AX1500 Whole Home Mesh WiFi 6 System

Model: Halo H60X

Seamless Coverage up to

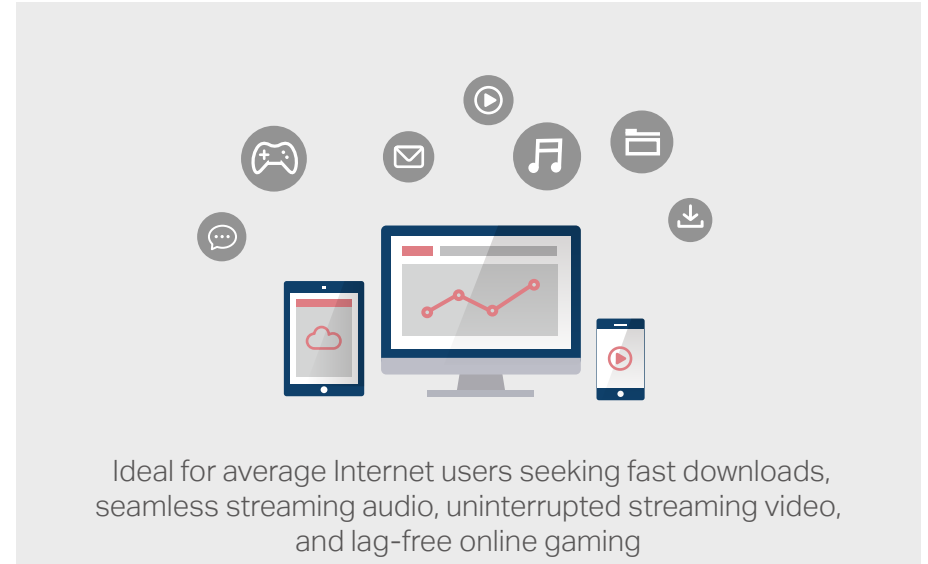**2500**ft² | **230**m²

▌▌ Highlights

- **Dual Band WiFi 6 Speeds up to 1500 Mbps** – 1201 Mbps on 5 GHz and 300 Mbps on 2.4 GHz.[†]
- **Seamless Roaming with One Unified Network** – Halo units work together to automatically switch between Halos as you move around your home with a single unified WiFi name and password.[‡]
- **Whole Home Coverage** – Blanket up to 2,500 ft² (230 m²) with high-speed WiFi, eliminating WiFi dead zones at your home.[†]
- **Connect over 100 Devices** – Provide fast and stable connections over 100 devices.[†]
- **Full Gigabit Ports** – Gigabit ports for lightning-fast wired connections.**

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// Applications

Ideal for large homes with multiple rooms and multiple users

Ideal for average Internet users seeking fast downloads, seamless streaming audio, uninterrupted streaming video, and lag-free online gaming

// Features

Whole Home Coverage
Work as a unified system to guarantee a strong Wi-Fi signal in every corner of your home.△

Automatically Expand Coverage
After configuring the main router, simply power up the included add-on unit. It will automatically join the network and establish a whole home mesh Wi-Fi system.

Seamless Roaming with One Wi-Fi Name
Choose the best signal and enjoy the best connections with one unified network.†

Parental Controls
Set access control and time limits to better manage your family's online habits.

// Fast Wi-Fi 6 for an Upgraded Whole Home Mesh Network Experience

Armed with Wi-Fi 6, Halo H60X improves virtually every aspect of your network, especially when it comes to speed, efficiency, and capacity. △

1024-QAM
Boosts raw speeds by 25% compared with 256-QAM.

OFDMA
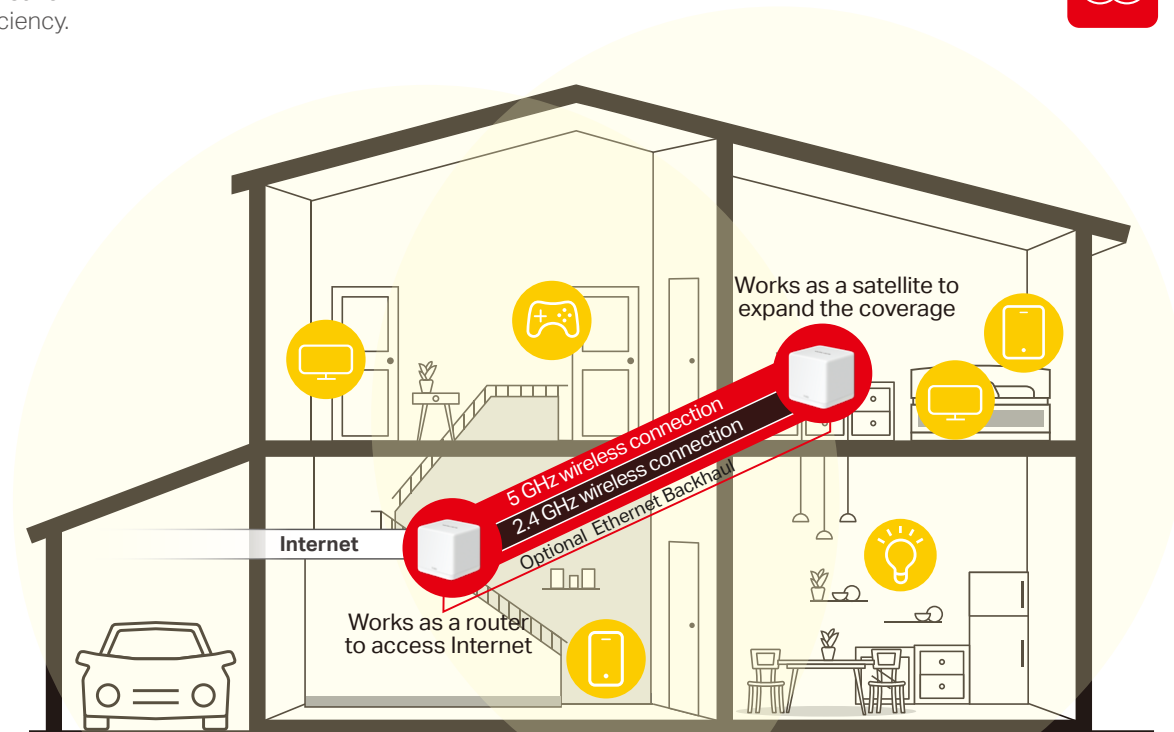Delivers greater network capacity and efficiency.

MU-MIMO
Connect more devices simultaneously.

BSS Color
Marks frames from neighboring networks to increase efficiency.

Works as a satellite to expand the coverage

5 GHz wireless connection
2.4 GHz wireless connection
Optional Ethernet Backhaul

Internet

Works as a router to access Internet

// Specifications

Wireless

Wireless Standards
IEEE 802.11ax/ac/n/a 5 GHz
IEEE 802.11n/b/g 2.4 GHz

Signal Rate
1201 Mbps on 5 GHz, 300 Mbps on 2.4 GHz[‡]

Mesh protocol
802.11k/v/r

EIRP
2.4 GHz < 20dBm (EIRP)
5 GHz < 23dBm (EIRP)

Reception Sensitivity
2.4GHz:
11g 6Mbps:-96.5dBm
11g 54Mbps:-78dBm
5GHz:
11a 6Mbps:-96dBm
11a 54Mbps:-78dBm
11ac VHT20 MCS8:-74.5dBm
11ac VHT40 MCS9:-70.5dBm
11ac VHT80 MCS9:-66.5dBm
11ax HE20 MCS11:-66dBm
11ax HE40 MCS11:-63dBm
11ax HE80 MCS11:-61dBm

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

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, Mercusys DDNS, VLAN, IPv6, LED Control

Management
Local Management, Remote Management, Multi-Managers

Wireless Security
WPA-PSK/WPA2-PSK/WPA3[§]

// Specifications

Hardware

Ports

Halo H60XR: 3× Gigabit WAN/LAN

Button

Reset button

Dimensions (W x D x H)

3.5 × 3.5 × 3.5 in (88 × 88 × 88 mm)

Others

Environment

Operating Temperature: 0°C~40°C (32°F~104°F)

Operating Humidity: 10%~90% Non-Condensing

Storage Humidity: 5%~90% Non-Condensing

Package Contents for Halo H60X (1-pack):

1× Halo H60XR Unit

1× RJ45 Ethernet Cable

1× Power Adapters

Quick Installation Guide

†Seamless roaming requires clients to support 802.11k/v 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, 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.

△Use of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, BSS Color, require clients to also support the corresponding features. This product may not support all the mandatory features of IEEE 802.11AX specifications. Further software upgrades for feature availability may be required.

§Use of WPA3 requires clients to also support WPA3.

*Please note that the Halo H series and S series cannot work together. Halo H60X is com-patible with other units from the Halo H series to form a Mesh network. H60XS can only work as a satellite.

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