# AC1900 Wi-Fi Range Extender

## Model: ME50G

## // Highlights

- **1900 Mbps Dual Band WiFi** — 1300 Mbps on 5 GHz and 600 Mbps on 2.4 GHz, ideal for 4K streaming and online gaming

- **Eliminate WiFi Dead Zones** — Four Adjustable High-Gain Antennas boost WiFi signal and create a stable Wi-Fi connection

- **Easy One-Touch Setup** — Simply press the WPS button to expand your Wi-Fi coverage in seconds

- **Built-In Access Point Mode** — Connect your wired internet connection to the ME50G via Ethernet cable to turn it into a dual band Wi-Fi access point

- **MERCUSYS App Control** — The app helps you set up in minutes and manage your Wi-Fi at home or away through your iOS or Android devices.

Download on the App Store

GET IT ON Google Play

# // Expand Your Wi-Fi Even Farther

Easily extend your Wi-Fi router's coverage with the ME50G plug-in range extender and eliminate your home's Wi-Fi dead zones once and for all.*

■ Existing Wi-Fi Coverage
■ Extended Wi-Fi Coverage

# // Connections

The ME50G boosts your existing Wi-Fi range and delivers fast wireless speed in hard-to-reach area, providing reliable connections for smartphones, tablets, laptops and other wireless-enabled devices.

Internet

Modem

Wi-Fi Router

Smartphones • Tablets • Laptops

Desktop Computers
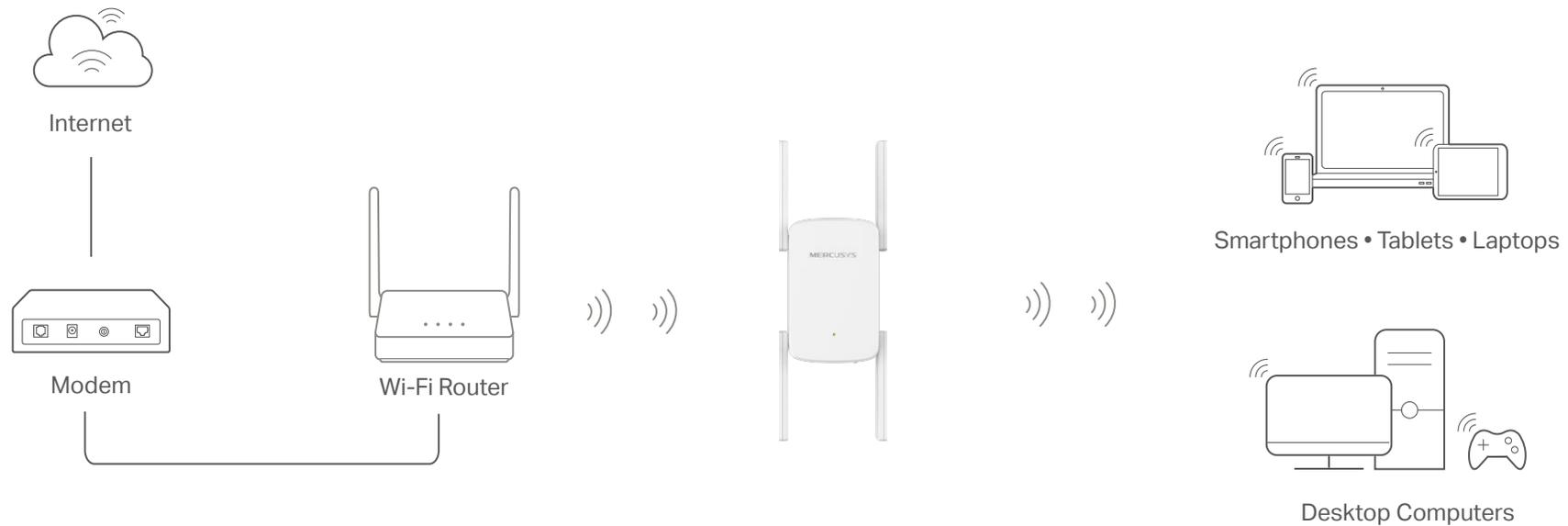
# // Specifications

## Physical Specifications

• **Port:** Gigabit Ethernet Port

• **Button:** RESET/WPS Button

• **Antennas:** 4× External Antennas

• **Power Consumption:** 12 W

• **Dimensions (L x W x H):**

  84.7*80*112 mm (with plug)

  84.7*42.7*112 mm (without plug)

## Wireless Specifications

• Wireless Standards:

IEEE 802.11a/n/ac 5 GHz, IEEE 802.11b/g/n

2.4 GHz

• **Frequency:** 2.4 GHz, 5 GHz

• **Signal Rate:** Up to 1900 Mbps (1300 Mbps

on 5 GHz, 600 Mbps on 2.4 GHz)

• Reception Sensitivity:

5 GHz:

11g 6Mbps:-95.5dBm

11g 54Mbps:-77.5dBm

11n VHT20 MCS8:-71.5dBm

11n VHT40 MCS9:-67dBm

11n VHT80 MCS9:-63dBm

2.4 GHz:

11g 6Mbps:-96dBm

11g 54Mbps:-78dBm

11n VHT20 MCS8:-72dBm

11n VHT40 MCS9:-67.5dBm

• Wireless Security:

  WPA-PSK/WPA2-PSK/WPA3

## Other Specifications

• Certifcation:

  RoHS

• Environment:

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

  Operating Humidity: 10%~90% Non-Condensing

• Package Contents:

  Wi-Fi Range Extender (ME50G)

  Quick Installation Guide