deco™ | Whole Home Mesh Wi-Fi System

Seamless Roaming† | Parental Controls | Easy Setup

AC1900 Whole Home Mesh Wi-Fi System

Fast, Stable, Everywhere



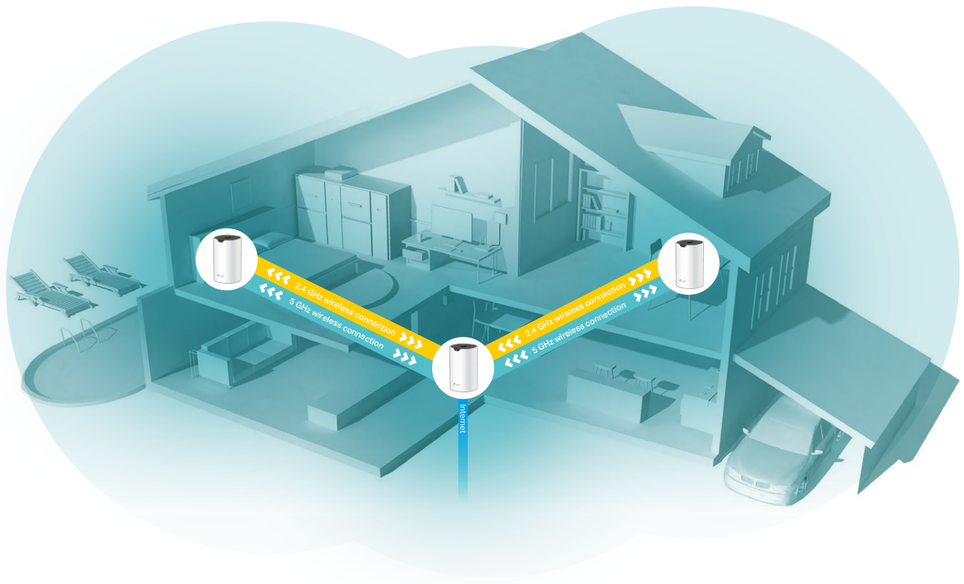
Deco S7

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 and stable connections for an army of devices in homes up to 5,600 ft^2 / 520 m^2. Setup is made easier with the Deco app there to walk 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.

No More Buffering

Faster AC1900 dual band Wi-Fi ensures a smooth gaming and 4K streaming experience with 11ac Wave 2 MU-MIMO technology and provides lag-free connections for over 100 devices.‡

Seamless Roaming with One Wi-Fi Name

Deco units work together to form a 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

Security

Safeguard your home network with a firewall and wireless encryption

- Encryption for Secure Network – WPA/WPA2 encryptions provide active protection against security threats
- Firewall – Protect your network devices from malicious attacks

Quality of Service

Prioritize devices for faster performance when needed

- For Devices – 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

Two Modes in One

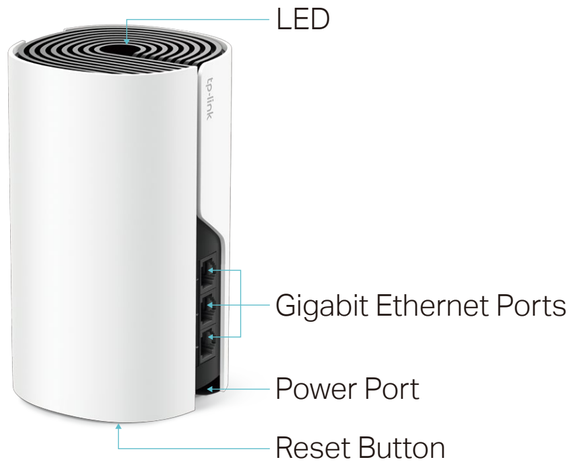
Choose the router or access point mode for your network needs

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

Specifications

Hardware

- Port: 3 WAN/LAN Gigabit Ethernet ports per Deco unit, 1 Power port
- Button: 1 Reset button on the underside
- Antenna Type: 3 internal dual-band antennas per Deco unit
- Power Consumption (with power adapter): 15.7 W max (US version); 11.5 W max (EU version)
- Power Adapter Input: 100-240 V ~ 50/60 Hz 0.6 A (US version); 100-240 V ~ 50/60 Hz 0.3 A (EU version)
- Power Adapter Output: 12 V ⎓ 1.5 A (US version); 12 V ⎓ 1 A (EU version)
- Dimensions (H *L*W): 6.4 × 3.6 × 3.6 in. (162.3 * 90.7 * 90.7 mm)



Wireless

- Wireless Standards: IEEE 802.11 a/n/ac 5 GHz, IEEE 802.11 b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 1300 Mbps at 5 GHz, 600 Mbps at 2.4 GHz
- Transmit Power: FCC: <30 dBm (2.4 GHz), <30 dBm (5 GHz)
  CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz)
- Wireless Security: WPA-PSK/WPA2-PSK

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
- Mesh Protocol: 802.11k/v/r
- Guest Network: 2.4 GHz Guest Network x 1, 5 GHz 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, Multi-Managers

Others

- Certification: FCC, CE, 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 S7 (3-pack):
  3 Deco S7 Units
  3 Power Adapters
  1 RJ45 Ethernet Cable
  1 Quick Installation Guide
- Package Contents for Deco S7 (2-pack):
  2 Deco S7 Units
  2 Power Adapters
  1 RJ45 Ethernet Cable
  1 Quick Installation Guide
- Package Contents for Deco S7 (1-pack):
  1 Deco S7 Unit
  1 Power Adapter
  1 RJ45 Ethernet Cable
  1 Quick Installation Guide

Attention: This device may only be used indoors in all EU member states, EFTA countries and Northern Ireland.
Attention: This device may only be used indoors in Great Britain.
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.
†Clients need to support 802.11k/v/r and may require additional setup. Performance may vary depending on the client device.
‡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.
ΔUse of MU-MIMO requires clients to also support MU-MIMO.
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