

Linksys™

Intelligent Mesh™

Streams like
a dream.

Hydra Pro 6

Dual-Band WiFi 6
Mesh Router

MR5500

30+ devices
Capacity



AX5400
up to 5.4 Gbps



Covers homes with up to
2-3 bedrooms



The true power of WiFi 6.

Hydra
Pro 6

Model#
MR5500



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

Make the most of WiFi 6 speed.

Access to 160 MHz channels enables the true power of WiFi 6 technology, delivering the fastest connection with everything you do.

More devices than ever before.

WiFi 6 sends and receives multiple streams of data simultaneously, providing up to 4x[†] more wifi capacity to handle more gaming, and smart home devices.

Future-ready hardware with Intelligent Mesh™ technology.

Guaranteed updates keep your connection going strong.

4.2X[‡] faster performance than an ac router.

Six-stream WiFi with up to 574 + 4804 Mbps for ultra-fast wireless speeds.

Efficient use of routing.

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

Reduces power consumption.

WiFi 6 (802.11AX) allows devices to negotiate when and how often they will wake up to send or receive data, substantially improving battery life for mobile and iot devices..

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 Hydra Pro 6 with 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.

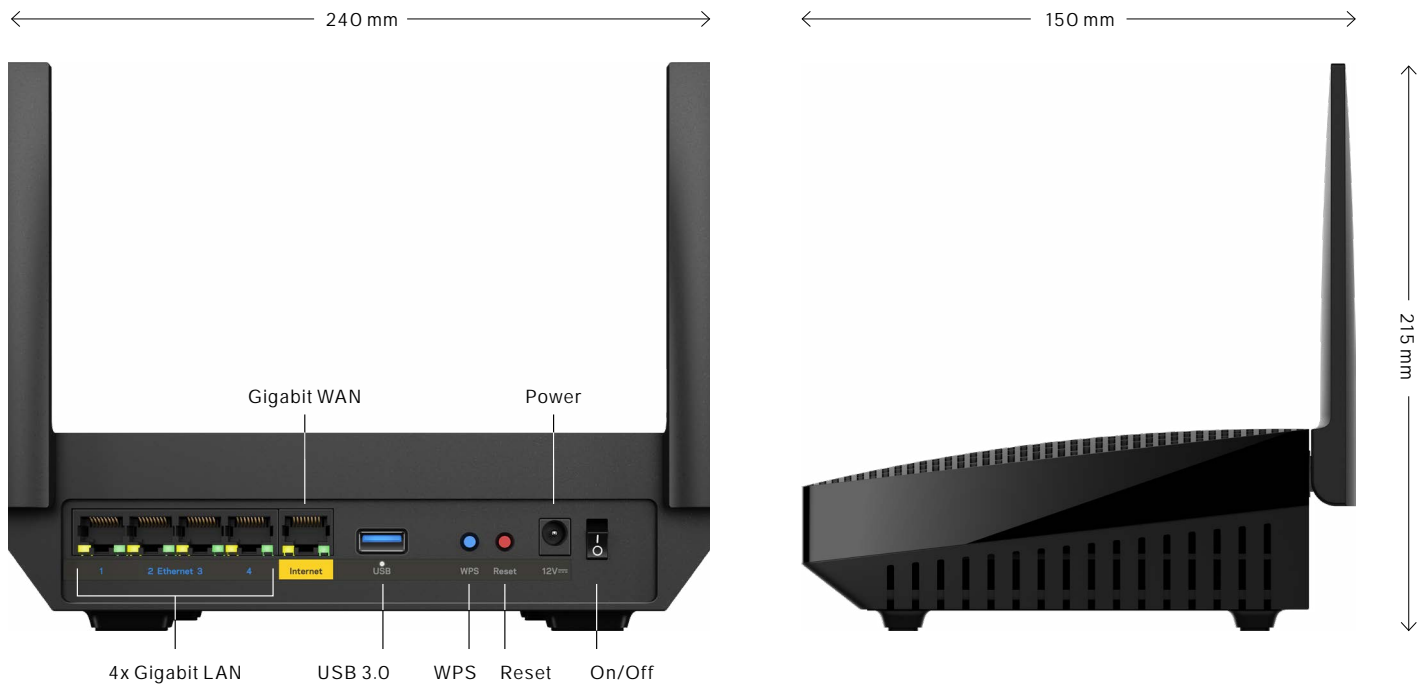
Access to 160 MHz unleashes the true power of WiFi 6 technology—these are the least congested channels available on the 5GHz band and offer incredibly fast connectivity.

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, the Hydra Pro 6 is an essential upgrade to any home..

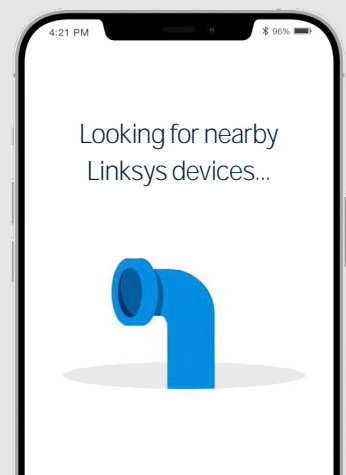
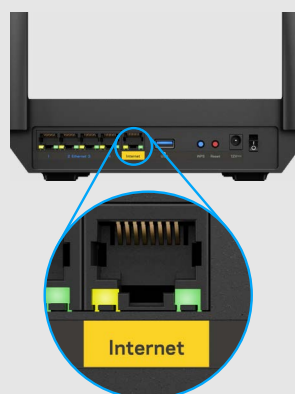
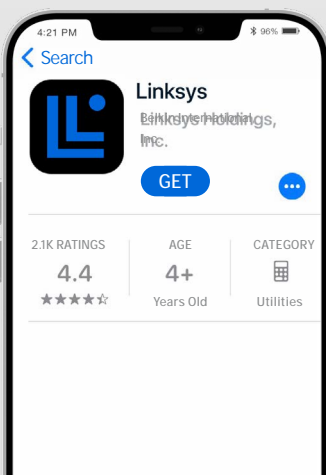
Product details.



Easy App-led setup.

Setting up the Hydra Pro WiFi 6 Mesh System (MR5500) 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 the MR5500 to your modem (-router), plug in & switch on.
3. Open the app and follow the on-screen instructions.





Intelligent Mesh™

Model# MR5500

Hydra Pro 6 Dual-Band WiFi 6 Mesh Router



As your home and family expands, the **Hydra Pro 6** Linksys 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 **HydraPro6** with Linksys **AtlasPro6** Intelligent mesh dual-band nodes.



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

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



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



Three Hydra Pro 6 routers or Atlas Pro 6 nodes 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.

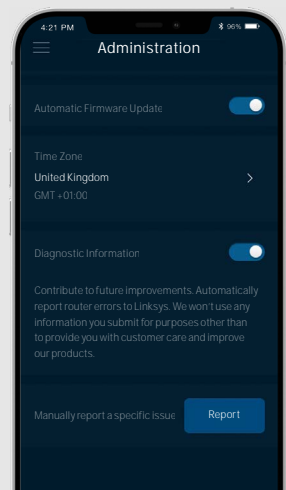
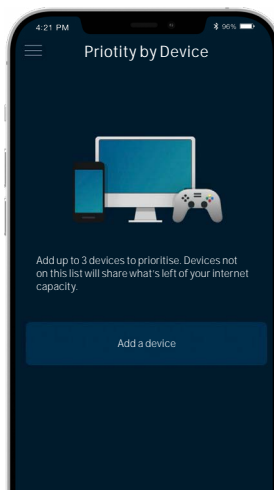
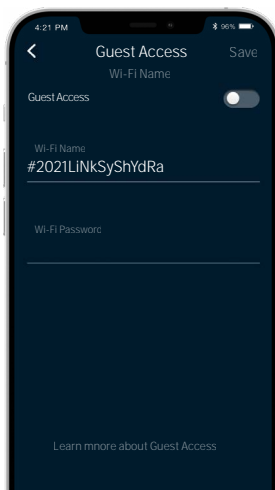
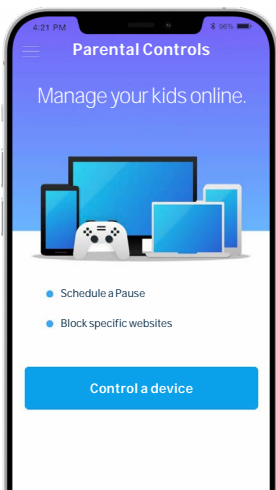
Easily share a guest network with visitors. Your main WiFi stays separated by a firewall.

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 Hydra Pro 6
- 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

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

5 Gigabit Ethernet ports
(1x WAN, 4x LAN).
802.3ab, 802.3u
1 USB 3.0 port.

Radio Operating Frequencies

2.4 GHz2,412-2,472 MHz
5 GHz5,180-5,240 MHz,
5,260-5,320 MHz,
5,500-5,700 MHz
Bluetooth2,400-2,483 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 MHz2.52 dBi
5,180-5,240 MHz2.92 dBi
5,260-5,320 MHz2.92 dBi
5,500-5,700 MHz2.92 dBi
Bluetooth5.3 dBi

Output Power (EIRP) WiFi

2,412-2,472 MHz19.98 dBm
Beamforming19.99 dBm
5,180-5,240 MHz22.01 dBm
Beamforming22.61 dBm
5,260-5,320 MHz21.98 dBm
Beamforming22.83 dBm
5,500-5,700 MHz29.14 dBm
Beamforming29.90 dBm

Power adapter

Input100-240 V ~ 50-60 Hz
Output12 V, 2 A

Temperature

– Operating0 to 50° C
– Storage-20 to 70° C

Humidity (non-condensing)

– Operating0 to 90% RH
– Storage0 to 90% RH

Product:

Weight0.71 kg
Width24.00 cm
Height21.50 cm
Depth15.00 cm

Packaged Unit

Weight1,15 kg
Width22,5 cm
Height24 cm
Depth8,7 cm

Case Pack

Quantity (*PL)4 per pack
Weight (*PL)5,28 kg
Width (*PL)38 cm
Height (*PL)27 cm
Depth (*PL)24 cm

ManufacturerLinksys Holdings, Inc
BrandLinksys
Model NumberMR5500
DescriptionHydra Pro 6 Dual-Band WiFi 6 Mesh Router

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1101 CM, Amsterdam Z.O.
The Netherlands

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Park Farm South, Wellingborough,
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Part Number	Tarif code	UPC	EAN	Plug type
MR5500-ME	8517620000	745883820139	4260184672028	British (BS1363)
MR5500-KE	8517620000	745883827466	4260184672653	Euro (CEE 7/16) + British (BS1363)

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* Specifications are subject to change without notice. Maximum performance derived from IEEE Standard 802.11 specifications.

** Actual performance may vary, including lower wireless network capacity, data throughput rate, range, and coverage. Range specifications are based on performance test results under normal use case conditions. Actual data throughput and range depend upon many factors, conditions and variables, including building materials and construction, volume of network traffic, mix of wireless products used, interference, wireless obstructions and other adverse conditions. Actual data throughput will be lower than specified and may depend on mix of wireless products used, your wireless device's WiFi standard, and external factors. Wireless coverage claims are used only as reference and are not guaranteed, as each wireless network is unique.
† As compared from 802.11ac to 802.11ax.
‡ As compared to a 2x2 WiFi 5 router at 80 MHz.

User Documentation is also available at: www.linksys.com/support

