deco™ | Whole Home Mesh Wi-Fi System

Seamless Roaming | Parental Controls | Adaptive Path Selection

AC1200 Whole Home Mesh Wi-Fi System



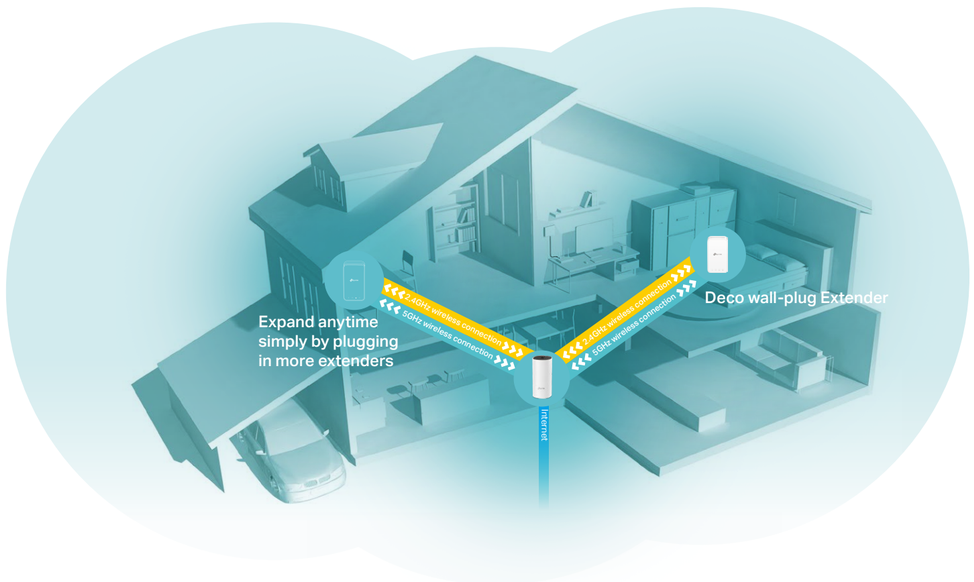
Deco M3

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, 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 M3W extender into a wall outlet to easily extend your Mesh Wi-Fi coverage.

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

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

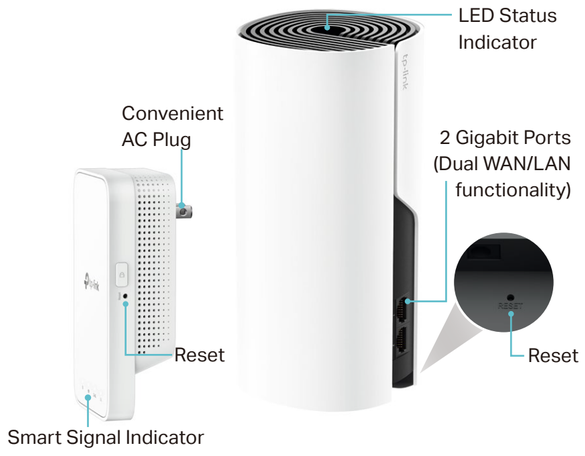
Hardware

- Ports: Deco M4R: 2 WAN/LAN Gigabit Ethernet Ports, 1 Power Port; Deco M3W: None
- Buttons: Deco M4R: 1 Reset button; Deco M3W: 1 Reset button
- Antenna Type: Deco M4R: 2 internal dual-band antennas

  Deco M3W: 2 internal dual-band antennas.
- Flash: Deco M4R: 16 MB; Deco M3W: 8 MB
- SDRAM: Deco M4R: 128 MB; Deco M3W: 128 MB
- Dimensions: Deco M4R: 7.5 × 3.6 × 3.6 in. (190.5 × 90.7 × 90.7 mm)

  Deco M3W: 4.9 × 2.7 × 2.0 in. (124 × 69 × 52 mm)
- Power Adapter Input: Deco M4R: 100-240V~ 50/60Hz 0.4A.

  Deco M3W: 100-240V~ 50/60Hz 0.3A
- Power Adapter Output: Deco M4R: 12V ⎓ 1.2A; 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: 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

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 M4R

  1 wall-plug extender 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.

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