivers true gigabit speeds throughout your entire home inside & out.

### More WiFi Channels.

Dynamic Frequency Selection (DFS) reduces interference from neighboring networks.

### Smart Routing.

OFDMA increases efficiency in high-density scenarios, delivering high-speed wifi to multiple devices simultaneously.

### Reduced Power Consumption.

WiFi 6 (802.11AX) helps devices negotiate when they send or receive data, substantially improving battery life.

### Easy setup and control.

The Linksys app makes it simple to set up and lets you access your network from anywhere. View or prioritize which connected devices are using the most WiFi.

Retail packaging.



At a glance.

- Enjoy 3.5X faster speeds than WiFi 5, with WiFi 6 technology delivering true gigabit speeds throughout your home, up to 5.4 Gbps with 6-stream connectivity.\*
- WiFi 6 (802.11ax) delivers even more range than WiFi 5.
- Modular system can be scaled with your growing WiFi needs.
- Intuitive easy App-led setup.
- Works with all modems and ISPs, and is 100% backward-compatible with WiFi 5 and older devices
- 3-Year Limited Product Warranty.

**Linksys Atlas Pro 6** with Velop Intelligent Mesh is a dual-band WiFi 6 system that simultaneously delivers next-level streaming, gaming and uninterrupted video calls to more than 30 devices per node.

Access to 160 MHz unleashes the true power of WiFi 6 technology—these are the least congested channels available on the 5GHz band and offer incredibly fast connectivity.

Dynamic Frequency Selection (DFS) provides access to more channels, reducing interference from neighboring networks.

Intelligent Mesh™ technology offers whole home mesh WiFi coverage that's easily expandable by adding additional Routers or nodes.

With easy setup, advanced security and parental controls, **Linksys Atlas Pro 6** is an essential upgrade to any home.

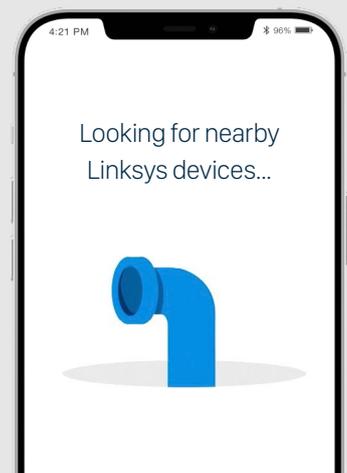
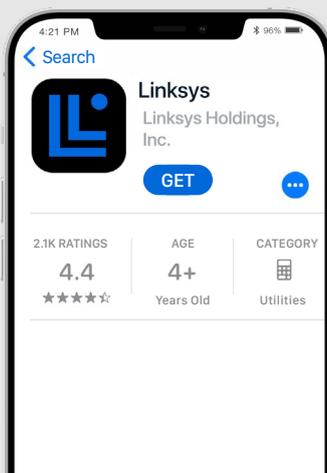
## Product details.



## Easy App-led setup.

Setting up the Atlas WiFi 6 Mesh System (MX5501/2/3) is easy. Download the Linksys app on any iOS or Android smartphone. Upon launch the app automatically identifies the device to be setup 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 one MX550X-node to your modem (-router), plug in & switch on.
3. Open the app and follow the on-screen instructions.



## Atlas Pro 6 Dual-Band WiFi 6 Mesh System



As your home and family expands, the Linksys **Atlas Pro 6** Intelligent mesh system allows you to easily expand by adding additional routers or nodes to your network, giving you flawless and seamless WiFi everywhere.

We recommend pairing Linksys **Atlas Pro 6** Intelligent mesh dual-band nodes with Linksys **Hydra Pro 6**.



Each Atlas Pro 6 node or Hydra 6 router adds 2 to 3 rooms of coverage\*\* or 1 floor\*\* at speeds of up to 5.4 Gbps\*.

One Atlas Pro 6 node or Hydra Pro 6 router covers homes with up to 2 to 3 bedrooms\*\*.



Two Atlas Pro 6 nodes or Hydra Pro 6 routers cover homes with up to 3-4 bedrooms\*\*.



Three Atlas Pro 6 nodes or Hydra Pro 6 routers cover homes with up to 4-5+ bedrooms\*\*.





# Easily control your home WiFi.

## 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.

## 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.

### Parental control.

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

### Guest access.

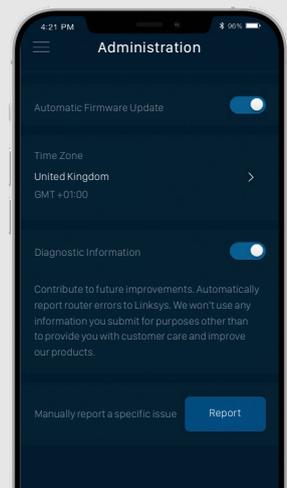
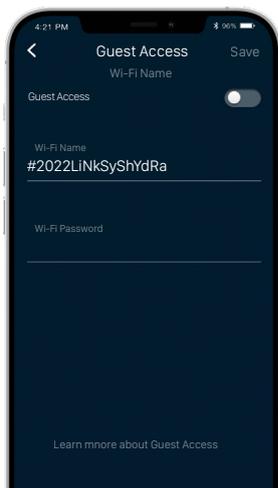
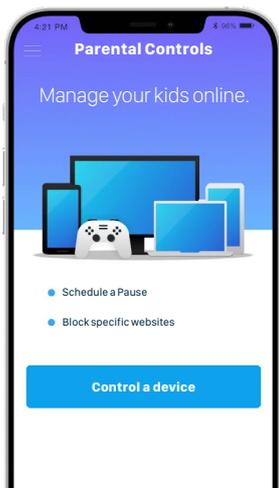
Easily share a guest network with visitors. Your main WiFi stays separated by a firewall.

### 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.



# Specifications.

## Dimensions.

### Package Includes

- Linksys Atlas Pro 6 Dual-Band node (MX5500) + power adapter, 2-pack (x2), 3-pack (x3).
- Ethernet Cable, Power Adapter.
- Quick Start Guide, Regulatory and Warranty Documentation.

### WiFi Specifications

WiFi AX5400\* with 6-stream WiFi.  
Radio 1 – 2.4 GHz Band  
802.11ax - 574 Mbps\*  
Radio 2 – 5 GHz Band  
802.11ax - 4,804 Mbps\*  
Simultaneous Dual-Band  
IEEE 802.11 b/g/n – 2.4 Ghz,  
IEEE 802.11 b/n/ac/ax – 5 Ghz  
OFDMA Technology  
Seamless roaming technology.

### MU-MIMO Technology

2x4 MU-MIMO, and 1024-QAM.  
Downlink and uplink MU-MIMO supported.  
VPN Pass Through – ISpec, PPTP, L2TP  
Advanced Beamforming+ technology.  
VPN Pass Through – ISpec, PPTP, L2TP.

### 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

Advanced Qualcomm™ 1.0 GHz Dual-Core.  
256 MB Flash, 512 MB SDRAM.

### Bluetooth®

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

### Security

WPA3/WPA2-Personal Encryption,  
SPI Firewall, Automatic Security Updates  
Security key up to 128-bit Encryption,  
Parental Controls, Separate Guest Network

### Wired Connectivity

4 Gigabit Ethernet ports (1x WAN, 3x LAN).  
802.3ab, 802.3u

### 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 ..... 2,400-2,483 MHz

### Antennas

**WiFi:** 2x Dual-Band antennas 2.4 GHz /  
5 GHz, 2x Single-Band antennas 5 GHz.  
**Bluetooth:** 1x 2.4 GHz antenna.

### Antenna Gain

#### WiFi

2,412-2,472 MHz ..... 1.67 dBi  
5,180-5,240 MHz ..... 4.04 dBi  
5,260-5,320 MHz ..... 4.69 dBi  
5,500-5,700 MHz ..... 3.94 dBi  
**Bluetooth** ..... 5.3 dBi

#### Output Power (EIRP) WiFi

2,412-2,472 MHz ..... 19.98 dBm  
Beamforming ..... 19.90 dBm  
5180-5240 MHz ..... 22.30 dBm  
Beamforming ..... 22.55 dBm  
5260-5320 MHz ..... 22.41 dBm  
Beamforming ..... 22.85 dBm  
5500-5700 MHz ..... 29.58 dBm  
Beamforming ..... 29.96 dBm

#### Power adapter

Input ..... 100-240 V - 50-60 Hz  
Output ..... 12 V, 2 A

#### Temperature

– Operating ..... 0 to 40° C  
– Storage ..... -20 to 60° C

#### Humidity (non-condensing)

– Operating ..... 10 to 80% RH  
– Storage ..... 5 to 90% RH

### Product:

Weight ..... 0.73 kg  
Depth ..... 86 mm  
Width ..... 86 mm  
Height ..... 285 mm

### Packaged Unit

Weight:  
1-Pack ..... 1.33 kg  
2-Pack ..... 1.45 kg  
3-Pack ..... 3.19 kg  
Width:  
1-Pack ..... 24.0 cm  
2-Pack ..... 34.5 cm  
3-Pack ..... 44.5 cm  
Height all ..... 21.0 cm  
Depth all ..... 10.0 cm

### Case Packs

Weight (\*PL):  
1-Pack ..... 3.14 kg  
2-Pack ..... 5.30 kg  
3-Pack ..... 7.16 kg  
Width:  
1-Pack ..... 27.5 cm  
2-Pack ..... 36.0 cm  
3-Pack ..... 46.7 cm  
Height all (\*PL) ..... 22.5 cm  
Depth all (\*PL) ..... 22.0 cm  
Quantity all (\*PL) ..... 2 per pack

Manufacturer ..... Linksys USA, Inc  
Brand ..... Linksys  
Model Number ..... MX5501/ MX5502/ MX5503  
Description ..... Atlas Pro 6 Dual-Band WiFi 6  
Mesh Router, 1-, 2-, 3-pack

Linksys UK Limited  
Amsterdam Branch, Herikerbergweg  
106, 1101 CM, Amsterdam Z.O.  
The Netherlands

Linksys UK Ltd.  
Regent Park, Booth Drive,  
Park Farm South, Wellingborough,  
Northants, NN8 6GR, United Kingdom

Part Number	Tarif code	UPC	EAN	Plug type
MX5501-ME		745883817405	4260184670994	
MX5502-ME	8517620000	745883817481	4260184671052	British (BS1363)
MX5503-ME		745883817566	4260184671113	
MX5501-KE		745883827541	4260184672660	
MX5502-KE	8517620000	745883827558	4260184672677	Euro (CEE 7/16)
MX5503-KE		745883827565	4260184672684	

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\* 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](http://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.

User Documentation is also available at: [www.linksys.com/support](http://www.linksys.com/support)

