deco™

5G Wi-Fi 6

5G AX1500 Whole Home Mesh Wi-Fi 6 Router

Superior Mesh Wi-Fi, Everywhere

works with Google Home | Compatible with amazon alexa | HomeShield

Deco X1500-5G

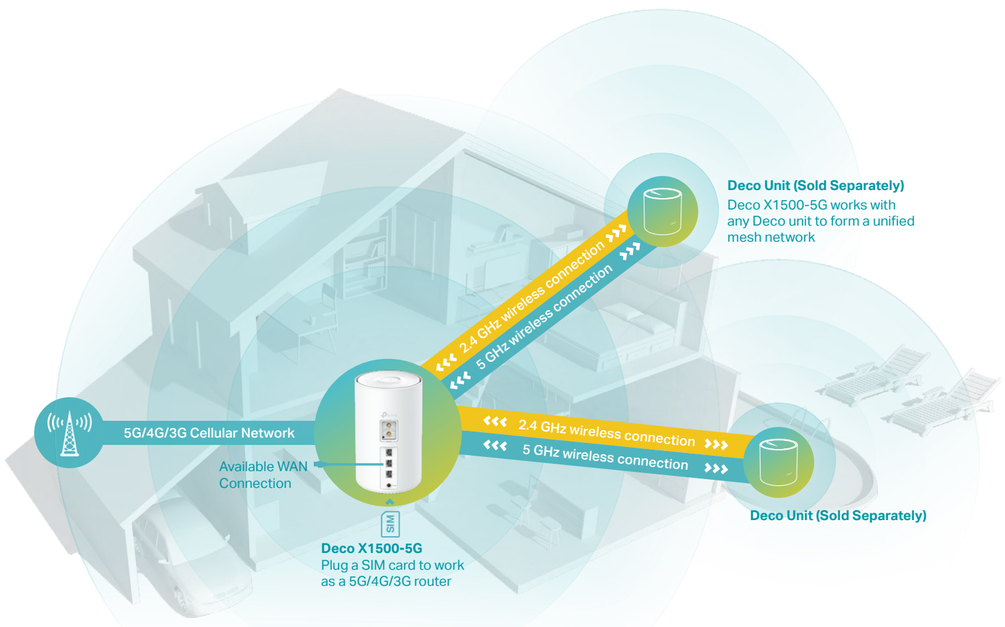
tp-link

- Cellular 5G up to 4.67Gbps**
- Faster Wi-Fi Speed up to 1.5 Gbps†
- Connect up to 120 Devices†

Highlights

Superior Mesh Wi-Fi , Everywhere

Deco 5G = Deco Mesh + Wi-Fi 6 + 5G/4G/3G Router



Works as a 5G/4G/3G Router, Enabling Internet Connections Everywhere

With a built-in 5G modem, Wi-Fi 6, and Deco Mesh, Deco X1500-5G can work as a standalone 5G/4G/3G router. It delivers hassle-free 5G/4G/3G networking and shares a superior whole home mesh Wi-Fi experience with other Deco units. Insert your SIM card and enjoy high-speed internet.**

Wi-Fi Dead-Zone Killer

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

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 stay connected with the fastest possible speeds.‡

No More Buffering

Wi-Fi 6 brings lag-free connections to a hyper-connected home. Enjoy a smooth gaming and 4K streaming experience even when multiple compatible devices are online.†

HomeShield Security

Manage online time and block inappropriate contents to keep families healthy online with Parental Controls. Quality of Service (QoS) and Network Protection further keep your home network smooth and safe.§

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 1201 Mbps over 5 GHz, and 300 Mbps over 2.4 GHz
- OFDMA – Simultaneously communicates with multiple WiFi 6 clients
- More Devices – Connects up to 120 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 block 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 tp-link.com/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
- Blocklist – Add specific devices to blocklist to protect your network from unauthorized users

Four Modes in One

Choose the 3G/4G/5G Router, Wireless Router, Access Point, or 3G/4G/5G Bridge mode for your network needs

- 3G/4G/5G Router Mode – Plug a SIM card and enjoy the fast and stable Wi-Fi
- Wi-Fi Router Mode – Creates an instant private wireless network
- Access Point Mode – Creates Wi-Fi access for any existing wired network
- 3G/4G/5G Bridge Mode – Forwards ISP network traffic directly to the Bridge LAN port without routing/ NAT processing

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 (WAN/LAN auto-sensing)
- Button: 1 RESET button on the underside
- Antenna: 8 LTE antennas, 2 Wi-Fi antennas
- Power Consumption (with power adapter): 20.88 W max
- Dimensions (W × D × H): 7.79 × 4.61 × 4.61 in (198 × 117 × 117 mm)
- Power Adapter Input: 100-240 V~ 50-60 Hz 0.8 A
- Power Adapter Output: 12 V ⎓ 2 A

Wireless

- 5G: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N75/N76/N78
- 4G FDD-LTE: B1/B3/B5/B7/B8/B20/B28/B32
- 4G TDD-LTE: B38/B40/B41/B42/B43
- 3G: B1/B5/B8
- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Mesh Protocol: 802.11k/v/r‡
- Wi-Fi Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 300 Mbps on 2.4 GHz, 1201 Mbps on 5 GHz†
- 5G Theoretical Speeds: 4.67 Gbps download, 1.25 Gbps upload**
- Transmit Power: CE: ≤20 dBm (2.4 GHz), ≤23 dBm (5 GHz)
- Wireless Security: WPA/WPA2-PSK/WPA3 encryptions

Software

- Working Mode: 3G/4G/5G, Wi-Fi Router, Access Point, 3G/4G/5G Bridge
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- 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), Anti-virus, Address Reservation, Port Forwarding, TP-Link DDNS, IPTV, IPv6, LED Control, Smart Connect, Optional Ethernet backhaul,1024-QAM△, MU-MIMO△, OFDMA△, BSS Color△

Others

- Certification: 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%RH
  Storage Humidity: 5%~90%RH
- Package Contents for Deco X1500-5G (1-pack):
  1 Deco X1500-5G unit
  1 RJ45 Ethernet Cable
  1 Power Adapter
  Quick Installation Guide

Specifications are subject to change without notice. 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.

†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 802.11 k/v/r and may require additional setup. Performance may vary depending on the client device.

△Use of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, and BSS Color require clients to also support the corresponding features.

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

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

**Maximum 5G download speeds depend on external factors such as the local 5G network coverage, data plan, real-time network capacity, client limitations, and environmental factors. Supported 5G frequency bands: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n75/n76/n77/n78. Actual supported frequency bands may vary slightly in different regions due to certification.

***All WAN/LAN ports will operate as either WAN or LAN ports. Only one port can serve as a WAN port at a time.

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.

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