deco™ | Whole Home Mesh Wi-Fi System

Seamless Roaming† | Parental Controls | Adaptive Path Selection

AC1200 Whole Home Mesh Wi-Fi System



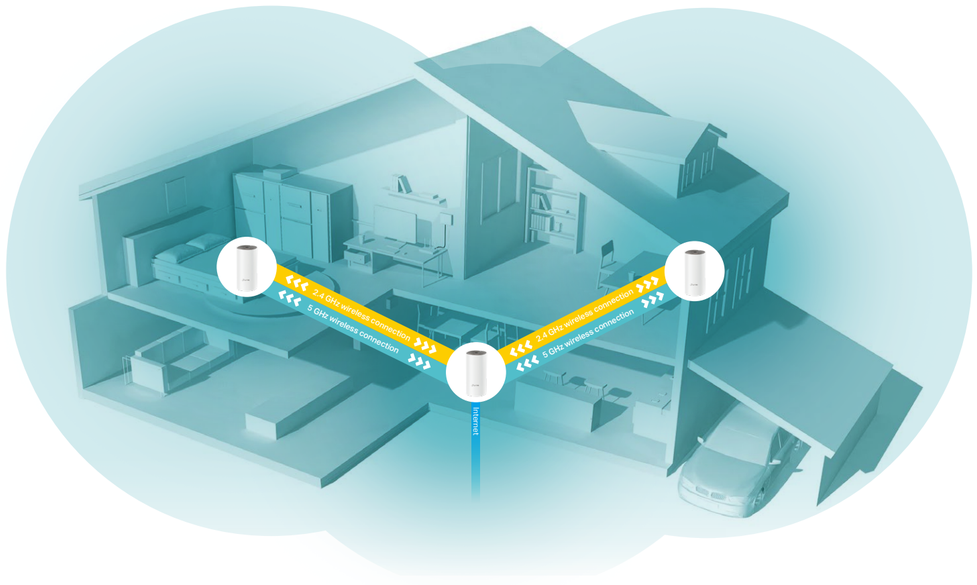
Deco E4

tp-link

Highlights

Fast Mesh Wi-Fi for Your Whole Home

Deco is the simplest way to guarantee a strong Wi-Fi signal in every corner of your home. Enjoy fast and stable connections for an army of devices in homes up to 4,000 ft² / 370 m². Setup is made easier with the Deco app there to walk you through every step.‡



Wi-Fi Dead-Zone Killer

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

No More Buffering

3x faster AC1200 dual band Wi-Fi ensures a smooth gaming and 4K streaming experience with 11ac Wave 2 MU-MIMO technology and provides lag-free connections for up to 100 devices.‡

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.†

Parental Controls

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

Keeps Itself Fast

Adaptive path selection keeps your network running at top-speed by automatically choosing the fastest connection path.

Simple Wi-Fi 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 help 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

Deny List

Block access to your network from specific devices

Add specific devices to Deny List to protect your network from unauthorized users

Work with All Deco Models

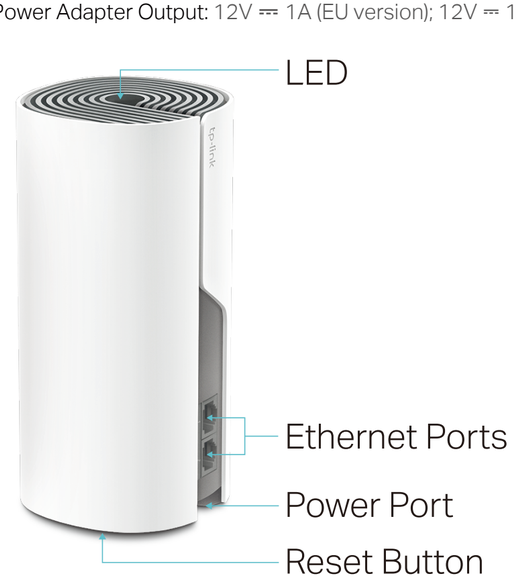
Form a Mesh network with your desired Deco models

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

Specifications

Hardware

- Ports: 2× 10/100Mbps 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 Consumption (with power adapter): E4R 9.8W max, E4S 7.7W max (EU version);
  E4R 14.9W max, E4S 8.1W max (US version)
- Power Adapter Input: 100-240V ~ 50-60Hz 0.3A (EU version);
  100-240V~50-60Hz 0.6A (US version);
- Power Adapter Output: 12V ⎓ 1A (EU version); 12V ⎓ 1.5A (US version)



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, Assisted Setup, 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: CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz)
- Wireless Security: WPA-PSK/WPA2-PSK

Others

- Certification: CE, 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~70°C (-40°F~158°F)
  Operating Humidity: 10%~90% non-condensing
  Storage Humidity: 5%~90% non-condensing
- Package Contents for Deco E4 (3-pack):
  1 Deco E4R unit + 2 Deco E4S units
  3 Power Adapters
  1 RJ45 Ethernet Cable
  Quick Installation Guide
- Package Contents for Deco E4 (2-pack):
  1 Deco E4R unit + 1 Deco E4S unit
  2 Power Adapters
  1 RJ45 Ethernet Cable
  Quick Installation Guide

Attention: this device may only be used indoors in all EU member states and EFTA countries.
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.
Specifications are subject to change without notice. All the brands and product names are trademarks or registered trademarks of their respective holders.
[†]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.
[ᵃ]Use of MU-MIMO requires clients to also support MU-MIMO.
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