ComX Computers
Product Specification Sheet

MRC-ME80X

Mercusys ME80X AX3000 Wi-Fi 6 Range Extender

Product Overview

Mercusys ME80X AX3000 Wi-Fi 6 Range Extender, 574 Mbps at 2.4GHz, 2402 Mbps at 5GHz, 1x Gigabit Ethernet Port, 2x external antennas











Specifications

Overview Summary:

Enhance your home WiFi with the Mercusys ME80X AX3000 Wi-Fi 6 Range Extender. Designed for South African homes, it delivers up to 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz, ensuring fast, reliable internet across every corner. Easy to set up with one-touch WPS and controllable via the MERCUSYS app, this extender improves network efficiency, speed, and capacity. Buy now to extend your WiFi effortlessly.

With dual high-gain antennas and Gigabit Ethernet, the ME80X ensures seamless connectivity for all devices. Compatible with any router and supporting EasyMesh, it helps create a flexible mesh network for uninterrupted coverage. Shop now and enjoy full-home WiFi in minutes.

Performance tier: High-speed AX3000 Wi-Fi 6

Uses: Extending WiFi coverage, improving network speed, connecting smart devices, supporting gaming and streaming, building home mesh networks

Overview:

Boost Your Home WiFi Coverage with the MERCUSYS ME80X AX3000 Range Extender
Upgrade your home network with the MERCUSYS ME80X AX3000 Wi-Fi 6 range extender, designed to deliver faster speeds, wider coverage, and smoother connectivity. With dual-band Wi-Fi, gigabit wired connections, and smart management via the MERCUSYS app, this range extender ensures reliable performance for streaming, gaming, and remote work. Compatible with any router and supporting EasyMesh technology, it simplifies whole-home WiFi expansion while maintaining seamless connections throughout your space.

Description:

The MERCUSYS ME80X AX3000 Wi-Fi 6 range extender offers dual-band speeds of 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz, supporting high-speed browsing and uninterrupted streaming. Equipped with two adjustable high-gain antennas and a gigabit Ethernet port, it extends coverage to hard-to-reach areas while providing fast wired connections for gaming consoles, PCs, and IPTV. The ME80X supports EasyMesh for seamless mesh networking, works with any router, and features built-in access point mode. Quick setup via the WPS button and full control through the MERCUSYS app make managing your network simple and efficient.

Features:

High-Speed WiFi 6 Performance
The ME80X uses Wi-Fi 6 technology to enhance speed, efficiency, and network capacity. Enjoy:

- Ultra-fast 5 GHz speeds up to 2402 Mbps
- Reliable 2.4 GHz speeds up to 574 Mbps
- Reduced latency for smoother online gaming
- Increased capacity for multiple devices

Expand Your WiFi Anywhere
Extend your existing router's coverage with two high-gain adjustable antennas, reaching areas with weak signals. Compatible with older Wi-Fi standards, it works with all connected devices to ensure reliable connectivity throughout your home.

Seamless Whole-Home Coverage
ME80X supports EasyMesh, allowing you to build a mesh network with one Wi-Fi name and password using other

EasyMesh-enabled devices. Benefits include:

- Flexible WiFi expansion
- Compatibility across different vendors
- Continuous connections without drops

Effortless Setup in Seconds
Setting up your range extender is quick and easy:

1. Press the WPS button on your router and ME80X
2. Move the extender to the optimal location guided by its smart signal indicator

- Multicolor LED helps identify the best position for strong coverage

Versatile Access Point Functionality
ME80X can also function as a dual-band access point by connecting it via Ethernet, giving you flexible network setup options beyond standard range extension.

Manage Your Network from Anywhere
The MERCUSYS app allows you to set up, monitor, and control your network in real time from iOS or Android devices. Key tools include:

- Easy setup and live network monitoring
- Guest network creation
- Device prioritization
- Parental controls for online safety
- Alerts for new device connections

Smart Parental Controls
Protect your family's online experience by managing screen time and content access:

- Create profiles for family members and assign devices
- Set daily internet limits
- Block inappropriate websites
- Pause internet access when needed

Sleek Design and Connectivity Options

- Adjustable high-gain antennas for optimal coverage
- Gigabit Ethernet port for wired devices
- WPS/Reset button for quick setup
- Smart signal indicator for easy placement

Compatible Devices and Global Support
ME80X works with all standard routers and supports multiple firmware versions. The MERCUSYS app is available in 26 languages, making it easy to manage your network from anywhere in the world.

Specifications:

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Specifications	
Product Code	MRC-ME80X
Wireless	

Wireless Standards	IEEE 802.11a/n/ac/ax 5GHz, IEEE 802.11b/g/n/ax 2.4GHz
Frequency	2.4GHz and 5GHz
Signal Rate	574 Mbps at 2.4GHz, 2402 Mbps at 5GHz
Reception Sensitivity	5GHz:
	11a 6Mbps:-97dBm
	11a 54Mbps:-78dBm
	11ax HE20 MCS0: -96dBm
	11ax HE20 MCS11: -66dBm
	11ax HE40 MCS0: -93dBm
	11ax HE40 MCS11: -62dBm
	11ax HE80 MCS0: -90dBm
	11ax HE80 MCS11: -60dBm
	11ax HE160 MCS11: -58dBm
	2.4GHz:
	11g 6Mbps:-96dBm
	11g 54Mbps:-78dBm
	11ax HE20 MCS0: -96dBm
	11ax HE20 MCS11: -66dBm
	11ax HE40 MCS0: -93dBm
	11ax HE40 MCS11: -62dBm
Wireless Security	WEP, WPA, WPA2, WPA3-PSK
Hardware	
Dimensions (W X D X H)	138.6 x 100.3 x 68.4 mm
Interfaces	1 Gigabit Ethernet Port
Button	WPS / Reset Button
Antenna Type	2 x External Antennas
Power Consumption	13W
Others	
Certifications	RoHS

Network Services Enabled by Default	Web Server
	Device configuration and management
	Port: 80/443 , Protocol: HTTP/HTTPS
	DHCP Server
	IP address assignment
	Port: 67 , Protocol: UDP/DHCP
	SSH for APP
	Port: 20001 , Protocol: TCP/ssh
	TMPD for APP
	Manage and configure device through app
	Port: 20001 , Protocol: UDP/tmpd
	TDP Server for APP
	device discovery for app
	Port: 20002 , Protocol: UDP
Package Contents	Wi-Fi Range Extender ME80X
	Quick Installation Guide
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF~104degreesF)
	Operating Humidity: 10%~90% Non-Condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MRC-ME80X-Mercusys-ME80X-AX3000-Wi-Fi-6-Range-Extender-p-333761.php

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