



Superior Mesh Wi-Fi,
Everywhere

Compatible with
amazon alexa

 **HomeShield**



AXE5300

Tri-Band Mesh Wi-Fi 6E System



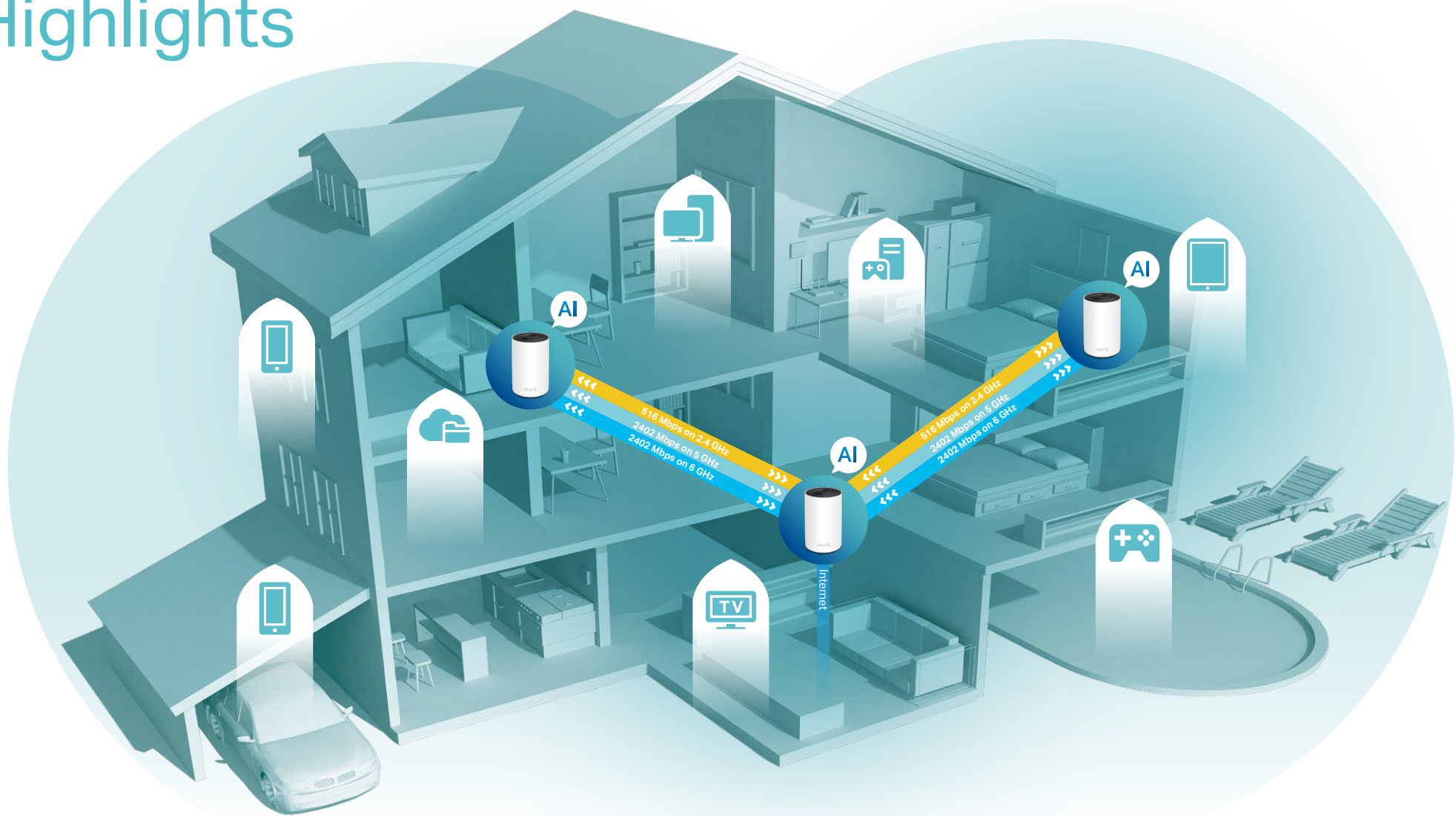
Includes latest
6 GHz Wi-Fi band

Deco XE5300



Wi-Fi 6E

Highlights



Superior Mesh Wi-Fi, Everywhere

Wi-Fi 6E Huge Leap Forward for Wi-Fi

Robust High-Speed Connections

Experience ultra-fast Wi-Fi with more connected devices thanks to the brand-new 6 GHz band. The added 160 MHz channels prevent competition over bandwidth and drops in speed.

Clean and Congestion-Free

Create an open and clear Wi-Fi network thanks to the brand-new 6 GHz band eliminating interference from legacy devices. As a dedicated backhaul, the 6 GHz band also benefits the overall Wi-Fi performance of all non-6E devices.



Backwards Compatible
Supports all Wi-Fi generations and devices**

Deco XE5300

=

Tri-Band Wi-Fi 6E

+

TP-Link AI-Driven Mesh Technology

+

HomeShield



Wi-Fi Dead-Zone Killer

Eliminate weak signal areas with clearer, stronger whole home Wi-Fi generated by Wi-Fi 6. No more searching around for a stable connection.^Δ



AI-Driven Mesh, Wi-Fi Tailored to Your Home

AI-Roaming creates the ideal Mesh Wi-Fi solution with its advanced algorithms and self-learning. Your devices will seamlessly switch to another network source when necessary for the most optimal connections.



Seamless Roaming with One Wi-Fi Name

Deco units work together to form a unified network with a single network name. Walk through your home and enjoy seamless streaming at the fastest possible speeds.[‡]



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

Manage online time and block inappropriate content to maintain healthy online habits.



Quality of Service (QoS)

Prioritize your bandwidth needs to get a faster networking experience.



Comprehensive Reports

Gain full statistics and insights to help you understand your home network better.

Features



Wi-Fi Speed

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

- Superior Wireless Speed – Combines wireless speeds up to 2402Mbps on 6 GHz and 5GHz, and 516 Mbps on 2.4 GHz
- More Devices Connected – Connects up to 200 Devices[†]
- 1.7 GHz Quad-Core CPU – Helps accelerate wired and wireless transmission simultaneously to keep your connections fast and uninterrupted.



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

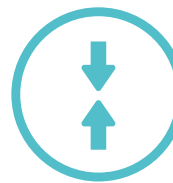
- Auto Connection Test – Tests the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manages your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keeps informed of the latest firmware updates



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

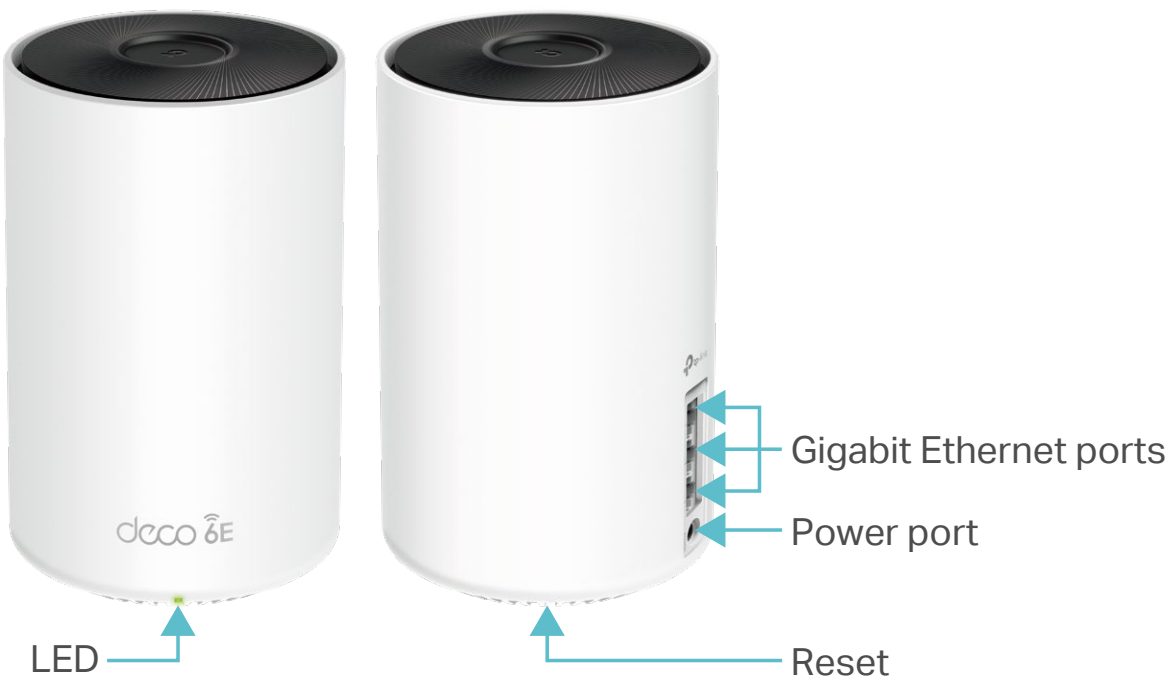
Form a Mesh network with your desired Deco models

- 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: 3 Gigabit ports per Deco unit (WAN/LAN auto-sensing)
- Button: 1 RESET button on the back
- Antenna: 4 high-gain antennas
- Power Consumption (with power adapter): 23 W max
- Dimensions (W × D × H): 4.1 × 4.1 × 6.7 in (105 × 105 × 169 mm)
- Power Adapter Input: 100-240 V ~ 50/60 Hz 0.8 A
- Power Adapter Output: 12 V \equiv 2 A



Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz, Wi-Fi 6E Mesh
- Mesh protocol: 802.11k/v/r
- Frequency: 2.4 GHz, 5 GHz and 6 GHz
- Signal Rate: 2402 Mbps on 6 GHz + 2402 Mbps on 5 GHz+ 516 Mbps on 2.4 GHz[†]
- Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz), <30 dBm(6 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
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4 GHz Guest Network×1, 5 GHz Guest Network×1, 6 GHz Guest Network×1
- Features: TP-Link HomeShield, 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:
Operating Temperature: 0°C~40°C (32 °F~104 °F)
- Package Contents:
3 Deco XE5300 units
1 RJ45 Ethernet cable
3 Power adapters
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, 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.

[^]Use of Wi-Fi 6, Wi-Fi 6E, and other features including OFDMA, MU-MIMO, 1024-QAM, 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.

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