MERCUSYS®

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

Seamless Coverage up to
3500ft² | **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

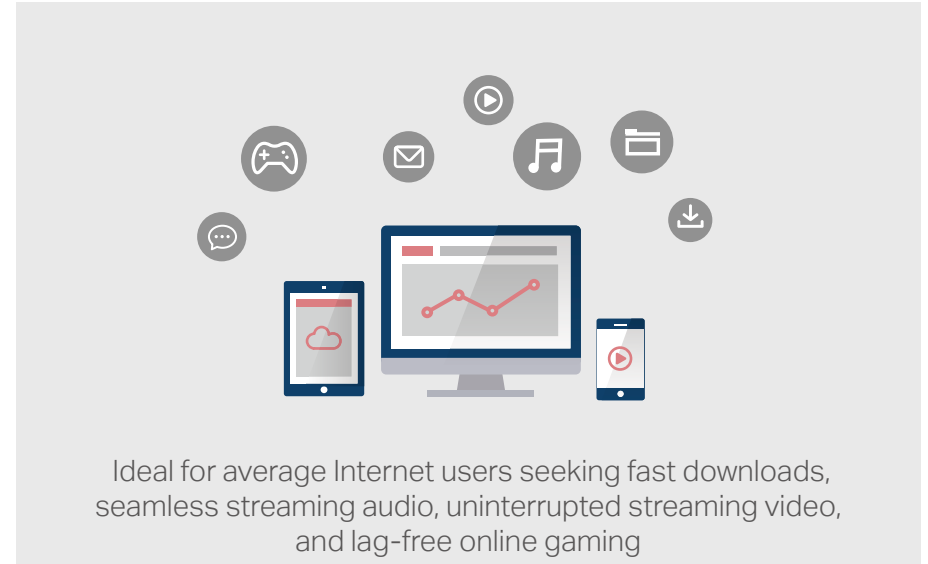Download on the App Store

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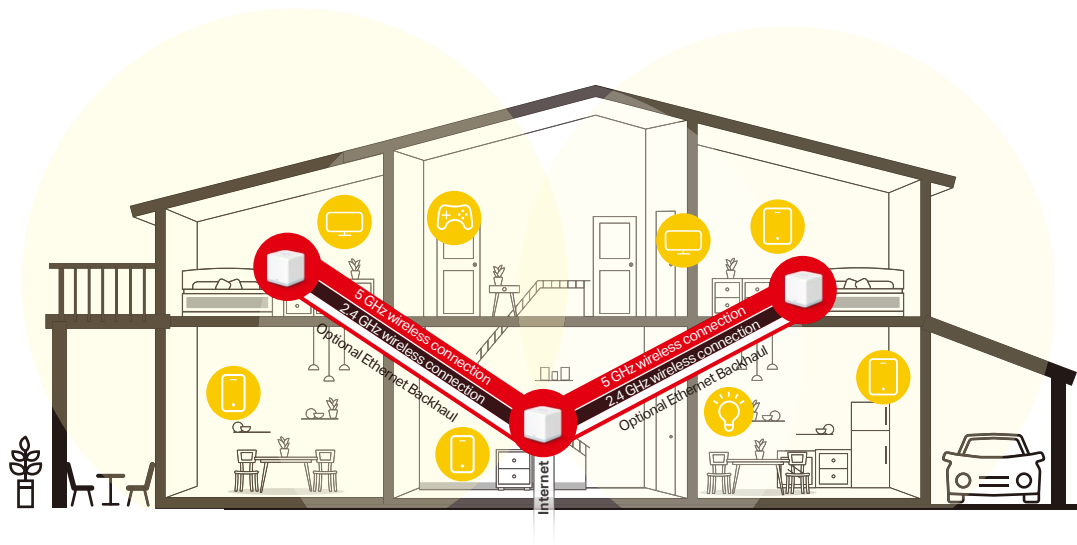
Seamless Roaming
Always choose the best signal to enjoy the fastest connections for all your devices[†]

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/r

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