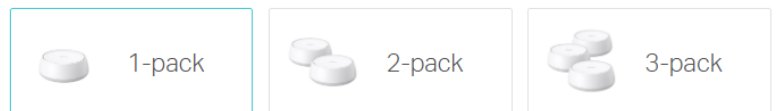### Deco BE25

BE5000 Whole Home Mesh WiFi 7 System

- **5 Gbps Dual-Band WiFi –** 4324 Mbps (5 GHz) + 688 Mbps (2.4 GHz).[†]
- **2.5 Gbps Wired Connections –** 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§]
- **Wireless and Wired Combined Backhaul –** Connects a wireless and wired backhaul with each unit simultaneously to improve overall throughput and reduce latency.
- **Multi-Link Operation (MLO) –** Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.[△]
- **Seamless AI-Driven Roaming –** Forms a unified network with built-in AI-Roaming creating the ideal Wi-Fi solution for your home.
- **TP-Link HomeShield –** Provides comprehensive network protection, robust parental controls, and real-time IoT security.[*]
- **Universal Compatibility –** Backward compatible with all WiFi generations and works with any internet service provider (ISP) and modem.[☆]
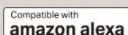
1-pack	2-pack	3-pack

Fast, Reliable WiFi 7. Anywhere You Need It.

BE5000 Whole Home Mesh WiFi 7 System

Deco BE25   Wi-Fi 7

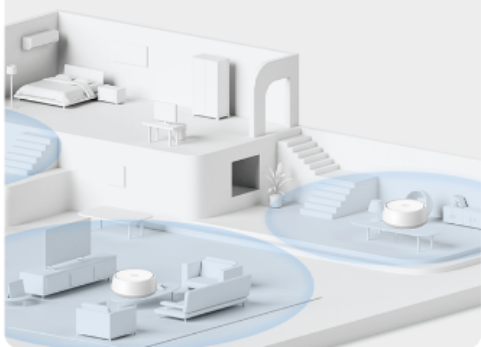works with Google Home   Compatible with amazon alexa   HomeShield

Wi-Fi 7

Dual-Band WiFi 7
Speeds up to **5000 Mbps**

A True Whole Home
Multi-Gigabit Mesh WiFi

The Ultimate **2.5G**
Connectivity
Wired and Wireless

Connect Over
150 Devices

Seamless AI
Roaming

Multi-Link
Operation

4K-QAM

Wireless and Wired
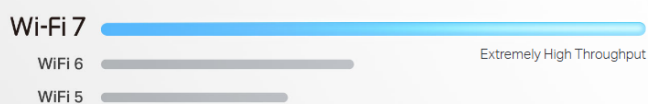Combined Backhaul

TP-Link
HomeShield

WiFi 7, WiFi Like Never Before

WiFi 7 offers accelerated throughput, lower latency, stronger anti-jamming, and higher efficiency. Join the league of pros
and experience the sheer performance of the next generation of WiFi.

Watch Video   Learn more about Wi-Fi 7

Wi-Fi 7

Wi-Fi 7
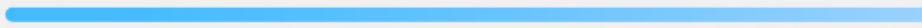Extremely High Throughput

WiFi 6

WiFi 5

Blazing Fast WiFi 7 Speed up to 5 Gbps

The latest 4K-QAM boosts the Wi-Fi speeds up to 5 Gbps.[†] — ideal for bandwidth-intensive tasks like cloud gaming and 8K video. Families will enjoy immersive live-streaming with flawless video and clear audio without buffering.

5 GHz		4324 Mbps
2.4 GHz		688 Mbps
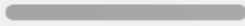
2× 2.5 Gbps
WAN/ LAN Ports

Desktop   4K HDTV   Computer

Ultra-Fast 2.5 Gbps Wired Performance

Perfect for bandwidth-intensive tasks like cloud gaming, VR entertainment, and 8K video streaming. Enjoy immersive live-streaming with flawless video and clear audio, no buffering. Ideal for families and busy households.

2.5× Faster
than Gigabit Ports

The Ultimate Backhaul: Stronger and More Flexible

Through our self-developed technology, Deco BE25 is able to connect wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections.

Backhaul Aggregation

Wireless and Wired Combined Backhaul

HomeShield

Smart Security for Smart Living

HomeShield is a built-in service, it provides a series of services for you to protect all your devices comprehensively with various features at home or on-the-go. With HomeShield, safer internet experiences bring more happiness to your smart living.

Network Protection

Simply configure your gateway and achieve whole home network security. HomeShield examines your network by scanning and identifying potential risks, stopping them in their tracks before they harm your network.*

Parental Controls

Parental Controls protect your kids, while helping them maintain healthy digital habits. Parents can set app blocking, web filtering, YouTube restrictions, SafeSearch, and online time limits to keep kids safe while they're having fun online.*

Maintain Protection Away from Home

Devices remain secure everywhere with devices security app. And through KidShield, parents can monitor their kids› locations . This way, kids stay digitally protected even on the go.*

VPN Clients and Server Supported

Allow devices in your home network to access remote VPN servers without needing to install VPN software on every device. You can create different VPN connection types, including OpenVPN, PPTP, L2TP/IPSec VPN. Besides, Deco can run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.

Private IoT Network for More Security

Set up a separate WiFi for IoT devices and overlay HomeShield and advanced WPA3 encryption** to better protect the security of your home network and IoT devices.
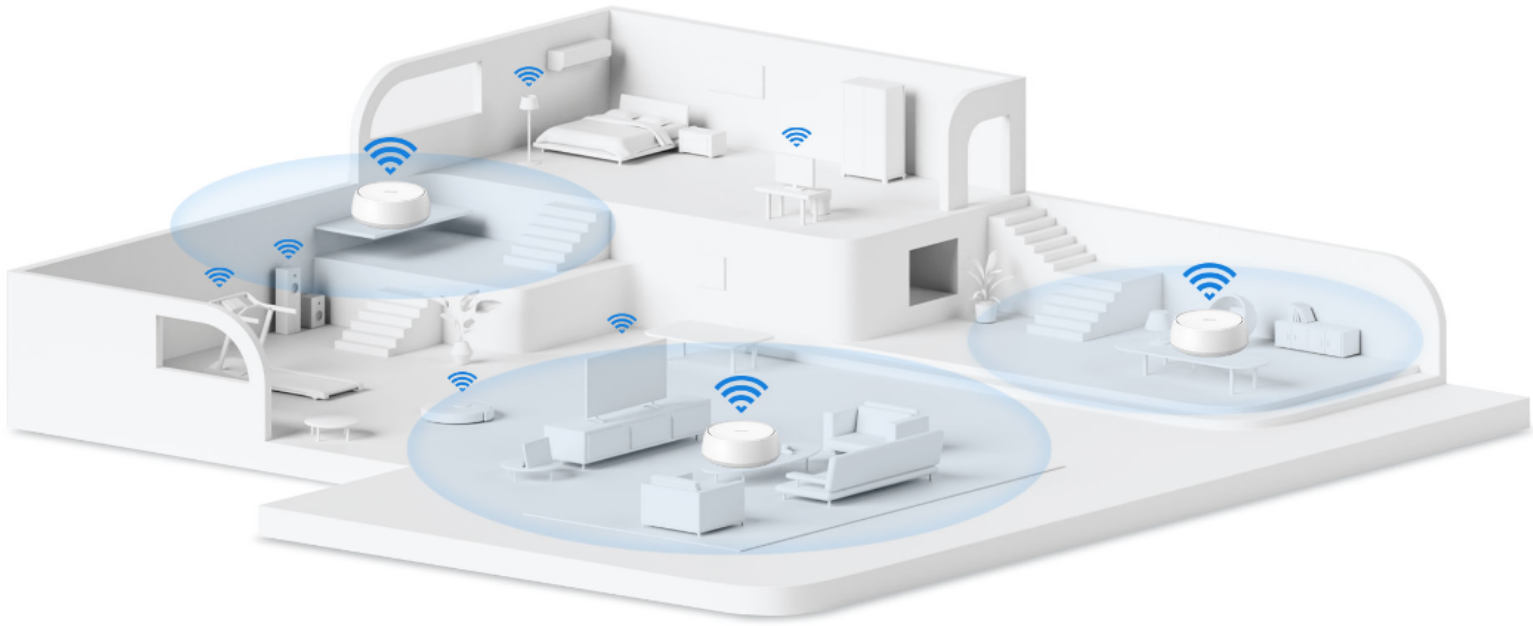
Seamless AI-Driven Mesh

Uninterrupted Streaming when Moving Between Rooms

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

Seamless Roaming with One WiFi Name

Sophisticated Algorithms

Seamless AI-Driven Mesh

Customized WiFi

Deco BE25
Mesh Wi-Fi System

Wi-Fi

Whole-Home Deco Wi-Fi

AI-Roaming Greatly Improves Your Overall WiFi Performance

Comparison of Actual Network Speeds

Position 1   Position 2   Position 3   Position 4   Position 5   Position 6   Position 7

— AI-Roaming Avg. Speed   — Roaming Avg. Speed
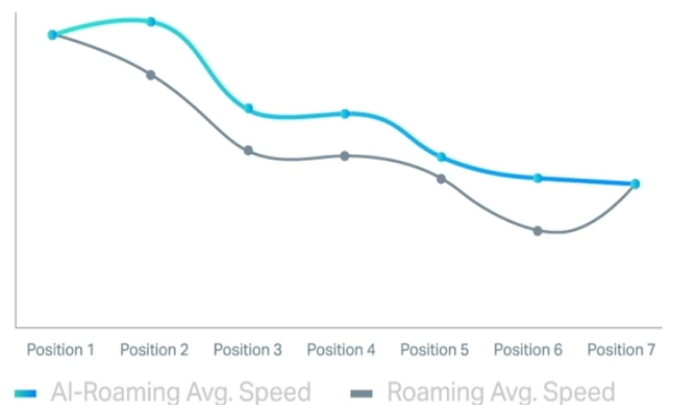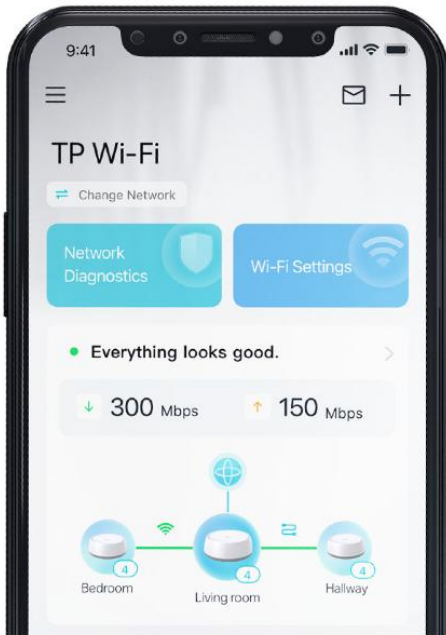
Simple. Easy. Yet Powerful.

Setup and manage your network anytime and anywhere on the friendly TP-Link Deco app. In just three easy steps your entire home can be blanketed in strong and reliable WiFi.

1. **CONNECT** to a modem and power on both.
2. **DOWNLOAD** and launch the Deco app.
3. **CONFIGURE** by following the in-app instructions.

Easy Management

Manage your WiFi at home or away on the Deco app. See every connected device, prioritize your own, and set up a guest network.

Voice Control

Use an Amazon Alexa or Google Assistant-enabled device to control Deco BE25 with just your voice.

All Decos Work Together

Deco BE25 is compatible with every other Deco model to form a Mesh network. Expand Mesh WiFi coverage anytime by adding more Decos.

WIRELESS

Standards	**Wi-Fi 7** IEEE 802.11be/ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
WiFi Speeds	**BE5000** 5 GHz: 4324 Mbps (802.11be) 2.4 GHz: 688 Mbps (802.11ax)
WiFi Range	**Broader Whole Home Coverage** TP-Link Mesh Technology Optional Ethernet backhaul work together to link Deco units to provide seamless coverage AI-Driven Mesh Intelligently learns the network environment to provide ideal Wi-Fi unique to your home 4× High-Performance Antennas (Internal) Multiple antennas form a signal-boosting array to cover more directions and large areas
WiFi Capacity	**Very High** Dual-Band Distribute devices to different bands for optimal performance OFDMA Simultaneously communicates with multiple WiFi 7 clients 6 Streams More than enough bandwidth for connected devices
Working Modes	Router Mode Access Point Mode
Advanced Functions	• Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant

SECURITY

Network Security	SPI Firewall Access Control **HomeShield Security** Real-Time IoT Protection Malicious Site Blocker Intrusion Prevention System DDoS Attack Prevention Home Network Scanner
Guest Network	**1× 5 GHz Guest Network** **1× 2.4 GHz Guest Network** Effective Time Bandwidth Control
VPN Server	• OpenVPN Server • PPTP VPN Server • L2TP/IPSec VPN Server
VPN Client	• OpenVPN Client • PPTP VPN Client • L2TP/IPSec VPN Client
WiFi Encryption	WPA-Personal WPA2-Personal WPA3-Personal

HARDWARE

Ethernet Ports	• 2× 2.5 Gbps *Per Deco Unit Supports WAN/LAN auto-sensing
Buttons	1× Reset Button 1× WPS

SOFTWARE

Advanced Features	• Reboot Schedule • Tapo/Kasa Onboarding • IoT network & Device Isolation • Static Routing Function • Node/Band Connection Preference
Protocols	IPv4 IPv6
Service Kits	HomeShield Learn More>
Parental Controls	**HomeShield Parental Controls** Youtube Restriction SafeSearch Custom Profiles Professional Content Filter Library Family Time Bedtime Off Time Time Rewards Family Online Time Ranking Pause the Internet Weekly and Monthly Reports
WAN Types	Dynamic IP Static IP PPPoE PPTP L2TP
Quality of Service	**HomeShield QoS** QoS by Device
Cloud Service	OTA Firmware Upgrade TP-Link ID DDNS
NAT Forwarding	Port Forwarding UPnP
IPTV	IGMP Proxy IGMP Snooping Bridge Tag VLAN
DHCP	Address Reservation DHCP Client List Server
DDNS	TP-Link
Management	Deco App

PHYSICAL

Dimensions (W×D×H)	5.91 × 5.91 × 2.44 in (150 × 150 × 62 mm)
Package Contents	**Deco BE25 (3-pack)** 3 Deco BE25 units 1 RJ45 Ethernet cable 3 Power adapters Quick Installation Guide **Deco BE25 (2-pack)** 2 Deco BE25 units 1 RJ45 Ethernet cable 2 Power adapters Quick Installation Guide **Deco BE25 (1-pack)** 1 Deco BE25 unit 1 RJ45 Ethernet cable 1 Power adapter Quick Installation Guide

OTHERS

Certifications	CE, 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% RH Storage Humidity: 5%~90% RH