

**deco**<sup>™</sup> | Whole Home Mesh Wi-Fi System  
Seamless Roaming | Parental Controls | Adaptive Path Selection

# AC1200 Whole Home Mesh Wi-Fi System



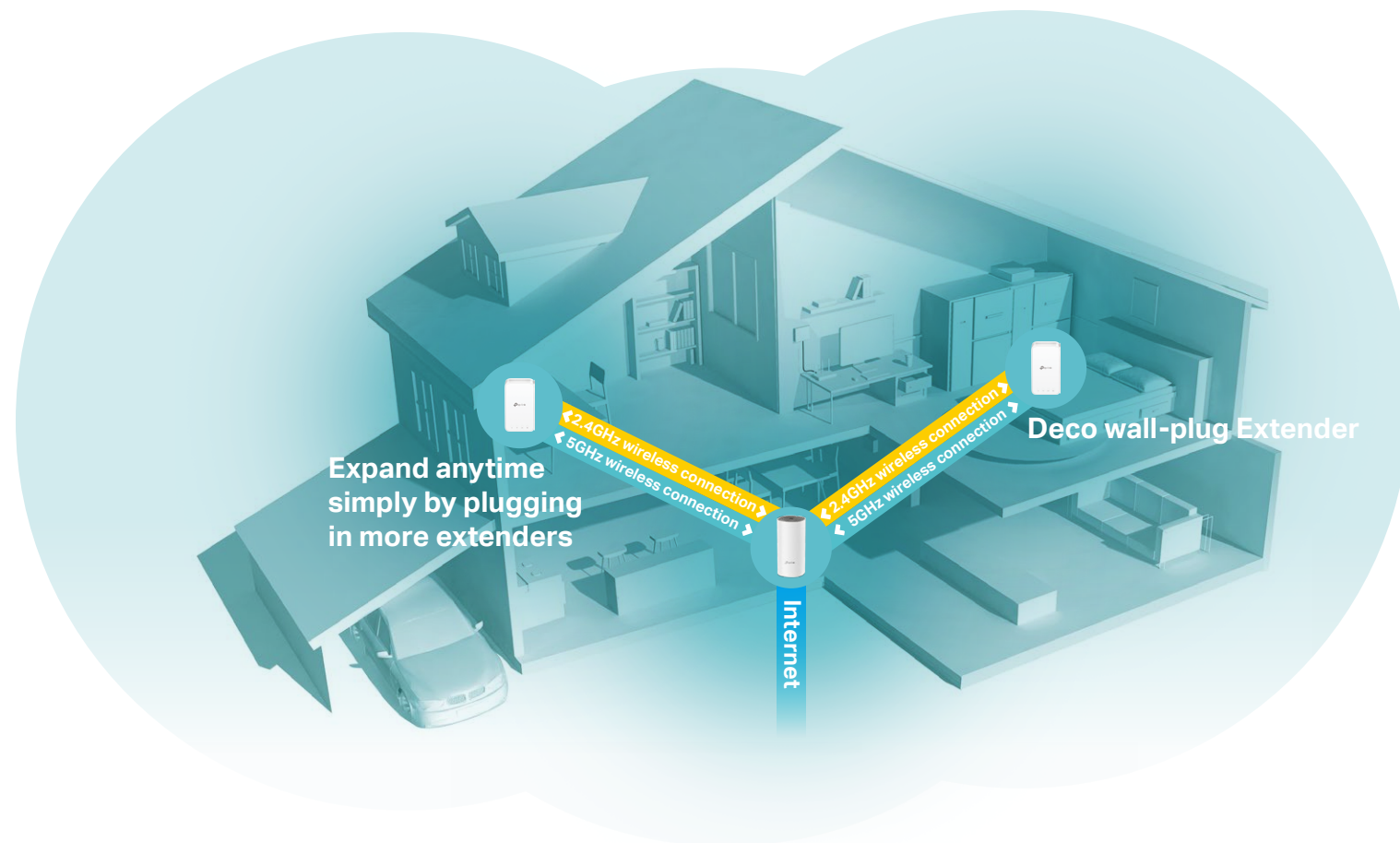
Deco E3



# 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, stable connections for an army of devices in a whole-home coverage. Setup is made easier with the Deco app walking 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.



## Convenient Plug-In Wi-Fi

Simply plug the compact extender Deco M3W into a wall outlet to easily extend your Mesh Wi-Fi coverage.

\* Deco M3W needs to work with Deco routers to extend Mesh Wi-Fi.



## Seamless Roaming with One Wi-Fi Name

Deco units work together to form one 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.

# 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



## 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



## 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

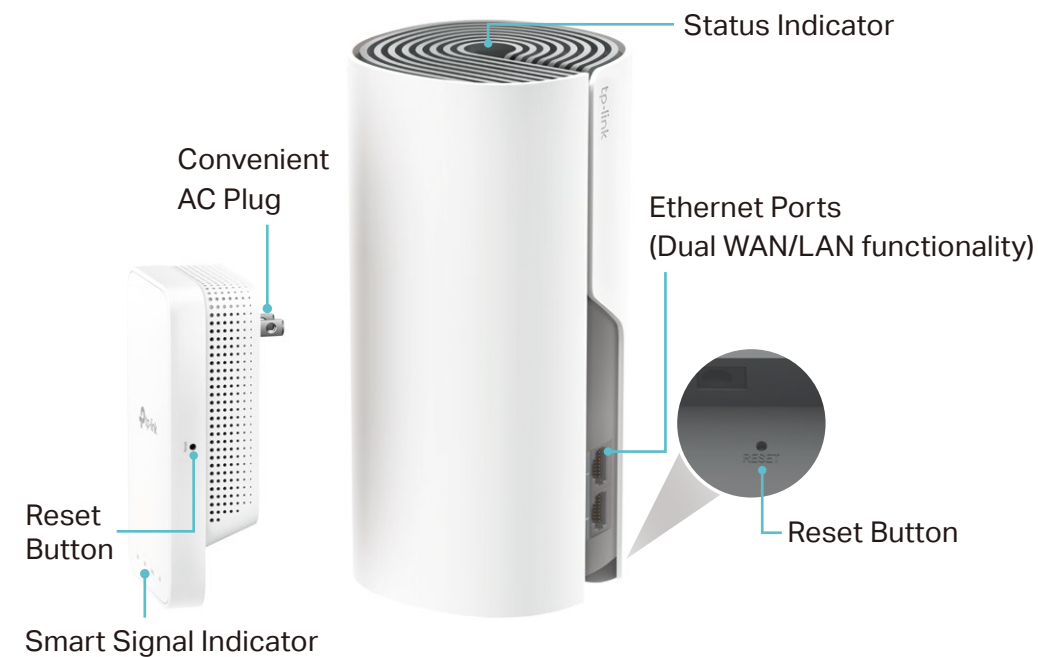
Form a Mesh network with your desired Deco models

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

# Specifications

## Hardware

- Ports: Deco E4R: 2 10/100Mbps WAN/LAN Ports, 1 Power Port; Deco M3W: N/A
- Buttons: Deco E4R: 1 Reset button; Deco M3W: 1 Reset button
- Antenna Type: Deco E4R: 2 internal dual-band antennas  
Deco M3W: 2 internal dual-band antennas
- Flash: Deco E4R: 16 MB; Deco M3W: 8 MB
- SDRAM: Deco E4R: 128 MB; Deco M3W: 128 MB
- Dimensions: Deco E4R: 7.5 × 3.6 × 3.6 in. (190.5 × 90.7 × 90.7 mm)  
Deco M3W (without plug): 4.9 × 2.7 × 1.4 in. (124 × 69 × 35 mm)
- Power Adapter Input: Deco E4R: 100-240V~ 50/60Hz 0.3A  
Deco M3W: 100-240V~ 50/60Hz 0.3A
- Power Adapter Output: Deco E4R: 12V  $\equiv$  1A; Deco M3W: N/A



## 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: 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

## 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, IC, NCC, BSMI, IDA, RCM, JPA, JRF, VCCI, KC, RoHS
- Smartphone/Tablet Requirements:  
iOS 9.0 or later  
Android 4.4 or later
- Package Contents:  
1 router Deco E4R  
2 wall-plug extenders Deco M3W  
1 RJ45 Ethernet cable  
1 power adapter  
1 quick installation guide
- 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

\*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.