

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

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



Deco P9



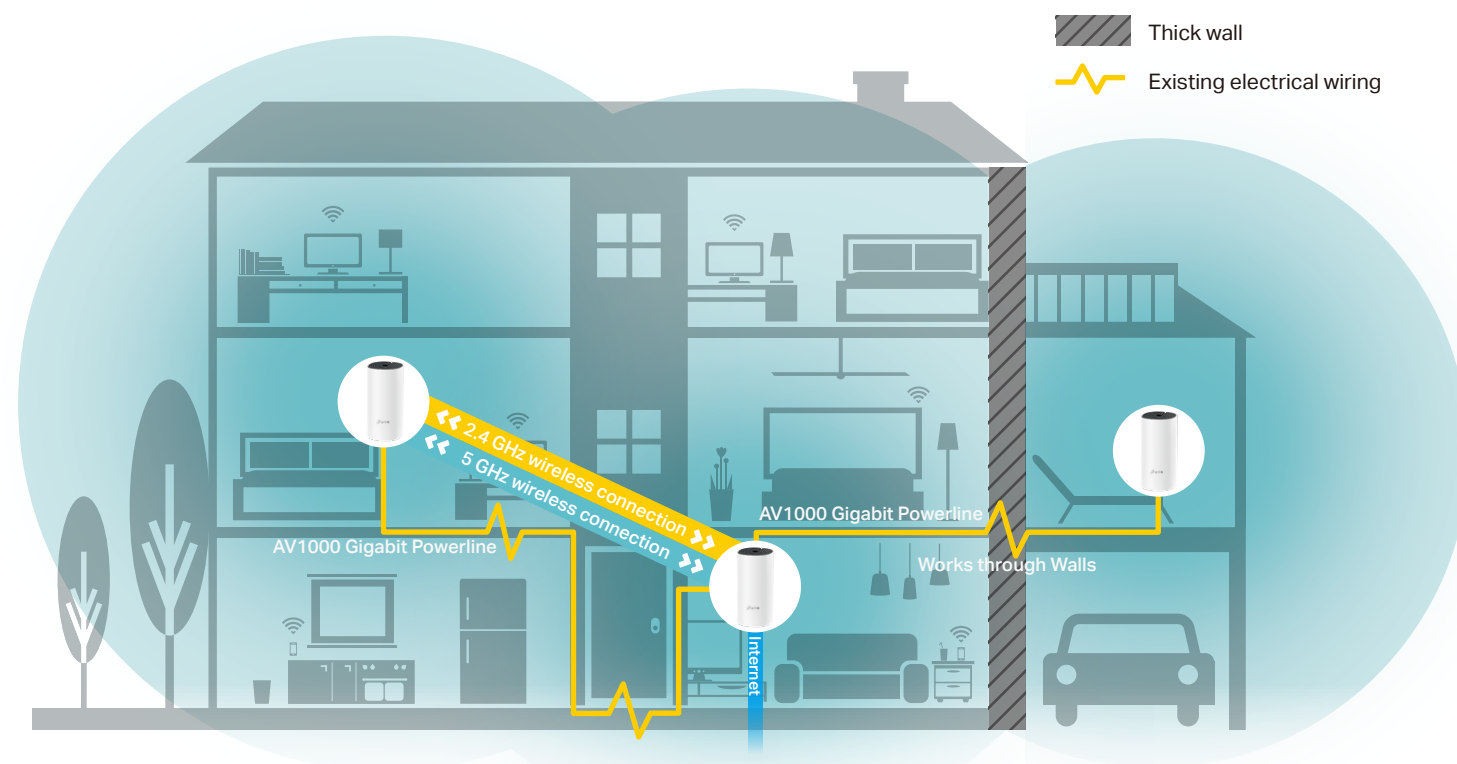
# Highlights

## 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



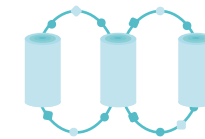
Eliminate weak signal areas with whole home Wi-Fi. No more searching around for a stable connection.

## 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



## 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

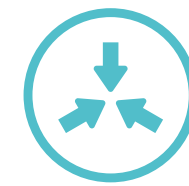
- Profiles – Create a profile for each family member, and manage them individually
- Content Filter – Four levels are available for filtering content, each catering to a specific age group
- Time Controls – Set daily time limits for the total time spent online and block a person's internet access between 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 specific devices to blacklist to protect your network from unauthorized users



## Three Modes in One

Choose the router, access point or range extender 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
- Range Extender Mode – Extend Wi-Fi range to eliminate dead zones

\*Range Extender mode is coming soon.



## Work with All Deco Models

Form a Mesh network with your desired Deco models

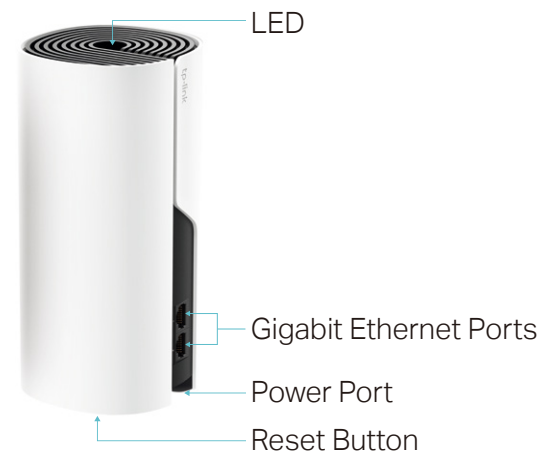
All Deco models can work together. Just expand Mesh Wi-Fi coverage anytime by adding more Decos



# 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. (190.5 × 90.7 × 90.7 mm)
- Power Input: 100-240V~ 50/60Hz 0.5A



## 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

\*Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range, coverage, and maximum quantity of connected devices are based on test results under normal usage conditions. Actual wireless data throughput, wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection quality, and client condition. Use of MU-MIMO requires clients to also support MU-MIMO.

Clients need to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

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.

## 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), Reporting, Assisted Setup, Address Reservation, Port Forwarding, TP-Link DDNS, VLAN, IPv6, LED Control
- Management: Local Management, Remote Management

## Powerline

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

## Others

- Certification: CE, FCC, IC, NCC, BSMI, IDA, RCM, JPA, JRF, VCCI, KC, RoHS
- Smartphone/Tablet Requirements:  
iOS 9.0 or later  
Android 4.3 or later
- Environment:  
Operating Temperature: 0°C~40°C (32°F~104°F)  
Storage Temperature: -40°C~70°C (-40°F~158°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
- Package Contents for Deco P9 (2-pack):  
2 Deco P9 units (routers with powerline)  
1 RJ45 Ethernet cable  
2 power cords
- Package Contents for Deco P9 (1-pack):  
Installed independently or added to the existing system to provide greater coverage  
  
1 Deco P9 unit (routers with powerline)  
1 RJ45 Ethernet cable  
1 power cord