AC1200 Whole Home Mesh Wi-Fi System
Model: Halo H30

Seamless Coverage up to
3500 ft² | **320** m²

// Highlights

- One Unified Network - Run a single home network with one Wi-Fi name and password
- Seamless Roaming - Always choose the best signal to enjoy the fastest connections for all your devices[†]
- Easy App Control - Use the MERCUSYS App to quickly set up and manage your Wi-Fi

Download on the App Store

GET IT ON Google Play

*The actual product may vary from the image

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

1.2 Gbps High-Speed Wi-Fi
Enjoy super-fast dual band Wi-Fi connections with 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz) speeds.‡

Expand Anytime
Expand Mesh Wi-Fi coverage anytime by simply adding more units from the Halo H series*

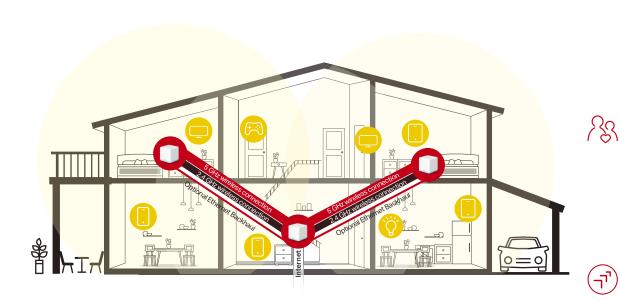**Seamless Roaming**
Always choose the best signal to enjoy the fastest connections for all your devices†

A Whole Home Wi-Fi Solution

Halo works as a unified system to guarantee a strong Wi-Fi signal in every corner of your home. Mercusys Mesh Technology provides an incredibly fast and stable user experience when you walk around your home. Interruption and buffering will be a thing of the past.

Halo Offers True Seamless Roaming

Seamless roaming intelligently connects devices to the Halo with the strongest signal and highest capacity. And Smart Connect helps to choose the best available band for each device. No more sudden signal drops or lagging Wi-Fi when you're roaming at home.[†]

Manage and Secure Your Home Network

Simplify the management of your home network via the MERCUSYS App with a variety of software features such as Parental Controls, Quality of Service (QoS), and Guest Network for added security and higher effectiveness.

Maximum Coverage with Beamforming

Halo H30 supports Beamforming technology to detect devices, even if they are far-away or low-powered, and concentrate wireless signal strength towards them, making your connection more stable.

// Specifications

Hardware

Ports
2× 10/100 Mbps Ethernet Ports per Halo Unit (WAN/LAN auto-sensing)

Button
Reset button

Dimensions (W x D x H)
3.5 × 3.5 × 3.5 in (88 × 88 × 88 mm)

Wireless

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

Signal Rate
867 Mbps on 5 GHz, 300 Mbps on 2.4 GHz‡

Mesh protocol
802.11k/v

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

Reception Sensitivity
2.4GHz:
11g 6Mbps:-96dBm
11g 54Mbps:-78dBm
11n HT20 MCS7:-76dBm
11n HT40 MCS7:-73dBm
5GHz:
11a 6Mbps:-95dBm
11a 54Mbps:-77dBm
11ac VHT20 MCS8:-72dBm
11ac VHT40 MCS9:-67dBm
11ac VHT80 MCS9:-63dBm

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

// Specifications

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 H30 (3-pack):

- 3× Halo H30 Units
- 1× RJ45 Ethernet Cable
- 3× Power Adapters
- 1× Quick Installation Guide