

deco™

Wi-Fi 6

AX5000 Whole Home Mesh Wi-Fi 6 System

Superior Mesh Wi-Fi, Everywhere



Deco X5000



Highlights

Experience the Deco Advantage

Deco X5000 covers your entire home with 5.0 Gbps high-speed mesh Wi-Fi 6, no matter its size or shape. It uses powerful AX5000 Wi-Fi 6 with TP-Link's Mesh technology to deliver strong Wi-Fi up to 7,100 sq.ft. and keep over 150 devices running at top speed.



 **Faster Wi-Fi Speed up to 5,000 Mbps[†]**

 **High Capacity with over 150 Devices[†]**

 **Whole Home Coverage for up to 7,100 sq.ft.[†]**



Seamless AI-Driven Mesh

Deco Mesh forms a unified network with a single network name. With built-in AI-Roaming technology, it creates an ideal Wi-Fi environment with its advanced algorithms and self-learning. Walk through your home and enjoy seamless streaming at the fastest possible speeds.*

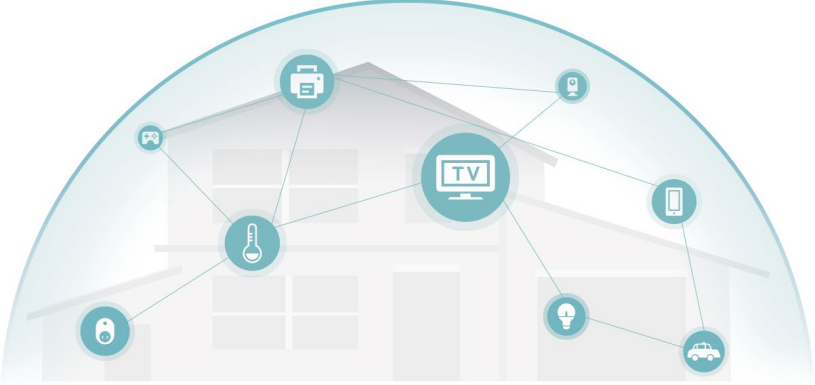


-  Seamless Roaming with One Wi-Fi Name
-  Sophisticated Algorithms
-  Self-Learning Capability
-  Customized Wi-Fi



Enhanced Security – HomeShield

Manage online time and block inappropriate content to keep your family safe online with Parental Controls. Network Protection further keeps your home network safe by preventing potential threats and security issues.*



-  Network Protection
-  Parental Controls
-  Private IoT Network
-  Quality of Service (QoS)

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 4537Mbps over 5 GHz, and 574 Mbps over 2.4 GHz
- OFDMA – Provides 4× greater capacity for more simultaneous connections
- 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

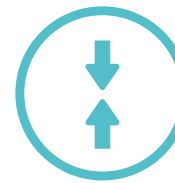
- Auto Connection Test – Tests the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manages your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keeps informed of the latest firmware updates



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
- Blacklist – Add specific devices to blacklist 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

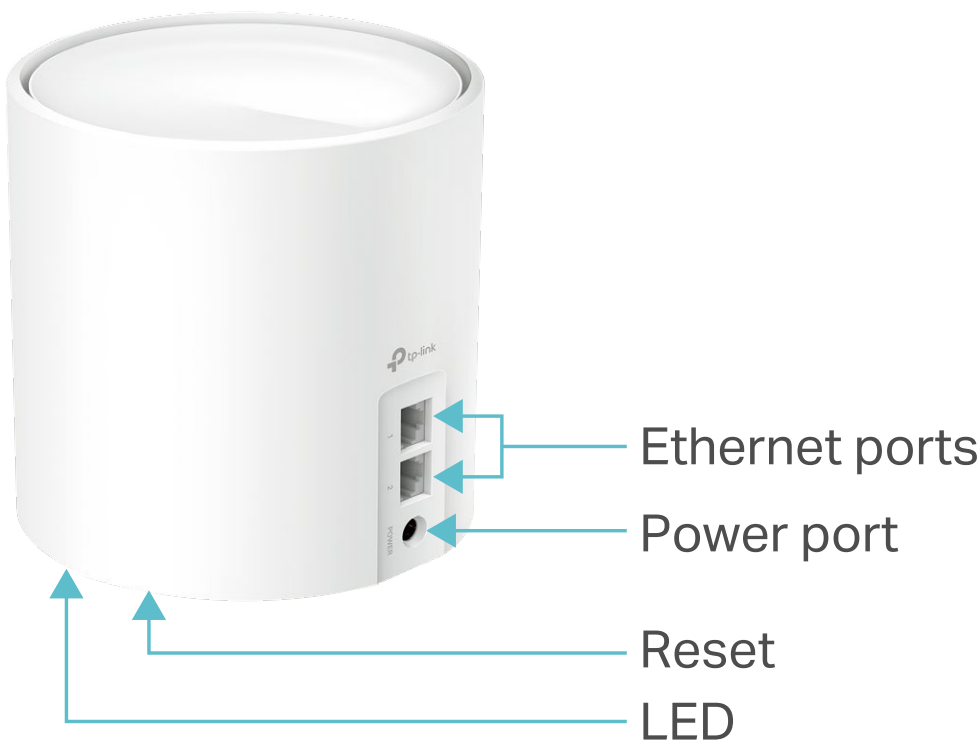
Form a Mesh network with your desired Deco models

- 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

- Ethernet Port: 2 gigabit ports per Deco unit (WAN/LAN auto-sensing)
- Button: 1 RESET button on the underside
- Antenna: 4 internal omni-directional antennas
- Power Consumption (with power adapter): 24.5 W max
- Dimensions (W × D × H): 4.33 × 4.33 × 4.49 in (110 × 110 × 114 mm)
- Power Adapter Input: 100-240V~ 50-60Hz 0.8 A
- Power Adapter Output: 12 V  2 A



Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz[†], IEEE 802.11b/g/n/ax 2.4 GHz
- Mesh protocol: 802.11k/v/r
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 574 Mbps on 2.4 GHz, 4537 Mbps on 5 GHz, 1024QAM on 2.4 GHz and 5 GHz
- Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz)
- Wireless Security: WPA/WPA2-PSK/WPA3 encryptions

Software

- Working Mode: Router, Access Point
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- DHCP: Server
- Quality of Service: WMM
- Firewall Security: SPI Firewall
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4 GHz Guest Network×1, 5 GHz Guest Network×1
- Features: Parental Controls, QoS (Quality of Service), Reporting, Assisted Setup, Address Reservation, Port Forwarding, TP-Link DDNS, IPTV, IPv6, LED Control
- Management: Local Management; Remote Management; Multi-Managers

Others

- Certification: FCC, RoHS
- Environment:
 - Operating Temperature: 0°C~40°C (32°F~104°F)
 - Storage Temperature: -40°C~60°C (-40°F~140°F)
 - Operating Humidity: 10%~90%
 - Storage Humidity: 5%~90%
- Package Contents for Deco X5000(3-pack):
 - 3 Deco X5000 units
 - 1 RJ45 Ethernet cable
 - 3 Power adapters
 - 1 Quick 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. All the brands and product names are trademarks or registered trademarks of their respective holders.

[†]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 set up. Performance may vary depending on the client device.

^ΔUse of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, HE160, and BSS Color require 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.

*HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield for more information.

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

***Wi-Fi generations represent the wireless standard IEEE 802.11 a/b/g/n/ac/ax. All devices need to support 802.11 Wi-Fi protocols.

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