

**deco**<sup>™</sup> | Whole Home Powerline Mesh Wi-Fi System  
Seamless Roaming<sup>†</sup> | Parental Controls | Powerline Backhaul

# AC1200 + AV1000 Whole Home Powerline Mesh Wi-Fi System



Deco P9



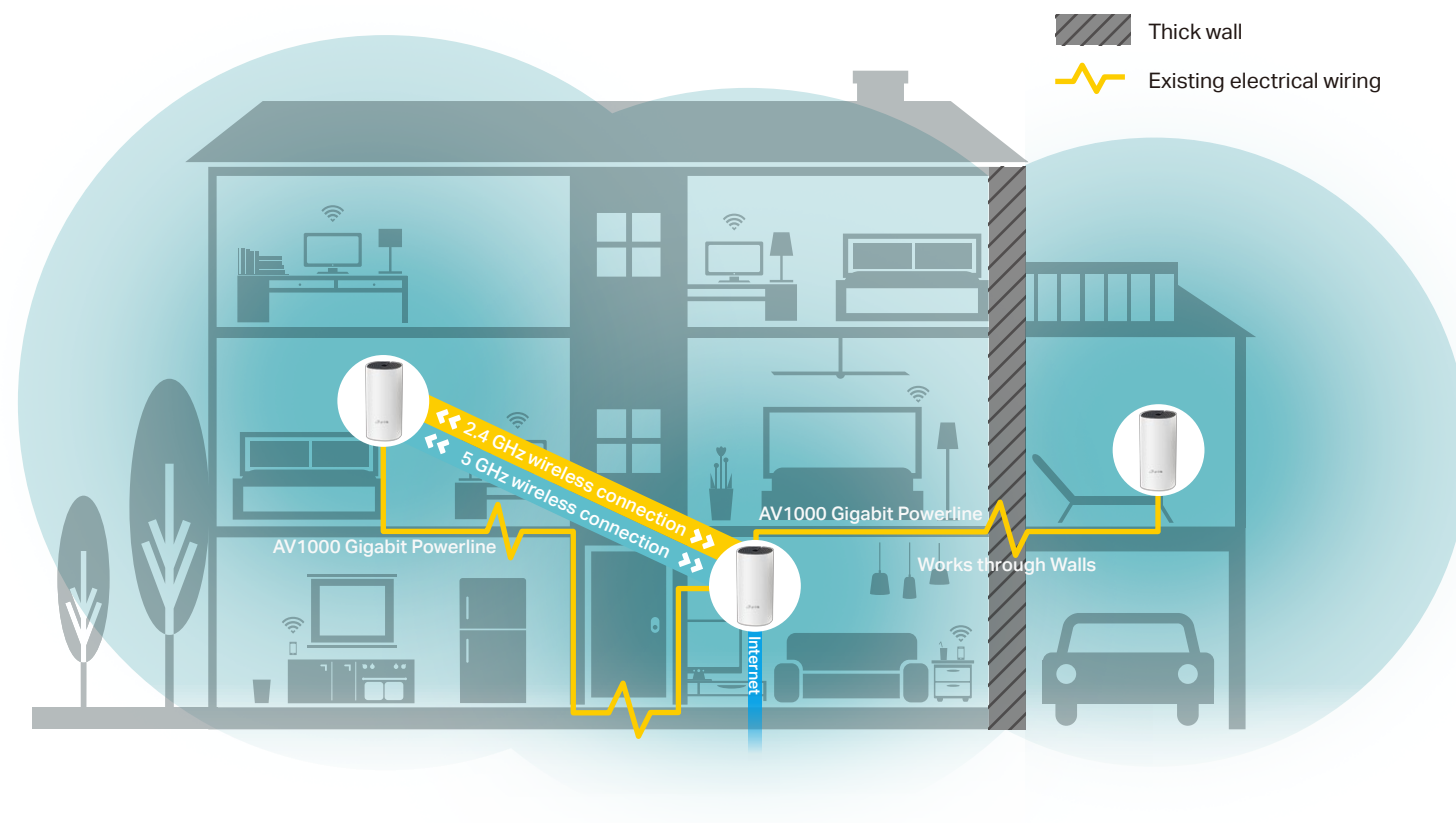
# Highlights

## Wi-Fi + Powerline Hybrid Bandwidth

Deco P9 combines dual-band Wi-Fi and powerline to transmit data between Deco units, delivering a whole home Wi-Fi coverage up to 6,000 ft<sup>2</sup> / 560 m<sup>2</sup>†.

## Works Through Walls

Powerline technology uses your home's electrical wiring to create stronger connections between Deco units, reducing the impact of walls and other obstacles on signal.



## Wi-Fi Dead-Zone Killer



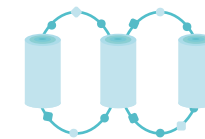
Eliminate weak signal areas with whole home Wi-Fi. No more searching around for a stable connection.

## Seamless Roaming with One Wi-Fi Name



Deco units work together to form a unified Wi-Fi network with a single network name. Walk through your home and stay connected with the fastest possible speeds, made possible by Deco's seamless coverage and Plug & Play Mesh Technology†.

## Stays Fast, Always



Adaptive path selection and band steering keep your network running at top-speed by automatically choosing the fastest connection path.

## Parental Controls



Limit online time and block inappropriate content according to unique profiles created for each family member.

## Simple Setup and Control



The easy-to-use Deco app lets you set up quickly, see the connected devices, prioritize devices, check internet history, create a guest network and more.

# Features



## Assisted Setup

Easily set up Decos and find the ideal spot to place each unit

- Auto Connection Test – Test the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manage your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keep informed of the latest firmware updates
- WPS connection – Easily connect a client to the network by turning on WPS for a nearby Deco and then for the client



## Quality of Service

Prioritize devices for faster performance when needed

Give high priority to the devices that need the fastest internet connection



## Robust Parental Controls

Manage content and control when each device can access the internet

- Profiles – Create a profile for each family member, and manage them individually
- Content Filter – Four levels are available for filtering content, each catering to a specific age group
- Time Controls – Set daily time limits for the total time spent online and block a person's internet access between certain times
- Pause the Internet – Pause a family member's internet and resume it whenever you like



## Blacklist

Block access to your network from specific devices

Add your clients or specific devices to blacklist to protect your network from unauthorized users



## Two Modes in One

Choose the router or access point mode for your network needs

- Router Mode – Create an instant private wireless network
- Access Point Mode – Create Wi-Fi access for any existing wired network



## Work with All Deco Models

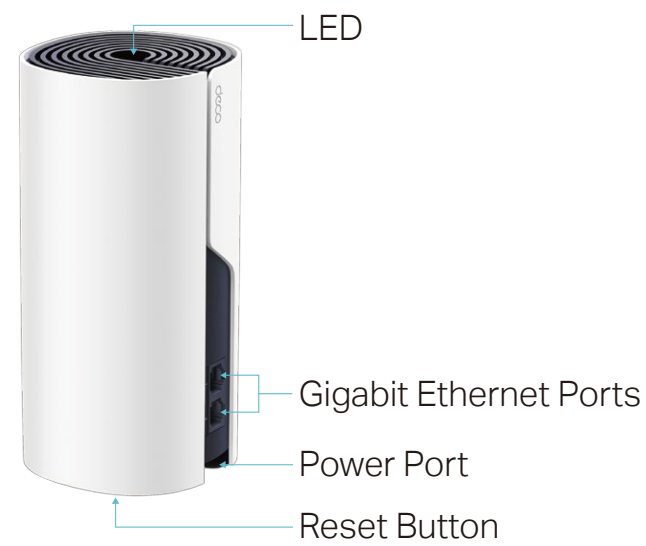
Form a Mesh network with your desired Deco models

All Deco models can work together. Just expand Mesh Wi-Fi coverage anytime by adding more Decos

# Specifications

## Hardware

- Ports: 2 WAN/LAN Gigabit Ethernet ports, 1 Power port
- Buttons: 1 Reset button on the underside
- Antenna Type: 2 internal dual-band antennas per Deco unit
- Dimensions: 7.5 × 3.6 × 3.6 in. (190 × 90.7 × 90.7 mm)
- Power Input: 100-240V~ 50/60Hz 0.5A



## Powerline

- Powerline Rate: 1000Mbps
- Standard: HomePlug AV2
- Range: 300 meters / 1000 feet over electrical circuit

## Software

- Working Mode: Router, Access Point
- WAN Type:  
Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- DHCP: Server, Client
- Quality of Service: WMM
- Firewall Security: SPI Firewall
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4 GHz Guest Network x 1, 5 GHz Guest Network x 1
- Features: Parental Controls, QoS (Quality of Service), Monthly Report, Address Reservation, Port Forwarding, TP-Link DDNS, VLAN, IPv6, LED Control
- Management: Local Management, Remote Management

## Wireless

- Wireless Standards:  
IEEE 802.11 ac/n/a 5 GHz, IEEE 802.11 b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 867 Mbps at 5 GHz, 300 Mbps at 2.4 GHz
- Transmit Power:  
FCC: <30 dBm, CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz)
- Wireless Security: WPA-PSK/WPA2-PSK

## Others

- Certification: CE, FCC, EAC, RCM, RoHS
- Smartphone/Tablet Requirements:  
iOS 9.0 or later  
Android 4.4 or later
- Environment:  
Operating Temperature: 0°C~40°C (32°F~104°F)  
Storage Temperature: -40°C~60°C (-40°F~140°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing
- Package Contents for Deco P9 (3-pack):  
3 Deco P9 units (routers with powerline)  
1 RJ45 Ethernet cable  
3 Power cords  
1 Quick installation guide
- Package Contents for Deco P9 (2-pack):  
2 Deco P9 units (routers with powerline)  
1 RJ45 Ethernet cable  
2 Power cords  
1 Quick installation guide

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Attention: this device may only be used indoors in all EU member states and EFTA countries.

Specifications are subject to change without notice. All the brands and product names are trademarks or registered trademarks of their respective holders.

\*Seamless roaming requires that clients need to support 802.11k/v/r and may require additional setup. Performance may vary depending on the client device.

\*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

\*Maximum Powerline signal rates are the physical rates derived from HomeplugAV/AV2 specifications. Actual Powerline data throughput and Powerline range are not guaranteed and will vary as a result of network conditions and environmental factors, including electrical interference, volume of traffic and network overhead, AFCI circuit breaker, and Powerline being located in a separate circuit.

\*Use of MU-MIMO requires clients to also support MU-MIMO.

©2020 TP-Link

[www.tp-link.com](http://www.tp-link.com)