Linksys™

Intelligent Mesh™

Unleash the power of WiFi 6E.

Hydra Pro 6E

Tri-Band WiFi 6E
Mesh Router

MR7500

55+ devices
Capacity

AXE6600
up to 6.6 Gbps

Covers homes with up to
3-4 bedrooms

Linksys™

L⁚ Intelligent Mesh™

Higher highs.
Lower slows.

Hydra
Pro 6E

Model#
MR7500

Industry-leading technology.
An advanced Qualcomm™ chipset delivers the ultimate WiFi 6E experience. This next-generation technology transforms home and business WiFi with its wire-like stability and blazing-fast performance.

Qualcomm
networking pro 810 platform

A new band for your latest devices.
The 6 GHz WiFi band unleashes multi-gigabit speed and supports more than 55 of your latest 8K streaming, VR gaming, and work-from-home devices at one time.

Ultra-fast multi-gigabit speed.
With a 5 Gbps WAN (internet) port, you get top speeds across your smart home for video calls, 8K streaming, gaming, livestreaming, VR, AR, and more.*

Highest device capacity ever.
With 4x** the channels of current WiFi router systems, the 6 GHz band can handle all the traffic from the busiest smart homes using heavy-bandwidth devices all day, every day.

Powerful WiFi 6E mesh coverage.
Velop Intelligent Mesh technology™ combined with WiFi 6E is designed to deliver gigabit WiFi speeds to every corner of your home or business.

The future looks bright.
Future-ready hardware with Intelligent Mesh™ technology and guaranteed updates keep your connection going strong.

Tri-band dynamic backhaul.
Every WiFi 6E tri-band router or node can broadcast on three wireless radio bands simultaneously with a combined WiFi speed of 6.6 Gbps.

Easy setup & control.
The Linksys App makes setup simple. Control and monitor your WiFi from anywhere you have a connection.

Retail packaging.

At a glance.

- Intelligent Mesh™ & WiFi 6E with access to the new 6 GHz band unleash maximum speeds and reduce interference.

- 5 Gb WAN port makes the most of ISP's multi-gigabit speeds.

- With 4x`*` the channels of current WiFi, the 6 GHz band has the highest device capacity ever.

- Automatic firmware updates and a separate guest access assure your network is up to date and secure.

- Easy setup and control through the free Linksys app.

- Works with your existing modem and internet provider.

- 3-Year Limited Product Warranty.

Linksys Hydra Pro 6E with WiFi 6E unleashes maximum WiFi speeds and supports more than 55 devices at a time. The new 6 GHz WiFi band offers multi-gigabit, low-latency speed for your latest 8K streaming, VR gaming, and work from home devices.
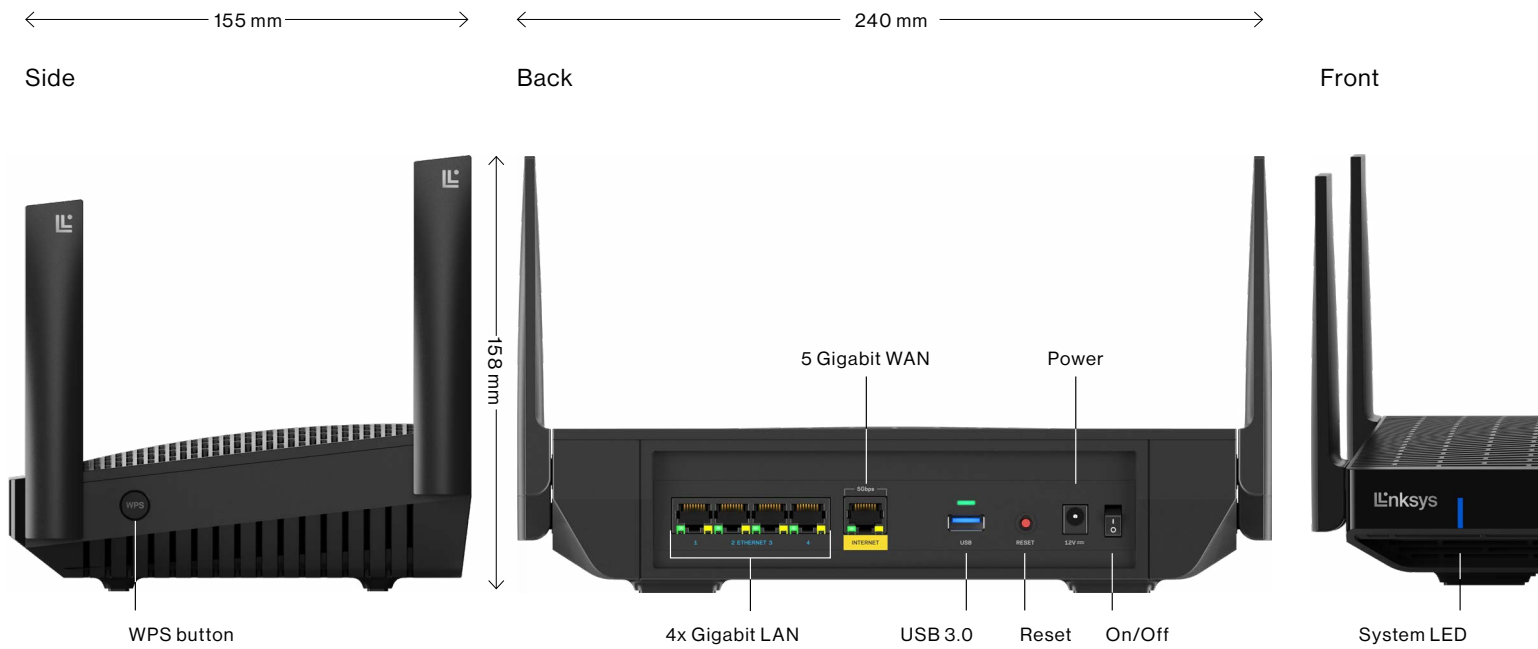
Velop Intelligent Mesh technology combined with WiFi 6E is designed to deliver gigabit WiFi speeds to every corner of your home or business.

The Linksys app makes setup simple. Once set up, you can access your network from anywhere, and view or prioritise which connected devices are using the most WiFi.

Works with all Internet Service Providers and is 100% backward compatible with WiFi 5 and older devices.

With extremely low latency, massive capacity, easy setup, advanced security and parental controls, the Linksys Hydra Pro 6E is an essential upgrade to any home that needs the most reliable, interference-free high-speed WiFi.
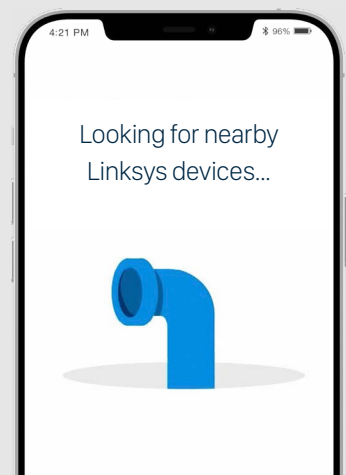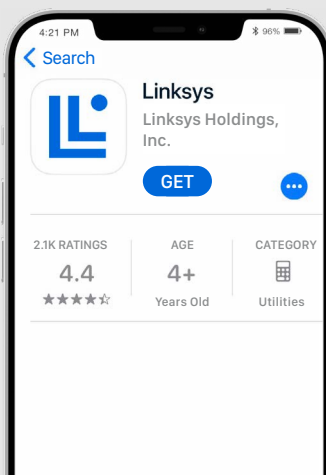
Product details.

Side

Back

Front

155 mm

240 mm

158 mm

5 Gigabit WAN

Power

WPS button

4x Gigabit LAN

USB 3.0

Reset

On/Off

System LED

Easy App-led setup.

Setting up the Hydra Pro WiFi 6E Mesh router (MR7500) 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 MR7500 to your modem (-router), plug in & switch on.

3.
Open the app and follow the on-screen instructions.

Search

Linksys
Linksys Holdings, Inc.

GET

2.1K RATINGS	AGE	CATEGORY
4.4 ★★★★☆	4+ Years Old	⊞ Utilities

5Gbps

INTERNET

Looking for nearby Linksys devices...

Intelligent Mesh™

Model# MR7500

Hydra Pro 6E
Tri-Band WiFi 6E Mesh Router

As your home and family expands, the **Hydra Pro 6E** Linksys Intelligent mesh router 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 **Hydra Pro 6E** with Linksys **Atlas Max 6E** Intelligent mesh tri-band nodes.

Each Hydra Pro 6E router adds 3-4 rooms of coverage** or 1 floor** at speeds of up to 6.6 Gbps*.

One Hydra Pro 6E router covers homes with up to 3-4 bedrooms**.

Two Hydra Pro 6E routers cover homes with up to 5-6 bedrooms**.

Three Hydra Pro 6E routers cover homes with up to 7-8+ bedrooms**.

Life Tested by Linksys

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.
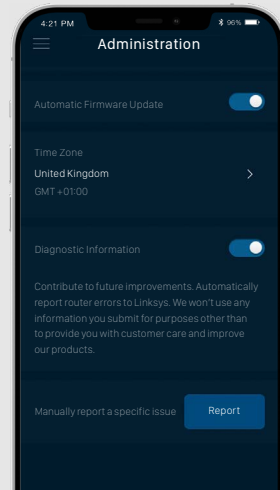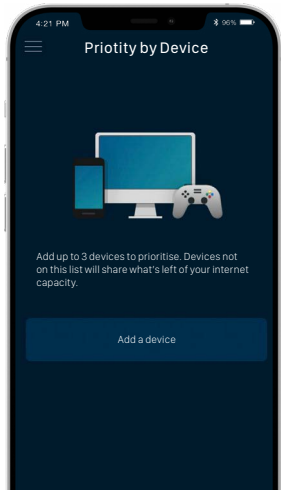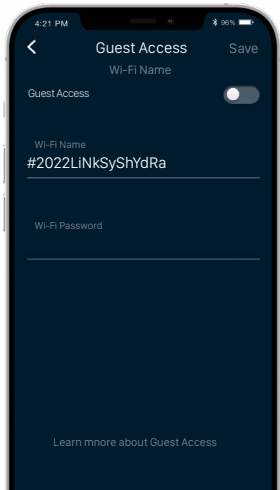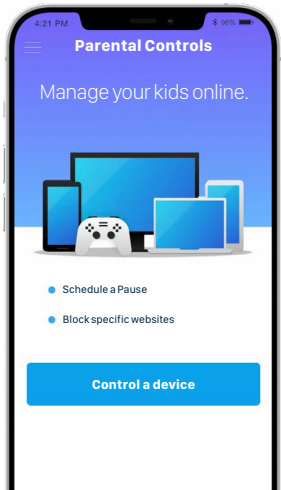
Specifications.

Dimensions.

Package Includes
- Linksys Hydra Pro 6E tri-band WiFi 6E mesh router
- Ethernet cable, power adapter
- Quick start guide, regulatory and warranty documentation.

LED
1 multi-coloured light for power and system status.

Buttons
Side: WPS; back: power switch, reset.

WiFi Specifications
WiFi AXE6600* with 8-stream WiFi,
Radio 1 – 2.4 GHz Band
802.11ax - 600 Mbps*
Radio 2 – 5 GHz Band
802.11ax - 1,200 Mbps*
Radio 3 – 6 GHz Band
802.11axe - 4,800 Mbps*

Simultaneous Tri-Band
IEEE 802.11 b/g/n – 2.4 Ghz,
IEEE 802.11 a/b/n/ac/ax – 5 Ghz
IEEE 802.11ax-2021 – 6 Ghz

OFDMA Technology.
Seamless roaming technology.

Required for set-up
1. Internet connection with a modem or modem-router.
2. Mobile devices with Android 6 or iOS 14.1 and higher, with data connection.

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

Processor and Memory
Qualcomm™ Networking Pro 810 Platform, 1.8 GHz Quad-Core. 512 MB Flash, 512 MB SDRAM.

Security
WPA2-Personal, WPA3-Personal, WPA3/WPA2-Personal Mixed. SPI Firewall and DoS Protection, automatic security updates. Security key up to 128-bit Encryption. Parental controls, separate guest network.

Wired Connectivity
1 WAN port 5 GbE, 4 LAN ports 1 GbE. 802.3ab, 802.3u. 1 USB 3.0 port.

Radio Operating Frequencies
2.4 GHz	2,400-2,483.5 MHz
5 GHz	5,150-5,250 MHz
	5,250-5,350 MHz
	5,470-5,725 MHz
6 GHz	5,925-6,425 MHz
Bluetooth	2,400-2,483.5 MHz

Antennas
WiFi:
external adjustable, non-detachable, 2 dual-band 2.4/5GHz antennas, 2 dual-band 6-7GHz.
Bluetooth: 1 internal PIFA:

Antenna Gain

WiFi
2,400-2,483.5 MHz	1.65 dBi
5,150-5,250 MHz	2.12 dBi
5,250-5,350 MHz	2.12 dBi
5,470-5,725 MHz	2.35 dBi
5,925-6,425 MHz	2.75 dBi
Bluetooth	4 dBi

Output Power (EIRP)

WiFi Beamforming
2,400-2,483.5 MHz	19.94 dBm
5,150-5,250 MHz	22.97 dBm
5,250-5,350 MHz	22.97 dBm
5,470-5,725 MHz	29.99 dBm
5,925-6,425 MHz	22.84 dBm

Power adapter
Input ....100-240 V, 50-60 Hz
Output ....12 V, 3 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	0.66 kg
Width	21.5 cm
Height	15.8 cm
Depth	15.5 cm

Packaged Unit
Weight	1.7 kg
Width	32.2 cm
Height	24 cm
Depth	11.4 cm

Case Pack
Quantity (*PL)	4 per pack
Weight (*PL)	8.14 kg
Width (*PL)	48.6 cm
Height (*PL)	34.5 cm
Depth (*PL)	27.4 cm

Part Number	Tarif code	UPC	EAN	Plug type
MR7500-UK	8517620000	745883829743	4260184673148	Euro (CEE 7/16) + British (BS1363)
MR7500-ME	8517620000	745883829736	4260184673131	
MR7500-EU	8517620000	745883829729	4260184673124	

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

This device is restricted to indoor use only when operating in 5150 - 5350 MHz

AT BE BG CY CZ DE DK EE EL ES FI
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PT RO SK SI SE UK (NI)