deco™ | Superior Mesh Wi-Fi, Everywhere

Wi-Fi 6
Fast, Reliable Wi-Fi

AX3000 Indoor and Outdoor Whole Home Mesh System

- Advanced Wi-Fi 6 blankets your home with fast, reliable Wi-Fi connectivity.†
- 2 indoor + 1 outdoor routers ensure seamless indoor-outdoor Wi-Fi coverage.
- Connect everything at warp speed with Gigabit ports.
- Easily set up and optimize your mesh system in minutes using the mobile app.

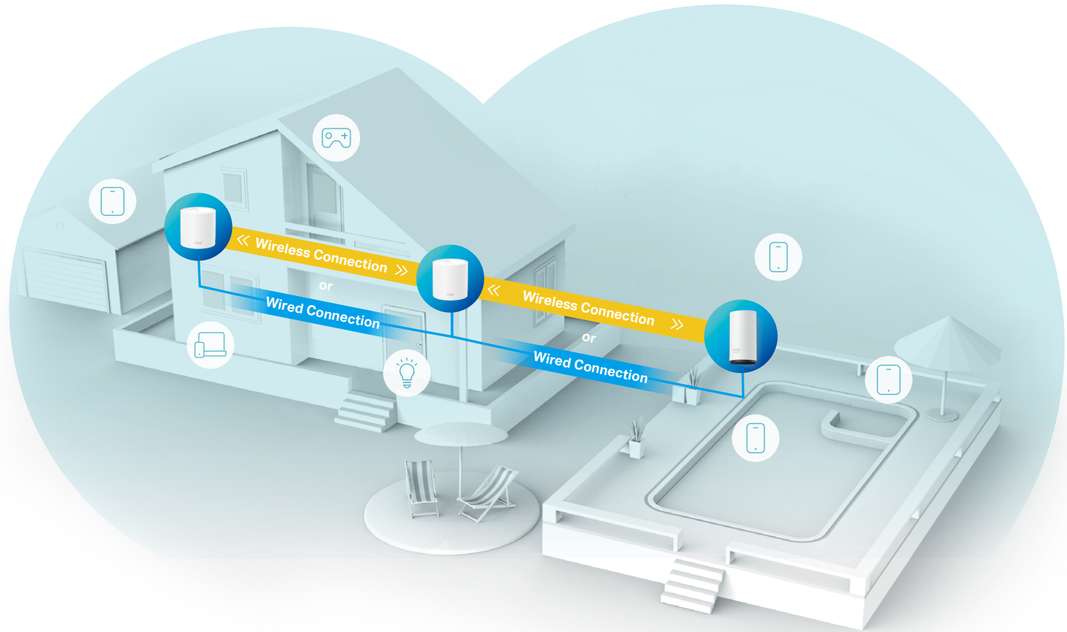


Deco WM9000 (3-Pack)

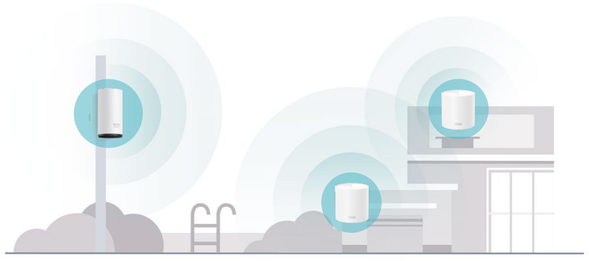
tp-link

Highlights

Indoor and Outdoor Mesh for All Scenarios



CONNECT OVER 150 DEVICES†



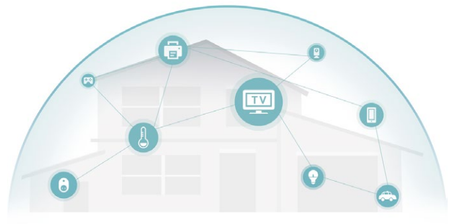
Fast Wi-Fi Everywhere

Deco WM9000 3-Pack delivers coverage for Indoor 4,500 sq.ft. and Outdoor 2,500 sq.ft., eliminating dead spots and covering your whole home in Wi-Fi speeds up to 3.0 Gbps.†



Ideal for Fast Outdoor Wi-Fi

Deco WM9000 features a weatherproof enclosure and solid operating temperature, enabling strong Wi-Fi signals outside. Flexible installation and power supply make it even easier for outdoor use.



The Best Connections

With TP-Link Mesh technology, Deco WM9000 is always working to give your devices the best possible connections.

Highlights

Wi-Fi 6

Superior Mesh Wi-Fi, Everywhere

- Enhanced Whole Home Wi-Fi 6 Coverage
- Improved Capacity for More Connections
- Minimized Wi-Fi interference
- Greatly reduced lag

Customizable Wi-Fi Settings

- Set Schedules and Pause Internet
- Filter Web Content
- Prioritize Your Bandwidth
- Network usage report

Advanced Functions

- Seamless roaming‡
- Access point mode
- MU-MIMO△
- Guest network

Features

Wi-Fi Speed

Faster Wi-Fi speed with stronger whole home Wi-Fi generated from Wi-Fi 6

- Superior Wireless Speed – Combines wireless speeds up to 2402 Mbps on 5 GHz + 574 Mbps on 2.4 GHz[†]
- More Devices Connected – Connects over 150 Devices[†]

TP-Link HomeShield

TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.[§]

- Network Protection – Detects cyber threats to keep your privacy and connected devices well protected
- Parental Controls – Manages online time and blocks inappropriate content to keep families healthy online
- Quality of Service (QoS) – Prioritizes your bandwidth needs to get a faster networking experience
- Comprehensive Reports– Gains full statistics and insights to help you know your home network better

Note: HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan.
Visit https://www.tp-link/homeshield for more information.

Easy Setup by Deco App

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

- Auto Connection Test – Tests the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manages your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keeps informed of the latest firmware updates

Security

Safeguard your home network with a firewall and wireless encryption

- Encryption for Secure Network – WPA/WPA2/WPA3 encryptions provide active protection against security threats
- Firewall – Protects your network devices from malicious attacks
- Block List – Add specific devices to Block list to protect your network from unauthorized users

Two Modes in One

Choose the Wireless Router mode or Access Point mode for your network needs

- Wireless Router Mode – Creates an instant private wireless network
- Access Point Mode – Creates Wi-Fi access for any existing wired network

Work with All Deco Models

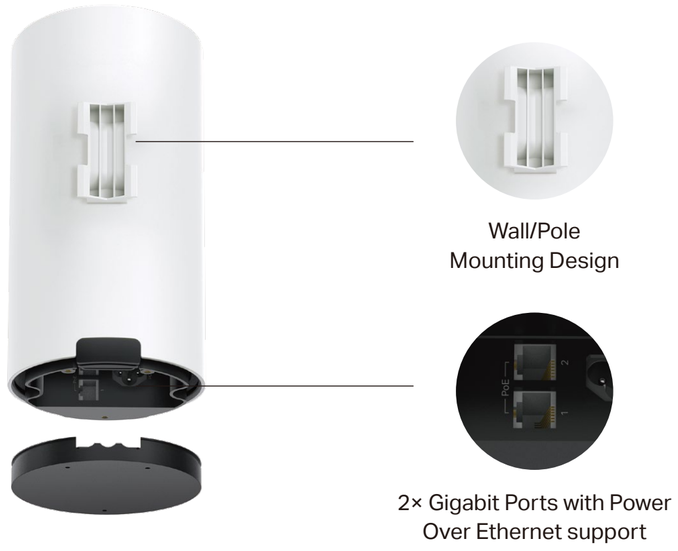
Form a Mesh network with your desired Deco models

- Compatible with All Deco Models – All Deco models can work together. Just expand Mesh Wi-Fi coverage anytime by adding more Decos
- Deco Mesh Technology – Eliminates dead zones and provides uninterrupted WiFi throughout your home

Specifications

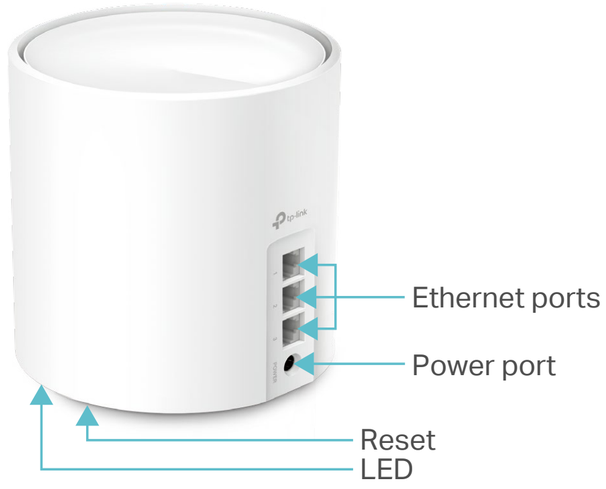
Hardware (Deco WM9000-Outdoor)

- Ports: 2× Gigabit Ports per unit (PoE and WAN/LAN auto-sensing)
- Button: 1 Reset button
- Durable IP65 Weatherproof Enclosure
- Antenna: 4 × internal antennas
- Power Input: IEEE 802.3at PoE or 100-240V~50/60Hz 0.5A AC
- Power Consumption : 17 W max
- Dimensions (W × D × H): 4.3 × 4.8 × 8.5 in (110 × 121.3 × 215.5 mm)



Hardware (Deco WM9000)

- Ports: 3× Gigabit WAN/LAN Ports per unit (WAN/LAN auto-sensing)
- Button: 1 Reset button
- Antenna: 2 × internal antennas
- Power Consumption (with power adapter): 18.5 W max
- Dimensions (W × D × H): 4.3 × 4.3 × 4.5 in (110 × 110 × 114 mm)
- Power Adapter Input: 100-240 V ~ 50-60Hz 0.6 A
- Power Adapter Output: 12 V 1.5 A



Specifications

Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- Mesh protocol: 802.11 k/v/r‡
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 2402Mbps on 5 GHz + 574 Mbps on 2.4 GHz†
- Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz)
- Wireless Security: WPA/WPA2/WPA3

Software

- Working Mode: Router, Access Point
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- DHCP: Server
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4 GHz Guest Network×1, 5 GHz Guest Network×1
- Features: TP-Link HomeShield, AI-Driven Mesh, BSS Color, OFDMA, 1024-QAM, MU-MIMO, Optional Ethernet Backhaul, Assisted Setup, Address Reservation, Port Forwarding, TP-Link DDNS, IPTV, IPv6, Firewall Rules, LED Control
- Management: Local Management; Remote Management; Multi-Managers

Others

- Certification: FCC, RoHS
- Environment (Deco WM9000-Outdoor):
  Operating Temperature: -30°C~60°C (-22°F~140°F)
  Storage Temperature: -40°C~60°C (-40 °F~140 °F)
  Operating Humidity: 10%~90% RH
  Storage Humidity: 5%~90% RH
- Environment (Deco WM9000):
  Operating Temperature: 0°C~40°C (32°F~104°F)
  Storage Temperature: -40°C~60°C (-40 °F~140 °F)
  Operating Humidity: 10%~90% RH
  Storage Humidity: 5%~90% RH
- Package Contents for Deco WM9000 (3-pack):
  1× Deco WM9000-Outdoor Unit
  2× Deco WM9000 Units
  1× AC Power Cord
  2× Power adapters
  1× RJ45 Ethernet cable
  Wall/Pole Mounting Kit
  Installation Guide

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. TP-Link is a registered trademark of TP-Link USA Corporation. Google, Google Home, and Google Play are trademarks of Google LLC. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2024 TP-Link USA Corporation. All rights reserved.

† 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.

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

ᴬ Use of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, 160MHz, and BSS Color requires clients to also support the corresponding features. The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.

§ Use of WPA3 requires clients to also support the corresponding feature.

☆ Users may require an extra modem device that is compatible with their internet service provider to gain internet access.

* HomeShield includes both basic and advanced features. Advanced features require a paid subscription. For details, visit tp-link.com/homeshield

Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, Internet service provider factors, and other environmental conditions.

©2024 TP-Link