MERCUSYS®

Wi-Fi 7

BE3600

Whole Home Mesh Wi-Fi 7 System

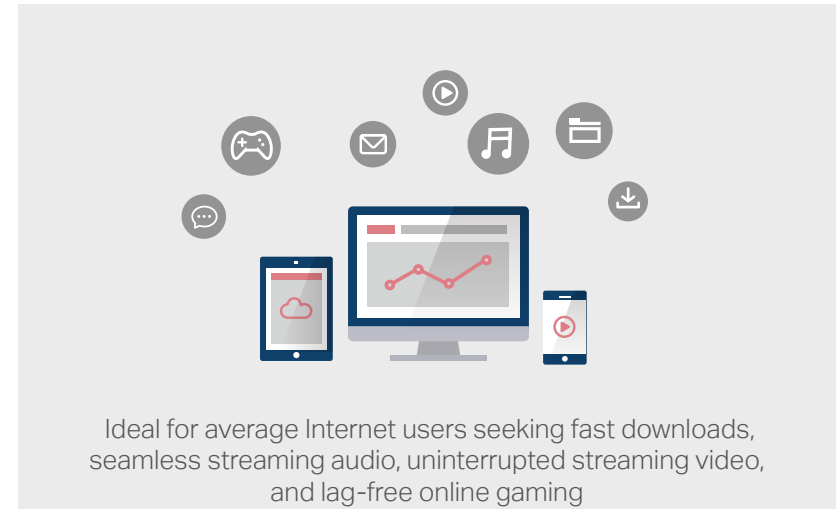Model: Halo H25BE

Take Your Home Network to the Next Level

Seamless Coverage up to
7000 ft² | **650** m²

// 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

MLO

Multi-Link Operation

Transmits data across different bands simultaneously△

4K QAM

4K-QAM
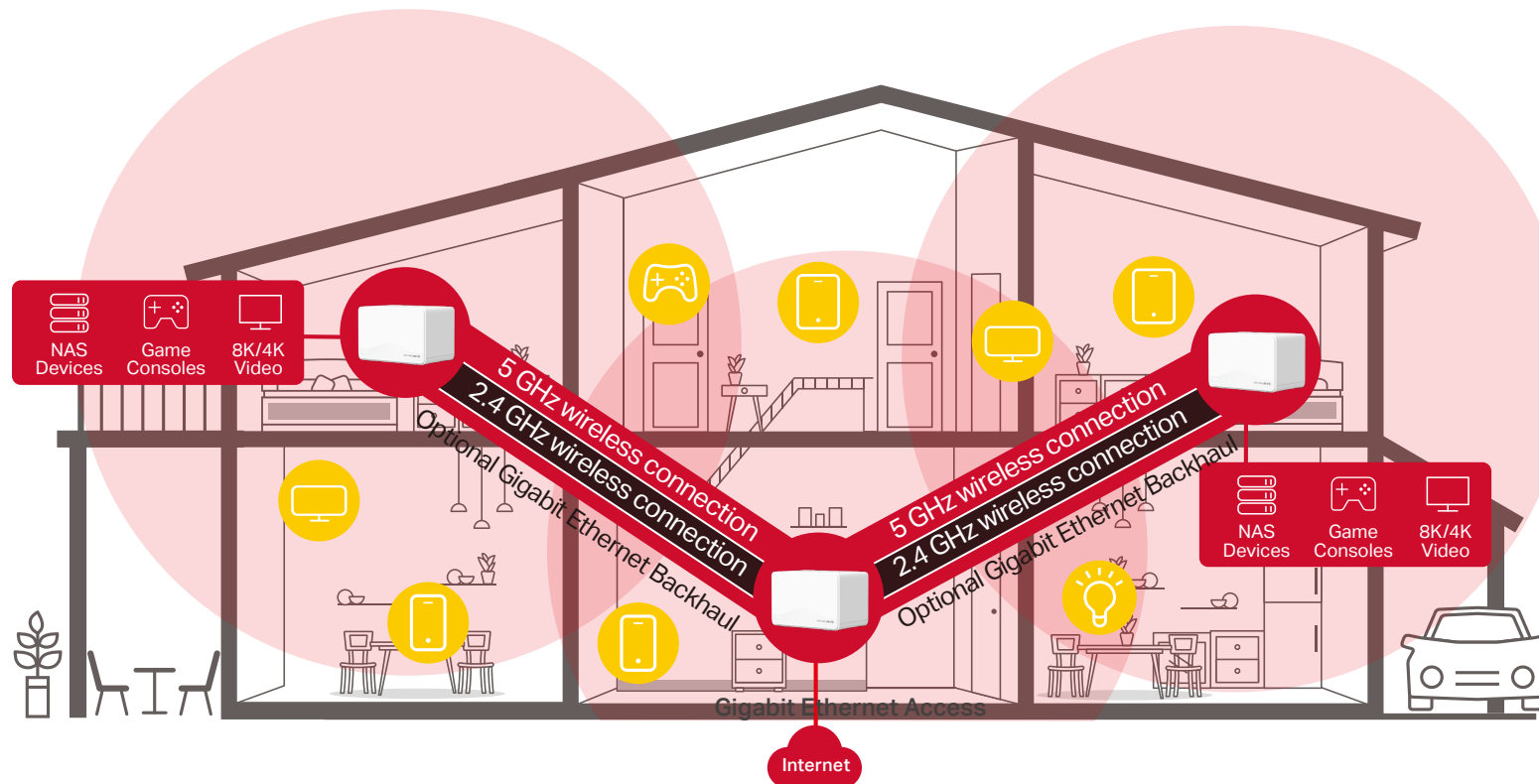
Packs 20% more data compared with 1024-QAM△

Multi-RUs

Multi-RUs

Makes full use of every resource△

Create Your Own Multi-Gigabit Mesh Network

Halo H25BE features 3 × 1 Gbps WAN/LAN auto-sensing ports, which can serve as either device LAN connections or as wired backhauls between Halo H units, ensuring robust connectivity—both wired and wirelessly.**

3× 1 Gbps
WAN/LAN Ports**

Connects over 150 Devices‡

Seamless Roaming with
One Wi-Fi Name†

Enhanced WPA3 Security§

Specifications

Wireless

Wireless Standards

5 GHz: IEEE 802.11a/n/ac/ax/be

2.4 GHz: IEEE 802.11b/g/n/ax/be

Signal Rate‡

2880 Mbps at 5 GHz;

688 Mbps at 2.4 GHz

Mesh protocol

802.11k/v/r

EIRP

5G band1 band2<23dBm

5G band3<30dBm

2.4G band<20dBm

Reception Sensitivity

5G: -98.5dBm

2.4G: -97dBm

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-SAE§

// Specifications

Hardware

Ports

3 × 1 Gbps Ports (WAN/LAN auto-sensing)

Button

Reset button

Dimensions (W x D x H)

128 × 81.3 × 83.7 mm (5 × 3.2 × 3.3 in)

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 H25BE (3-pack):

3× Halo H25BE Units

1× RJ45 Ethernet Cable

3× Power Adapters

Quick Installation Guide