

AX3000 Wi-Fi 6 Range Extender

Model: ME80X

// Highlights

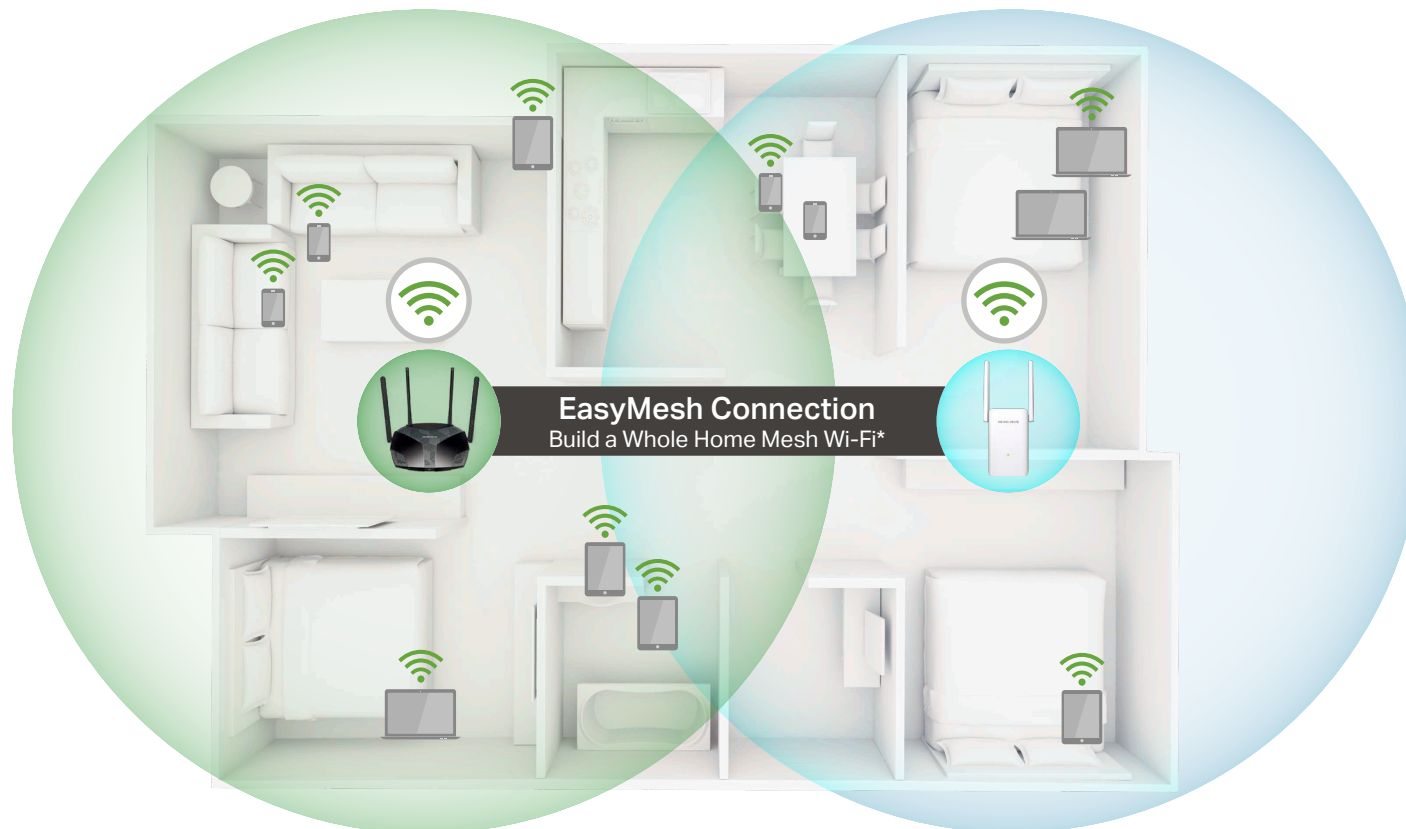
- Faster Wi-Fi 6 Speed
- Built-In Access Point Mode
- Easy One-Touch Set Up
- Eliminates Wi-Fi Dead Zone



// Boost Your Network with Faster Wi-Fi 6

Armed with Wi-Fi 6, ME80X range extender easily expands your Wi-Fi router's coverage, letting you finally eliminate Wi-Fi dead zones from your home.†

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





Faster Wi-Fi 6
Speeds up to 3.0 Gbps[†]



Easy One-Touch Set Up



Eliminates Wi-Fi Dead Zone



Ultra-Low Latency



Gigabit Wired Connection



Works with Any Router[†]

// Specifications

Physical Specifications

- Port: 1 Gigabit Ethernet Port
- Button: RESET/WPS Button
- Antennas: 2 External Antennas
- Power Consumption: 13W
- Dimensions (L x W x H):
138.6 × 100.3 × 68.4 mm (Without Plug)

Wireless Specifications

- Wireless Standards:
IEEE 802.11a/n/ac/ax 5 GHz,
IEEE 802.11b/g/n/ax 2.4 GHz
- Frequency: 2.4 GHz, 5 GHz
- Signal Rate:
574 Mbps at 2.4 GHz,
2402 Mbps at 5 GHz

- Reception Sensitivity:
5 GHz:
11a 6Mbps: -97 dBm
11a 54Mbps: -78 dBm
11ax HE20 MCS0: -96 dBm
11ax HE20 MCS11: -66 dBm
11ax HE40 MCS0: -93 dBm
11ax HE40 MCS11: -62 dBm
11ax HE80 MCS0: -90 dBm
11ax HE80 MCS11: -60 dBm
11ax HE160 MCS11: -58 dBm
2.4 GHz:
11g 6Mbps:-96 dBm
11g 54Mbps:-78 dBm
11ax HE20 MCS0: -96 dBm
11ax HE20 MCS11: -66 dBm
11ax HE40 MCS0: -93dBm
11ax HE40 MCS11: -62dBm
- Wireless Security:
WPA, WPA2, WPA3-PSK

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 (ME80X)
Quick Installation Guide

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2025 MERCUSYS TECHNOLOGIES CO., LTD. All rights reserved.

†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.

‡The product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or is non-standard or outdated.

*EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-compatible function is still being developed on some models and will be supported in subsequent software updates. This product is compatible with standardized EasyMesh technology but has not obtained the Wi-Fi EasyMesh™ certification.