

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.



// 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.



// 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):
4.4* 3.3*1.7 in. (112*84.7*42.7 mm)

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

- Certification:
RoHS
- Environment:
Operating Temperature: 0°C~40°C (32°F~104°F)
Operating Humidity: 10%~90% Non-Condensing
- Package Contents:
Wi-Fi Range Extender (ME50G)
Quick Installation Guide

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*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.