deco™

Whole Home Powerline Mesh Wi-Fi System
Seamless Roaming | Parental Controls | Powerline Backhaul

AC1200 + AV1000 Whole Home Powerline Mesh Wi-Fi System
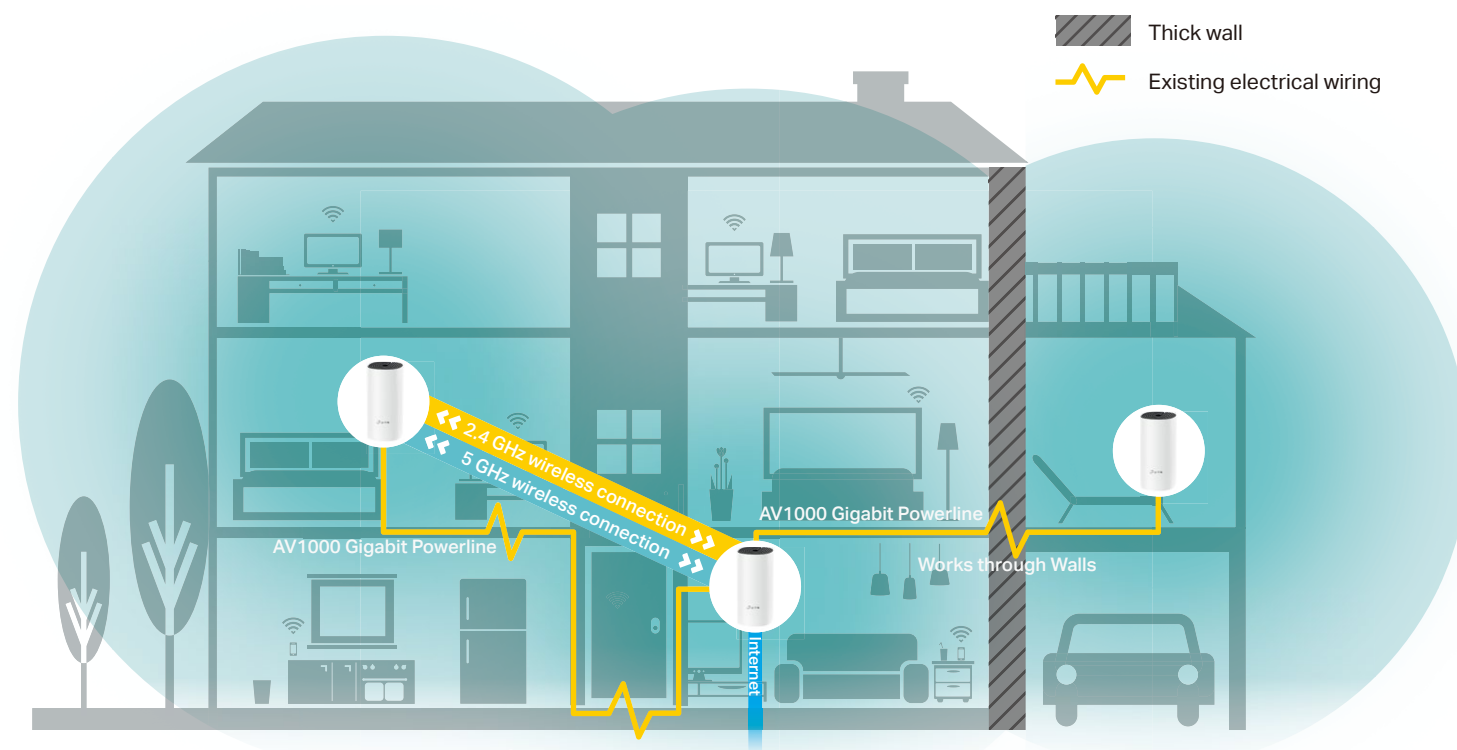
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Deco P9

tp-link

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^2 / 560 m^2.

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.
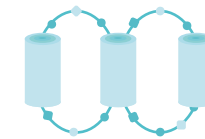
Wi-Fi Dead-Zone Killer

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.

Thick wall

Existing electrical wiring

2.4 GHz wireless connection

5 GHz wireless connection

AV1000 Gigabit Powerline

AV1000 Gigabit Powerline

Works through Walls

Internet

Features

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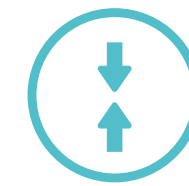**Easily set up Decos and find the ideal spot to place each unit**

- 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

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

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

Quality of Service
Prioritize devices for faster performance when needed

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

Blacklist
Block access to your network from specific devices

Add specific devices to blacklist to protect your network from unauthorized users
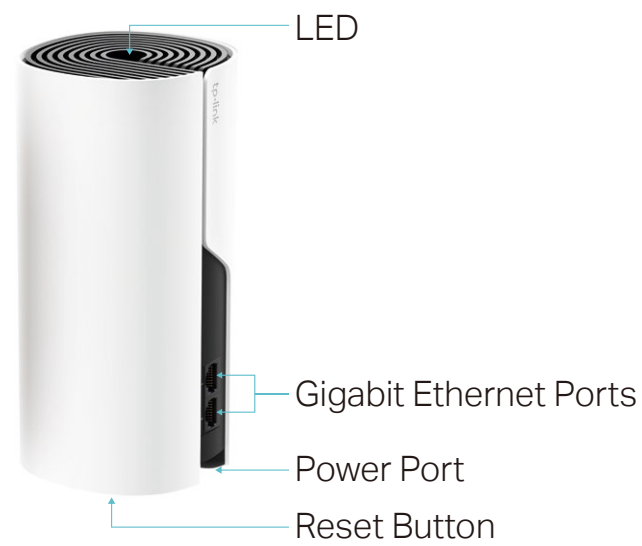
Work with All Deco Models
Form a Mesh network with your desired Deco models

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

LED

Gigabit Ethernet Ports

Power Port

Reset Button

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

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 4.4 or later

· **Environment:**
  Operating Temperature: 0℃~40℃ (32°F~104°F)
  Storage Temperature: -40℃~70℃ (-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