

# Omni Mesh

Wireless mesh system



Omni wireless mesh system from Heimgard covers up to 550 square meters of wireless internet. Three Omni units are included in a standard package. Place them strategically around your home to maximize your Wi-Fi coverage.

## Wireless Interface

- Dual band, simultaneously operating 2.4 GHz and 5 GHz 2x2 802.11b/g/n/ac radios
- Operating bandwidths 2.4 GHz: 20/40 MHz
- Operating bandwidths 5 GHz: 20/40/80 MHz Beamforming
- AC1200 Gigabit WiFi (300 + 867 Mbps)
- Support MU-MIMO

## Interface

- 1 reset button
- 2 x 1000 Mbps Ethernet ports per mesh device
  - 100/1000 Mbps combined WAN/LAN port
  - 100/1000 Mbps LAN port

## Certifications

- FCC, CE, RoHS, EAC and IC

## Hardware

- Realtek RTL8197 + 8812BR + 8363NB
- 16 MB Flash
- 128 MB RAM
- 2.4 GHz: 20.5 dBm, 5 GHz: 19.5 dBm 2 x 3dBi antenna setup

## WiFi Channels

- 1 to 11 for US and Canada
- 1 to 13 Rest of world
- 36 to 48 and 149 to 165 for US and Canada 36 to 48 Rest of world
- DFS: 52 to 64, 100 to 116 and 132 to 144

## Security

- WPA2-PSK(AES)
- SPI, NAT and local DHCP server firewall and gateway

## Key features

- ▶ The freedom to move freely with full coverage in all rooms without losing connection to your wireless network
- ▶ Easy setup with app than can be downloaded at AppStore or Play store.
- ▶ Pre-programmed (Plug & Play) funtion allows all 3 Omni units in the box to seamlessly connect to each other.
- ▶ Free remote control of your home network wherever you are in the world. You have access to all the features of the app as long as the device you are using has an internet connection.

Order no.: Omni Mesh 3pk: 126154  
Omni Mesh 1pk: 127124

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## Prioritization

- WMM, DSCP and 802.1p

## System Requirements

- A mobile device running
- Android 4.0 or newer or iOS 8 or newer.

## Dimensions / Weight

- 100 x 100 x 100mm
- 410g (1 unit) / 2050g (3 pack including packaging)

## Power

- Input: 100-240 V -50/60 Hz, 0.6A
- Output: 12 V DC 1.5 A
- Power plug available: US; EU and Type A

## VPN

- IPsec pass through
- PPTP pass through
- L2TP pass through

## Software Features

- Guest network
- Parental control
- Smart assistant
- Port forwarding
- Online firmware upgrade
- Maintenance setup.

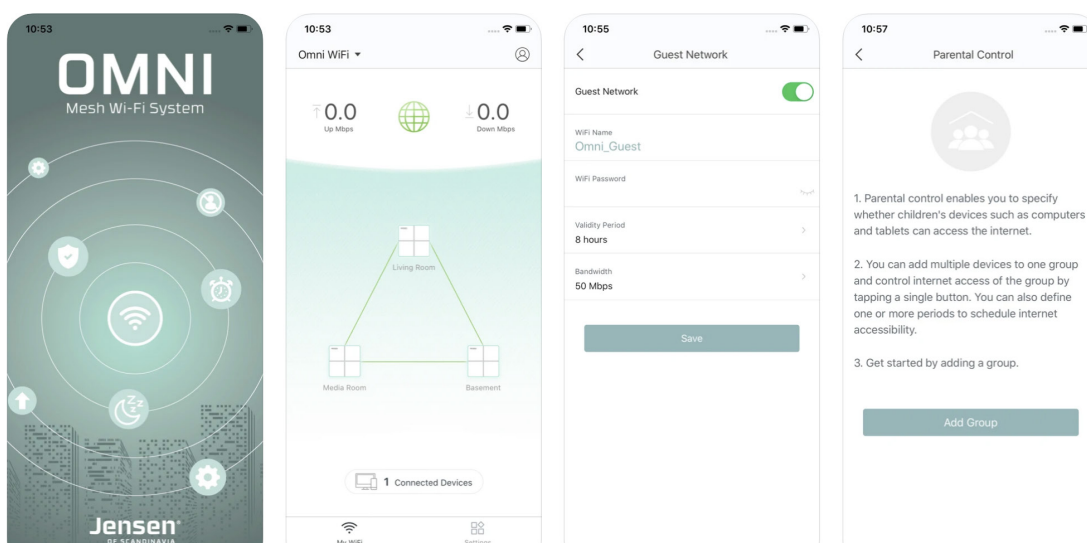
## Temperature / Humidity

### Temperature:

- Operating: 0°C ~ 40°C
- Storage: -40°C ~ 70°C.

### Humidity:

- Operating: 10% ~ 90% RH non-condensing
- Storage: 5% ~ 90% RH non-condensing.



### Omni Wi-Fi app

Set up and manage your home network with an easy-to-use app. Wi-Fi setup, client information, multiple locations support, plug-and-play pairing.