

MERCUSYS[®]

Wi-Fi 6

AX3000

Wi-Fi 6 Travel Router

Model: MR84X-Travel



Ultra-Fast Wi-Fi 6
Speeds up to 3 Gbps[†]

VPN Client and
Server Supported

7-In-1
Multi-Mode

2.5G Multi-Gig
Connectivity

USB 3.0 for 3G/4G/5G
Modem & Tethering^{**}

Pocket-Sized Wi-Fi, Ready for Anywhere

Hotspot Mode

Connect to public Wi-Fi and create your own private network.



USB Tethering Mode

Share mobile data for extended coverage.



USB Modem Mode

Plug in a 3G/4G/5G USB modem to get Wi-Fi anywhere.



Router Mode

Turn a wired connection into a Wi-Fi network.



// Specifications

Hardware

Ports

1× 2.5 Gbps WAN Port + 1× Gigabit LAN Port +
1× USB 3.0

Buttons

WPS/Reset Button
Action Button

Dimensions

108 × 86.8 × 34 mm (4.25 × 3.42 × 1.34 inches)

Antennas

Two external antennas

Wireless

Wireless Speed

2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)[†]

Wireless Standards

Compatible with 11ax/ac/a/b/g/n Wi-Fi standards

Wireless Features

OFDMA, MU-MIMO, 160 MHz Channel,
1024-QAM

Advanced Features

IPv6, Multi-WAN Backup, Multi-WAN Load
Balance, DHCP Server, and Smart Connect

Transmission Power

EIRP ≤ 20dBm (2.4 GHz)
EIRP ≤ 23dBm (5 GHz)

Reception Sensitivity:

2.4G:

11b 1M: -96dBm
11n HT20M MCS7: -73dBm
11n HT40M MCS7: -70dBm

5G:

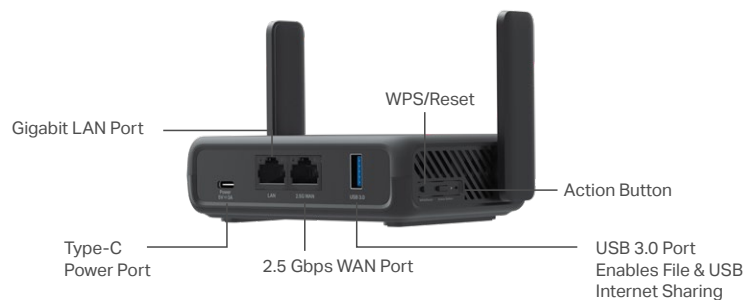
11a 6M: -93dBm
11ax HE20M MCS11: -63dBm
11ax HE40M MCS11: -60dBm
11ax HE80M MCS11: -59dBm

Wireless Function

Enable/Disable Wireless Radio, WMM

Security Features

- Wireless Security: WPA/WPA2/WPA3
- Guest Network Access
- Firewall Protection



// Specifications

Software

Modes

Router / USB Tethering / USB Modem /
Hotspot / AP / RE / Client mode

VPN Support

OpenVPN / WireGuard / PPTP / L2TP

WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

DHCP

Address Reservation, Server, DHCP Client List

NAT Forwarding

Port Forwarding, Port Triggering, UPnP, DMZ

Management

Access Control

Local Management

Remote Management

Firewall Security

SPI Firewall, IP and MAC Address Binding

Guest Network

2.4 GHz Guest Network, 5 GHz Guest Network

Protocols

IPv4, IPv6

Cloud Service

Auto Firmware Upgrade, Mercusys ID, DDNS

DDNS

Mercusys, NO-IP, DynDNS

Quality of Service

QoS by Device

Parental Controls Supported

Others

Package Contents

- AX3000 Wi-Fi 6 Travel Router MR84X-Travel
- Power Adapter
- Quick Installation Guide
- RJ45 Ethernet Cable

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Operating Humidity: 10%~90% Non-Condensing
- Storage Humidity: 5%~90% Non-Condensing



www.mercusys.com

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 ©2026 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, wireless coverage, and number of connected devices 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.

*Please use the provided power adapter to avoid potential damage. Using other adapters may harm the device.

**USB Internet Sharing depends on the compatibility of your 3G/4G/5G USB modem or mobile device and may not work with all devices.

Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.