

MERCUSYS®

2026 Product Guide

Connect Simply. Live Smartly.

Halo Mesh Wi-Fi System | Wi-Fi Routers | Travel Routers | 5G/4G Routers | Mobile Wi-Fi | Range Extenders | Powerline | Adapters | xPON | xDSL | Ethernet Splitters | Home Security | Access Points | Switches

BRAND STORY



About MERCUSYS

MERCUSYS is committed to delivering high-performance, secure, easy-to-use networking and smart home solutions that power every lifestyle. Today, we serve millions of users across more than 90 countries and regions, helping them connect simply and live smartly.

Mission

Empower every connection. Inspire smarter living.

Vision

Bringing the experience of advanced connectivity and smart technology into everyday life—for everyone.

History

2015 — MERCUSYS entered the global market

2017 — Portfolio expanded to routers, extenders, adapters, and xDSL

2019 — Expanded to over 60 countries worldwide

2022 — Achieved 10× sales growth in 5 years

2023 — One of the industry's first to launch Wi-Fi 7 products

2025 — Entered the Consumer Electronics and Enterprise Networking markets

Globalization

90+
Countries and Regions

30+
Global Branches

20
Call Centers

230+
Online Stores

35,000+
Retail Locations

50M+
Homes Connected



CONTENTS



Halo Mesh Wi-Fi System 01
Halo Mesh Wi-Fi 7 System 03
Halo Mesh Wi-Fi 6 System 05
Halo Mesh Wi-Fi 5 System 06



Wi-Fi Routers 09
Wi-Fi 7 Routers 10
Wi-Fi 6 Routers 13
Wi-Fi 5 Routers 15
Wi-Fi 4 Routers 16



Travel Routers 21
Travel Routers 22



5G/4G Routers 23
5G Indoor Routers 26
4G+ Indoor Routers 27
4G Indoor Routers 28
4G Outdoor Routers 29



Mobile Wi-Fi 33
Mobile Wi-Fi 34



Range Extenders 37
Wi-Fi 7 Range Extenders 38
Wi-Fi 6 Range Extenders 40
Wi-Fi 5 Range Extenders 41
Wi-Fi 4 Range Extenders 42



Powerline 44
HomePlug AV2 Powerline Adapters 45



Adapters 49
High-Gain Wireless USB Adapters 50
Wireless USB Adapters 52
Bluetooth USB Adapters 53
Wireless PCIe Adapters 54
Wired PCIe Adapters 56



xPON 61



xDSL 63



Ethernet Splitters 64



Home Security 65
Smart Cameras 68
Smart Video Doorbell 69

Access Points 70



Switches 73
Ethernet Switches 74
PoE Switches 76

Wi-Fi 7

Key Technology 80
Wi-Fi 7 81
EasyMesh 82
VPN 83
MERCUSYS App 84
Agile Solution 85



Halo Mesh Wi-Fi System

Halo works as a unified system to guarantee a strong Wi-Fi signal in every corner of your home, providing an incredibly fast and stable network experience.

/03 Halo Mesh Wi-Fi 7 System

/05 Halo Mesh Wi-Fi 6 System

/06 Halo Mesh Wi-Fi 5 System



Halo Whole Home Mesh Wi-Fi Solution

Halo Mesh Wi-Fi 7 System

Take Your Whole Home Wi-Fi to the Next Level

BE9300 Whole Home Mesh Wi-Fi 7 System

Halo E47BE



Do you often encounter the following network problems?



No signal in the bathroom or basement?



Video calls drop when you switch rooms?

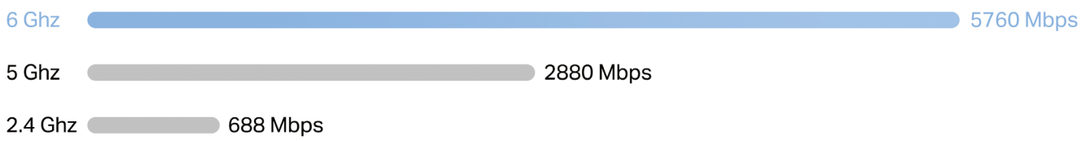


Flawless 4K movies in the living room, but stuttering in the bedroom?

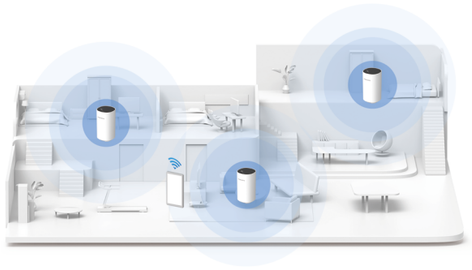
9.3 Gbps Tri-Band Wi-Fi 7

Enjoy ultra-smooth 8K streaming, VR/AR, video calls, gaming, and high-speed downloads.





Let MERCUSYS Halo Mesh help!

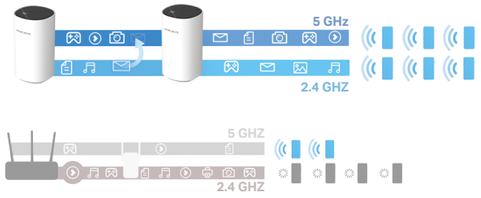


Wi-Fi Dead Zone Killer

Each Halo unit works together to blanket your home in strong Wi-Fi — even in bathrooms, basements, and garages. Need more coverage? Just add another Halo.

Always Stay Connected

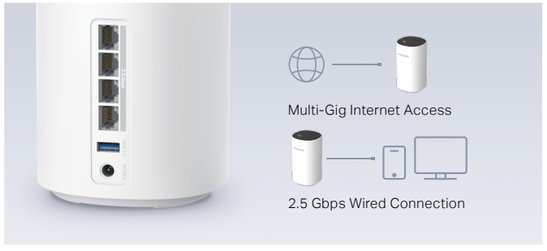
Devices switch seamlessly between nodes under one SSID, so you stay online while moving around. If a node fails or overloads, the system auto-reroutes to keep your connection stable.





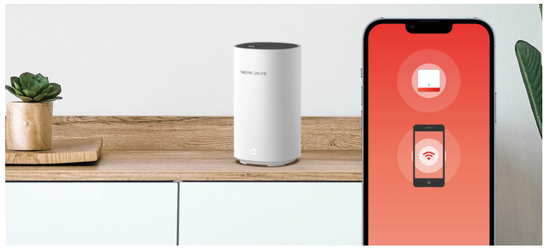
Top Speed, All the Time

Halo's smart tech picks the fastest path and best band for your devices—perfect for smooth gaming and 4K streaming with no interruptions.



2.5 Gbps Multi-Gig Ports

4× 2.5 Gbps WAN/LAN ports unlock full broadband speed and support high-speed wired connections like NAS.



Simple Setup & Control

Use the app to set up your main Halo. Power on the extra unit, and it'll connect automatically.

Connect 200+ Devices

Halo E47BE handles 200+ devices with smooth, efficient performance without any slowdowns.





Halo Mesh Wi-Fi 7 System

Cover Your Entire Home with Wi-Fi 7

BE5000 Whole Home Mesh Wi-Fi 7 System

Halo E33BE



Halo Mesh Wi-Fi 6 System

Seamless Coverage, Everywhere You Go

AX3000 Whole Home Mesh Wi-Fi 6 System

Halo E85X



Halo E33BE

BE5000 Whole Home Mesh Wi-Fi 7 System

- **Dual-Band Wi-Fi 7**
  4324 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  2× 2.5 Gbps WAN/LAN ports + 1× 1 Gbps WAN/LAN port
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 200 devices**



Halo E27BE

BE3600 Whole Home Mesh Wi-Fi 7 System

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN/LAN port + 2× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 200 devices**



Halo E85X

AX3000 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN/LAN port + 2× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo E80X

AX3000 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H47BE

BE9300 Whole Home Mesh Wi-Fi 7 System

- **Tri-Band Wi-Fi 7**
  5764 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **320 MHz Bandwidth**
- **2.5 Gbps Multi-Gig Ports**
  3× 2.5 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 8,000 ft² / 740 m² (3-pack)
- **Connects over 200 devices**



Halo H37BE

BE6500 Whole Home Mesh Wi-Fi 7 System

- **Dual-Band Wi-Fi 7**
  5760 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  2× 2.5 Gbps WAN/LAN ports + 1× 1 Gbps WAN/LAN port
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 200 devices**



Halo E60X

AX1500 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H85X

AX3000 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  Router: 1× 2.5 Gbps WAN/LAN port + 2× 1 Gbps WAN/LAN ports
  Satellite: 3× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H27BE

BE3600 Whole Home Mesh Wi-Fi 7 System

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN/LAN ports + 2× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H25BE

BE3600 Whole Home Mesh Wi-Fi 7 System

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H80X

AX3000 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps WAN/LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 7,000 ft² / 650 m² (3-pack)
- **Connects over 150 devices**



Halo H60X

AX1500 Whole Home Mesh Wi-Fi 6 System

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  Router: 3× 1 Gbps WAN/LAN ports
  Satellite: 2× 1 Gbps LAN ports
- **Whole Home Coverage**
  Seamless coverage up to 6,000 ft² / 550 m² (3-pack)
- **Connects over 150 devices**

Halo Mesh Wi-Fi 5 System

Create Whole Home Mesh Wi-Fi with Halo

AC1900 Whole Home Mesh Wi-Fi 5 System

Halo H50G





Halo H50G

AC1900 Whole Home Mesh Wi-Fi 5 System

Dual-Band Wi-Fi
1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)

Full Gigabit Ports
3× 1 Gbps WAN/LAN ports

Whole Home Coverage
Seamless coverage up to 6,000 ft² / 550 m² (3-pack)

Connects over 100 devices



Halo H30G

AC1300 Whole Home Mesh Wi-Fi 5 System

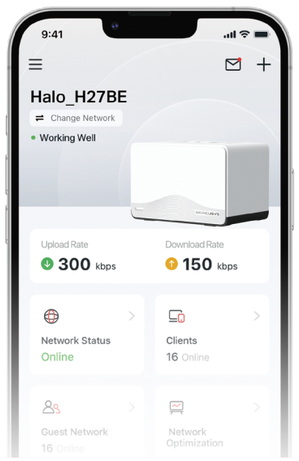
Dual-Band Wi-Fi
867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Full Gigabit Ports
2× 1 Gbps WAN/LAN ports

Whole Home Coverage
Seamless coverage up to 3,500 ft² / 320 m² (3-pack)

Connects over 100 devices

Halo Mesh Software Features



MERCUSYS App
Set up in minutes and manage your Wi-Fi anytime via iOS or Android.

VPN Support
Encrypted traffic between nodes keeps your data private—even on public networks.

QoS (Quality of Service)
Prioritize select devices to perform better.

Parental Controls
Set access control and time limits to better manage your family's online habits.

Monthly Reports
Understand your network better with comprehensive records.

WPA3 Security
Provides powerful protection for your home network.

The Halo E series and H series can work together in one mesh network.

*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.

**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.

***Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features including MLO, 320 MHz Bandwidth, 4K-QAM, Multi-RU, OFDMA, and MU-MIMO requires clients to also support the corresponding features.

Choose the Right Halo Mesh System for Your Home

		Wi-Fi 7						
Appearance								
Model		Halo E47BE	Halo E33BE	Halo E27BE	Halo H47BE	Halo H37BE	Halo H27BE	Halo H25BE
Wi-Fi Class		BE9300	BE5000	BE3600	BE9300	BE6500	BE3600	BE3600
Packs		3-pack/2-pack	3-pack/2-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack	3-pack/2-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack
Hardware	Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas
	Button	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset
	Ports	4× 2.5 Gbps WAN/ LAN Ports 1× USB 3.0	2× 2.5 Gbps WAN/ LAN ports + 1× 1 Gbps WAN/LAN port	1× 2.5 Gbps WAN/ LAN port + 2× 1 Gbps WAN/ LAN ports	3× 2.5 Gbps WAN/LAN ports	2× 2.5 Gbps WAN/ LAN ports + 1× 1 Gbps WAN/LAN port	1× 2.5 Gbps WAN/ LAN port + 2× 1 Gbps WAN/LAN ports	3× 1 Gbps WAN/LAN ports
Wi-Fi Features	Speed	5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	4324 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	5760 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
	Wi-Fi Coverage	8,000 ft² / 740 m² (3-pack) 6,500 ft² / 600 m² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)	8,000 ft² / 740 m² (3-pack) 6,500 ft² / 600 m² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)
	Device Capacity	200	200	200	200	200	150	150
	OFDMA	√	√	√	√	√	√	√
	4K-QAM	√	√	√	√	√	√	√
	EHT320	√	-	-	√	-	-	-
	MLO	√	√	√	√	√	√	√
	MU-MIMO	√	√	√	√	√	-	-
	Self-Healing	√	√	√	√	√	√	√
	Beamforming	√	√	√	√	√	√	√
	AP Steering	√	√	√	√	√	√	√
	Band Steering	√	√	√	√	√	√	√
Software	Ethernet Backhaul	√	√	√	√	√	√	√
	VPN	√	√	√	√	√	√	√
	IPTV	√	√	√	√	√	√	√
	IPv6	√	√	√	√	√	√	√
	AP Mode	√	√	√	√	√	√	√
	Parental Controls	√	√	√	√	√	√	√
	Guest Network	√	√	√	√	√	√	√
	Device Management	√	√	√	√	√	√	√
	App	√	√	√	√	√	√	√
	TR-069	√	√	√	√	√	√	√
	Agile Config (ISP Preset)	√	√	√	√	√	√	√

Choose the Right Halo Mesh System for Your Home

		Wi-Fi 6						Wi-Fi 5	
Appearance									
Model		Halo E85X	Halo E80X	Halo E60X	Halo H85X	Halo H80X	Halo H60X	Halo H50G	Halo H30G
Wi-Fi Class		AX3000	AX3000	AX1500	AX3000	AX3000	AX1500	AC1900	AC1300
Packs		3-pack/2-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack	3-pack/2-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack/ 1-pack	3-pack/2-pack/ 1-pack
Hardware	Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas
	Button	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset
	Ports	1× 2.5 Gbps WAN/ LAN Port + 2× 1 Gbps WAN/LAN Ports	3× 1 Gbps WAN/ LAN ports	3× 1 Gbps WAN/ LAN ports	Router: 1× 2.5 Gbps WAN/ LAN port + 2× 1 Gbps WAN/LAN ports Satellite: 3× 1 Gbps WAN/ LAN ports	3× 1 Gbps WAN/ LAN ports	Router: 3× 1 Gbps WAN/LAN ports Satellite: 2× 1 Gbps LAN ports	3× 1 Gbps WAN/ LAN ports	2× 1 Gbps WAN/ LAN ports
Wi-Fi Features	Speed	2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)	2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)	1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)	867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)
	Wi-Fi Coverage	7,000 ft^2 / 650 m^2 (3-pack) 5,000 ft^2 / 460 m^2 (2-pack)	7,000 ft^2 / 650 m^2 (3-pack) 5,000 ft^2 / 460 m^2 (2-pack)	7,000 ft^2 / 650 m^2 (3-pack) 5,000 ft^2 / 460 m^2 (2-pack)	7,000 ft^2 / 650 m^2 (3-pack) 5,000 ft^2 / 460 m^2 (2-pack)	7,000 ft^2 / 650 m^2 (3-pack) 5,000 ft^2 / 460 m^2 (2-pack)	6,000 ft^2 / 550 m^2 (3-pack) 4,000 ft^2 / 350 m^2 (2-pack)	6,000 ft^2 / 550 m^2 (3-pack) 4,000 ft^2 / 350 m^2 (2-pack)	3,500 ft^2 / 320 m^2 (3-pack) 2,800 ft^2 / 260 m^2 (2-pack)
	Device Capacity	150	150	150	150	150	150	100	100
	OFDMA	√	√	√	√	√	√	-	-
	1024-QAM	√	√	√	√	√	√	-	-
	MU-MIMO	√	√	√	√	√	√	√	√
	Self-Healing	√	√	√	√	√	√	√	√
	Beamforming	√	√	√	√	√	√	√	√
	AP Steering	√	√	√	√	√	√	√	√
	Band Steering	√	√	√	√	√	√	√	√
Software	Ethernet Backhaul	√	√	√	√	√	√	√	√
	VPN	√	√	√	√	√	√	-	-
	IPTV	√	√	√	√	√	√	√	√
	IPv6	√	√	√	√	√	√	√	√
	AP Mode	√	√	√	√	√	√	√	√
	Parental Controls	√	√	√	√	√	√	√	√
	Guest Network	√	√	√	√	√	√	√	√
	Device Management	√	√	√	√	√	√	√	√
	App	√	√	√	√	√	√	√	√
	TR-069	√	√	√	√	√	√	√	√
	Agile Config (ISP Preset)	√	√	√	√	√	√	√	√



Wi-Fi Routers

Reliable, secure Wi-Fi for every home.
MERCUSYS routers deliver fast, stable connections with easy app-based setup and intuitive controls.
Choose from a range of models designed for seamless management and family-friendly features.

/10 Wi-Fi 7 Routers

/13 Wi-Fi 6 Routers

/15 Wi-Fi 5 Routers

/16 Wi-Fi 4 Routers

Beyond Wireless. Beyond Limits.

BE18000 Tri-Band Wi-Fi 7 Router

MR75BE



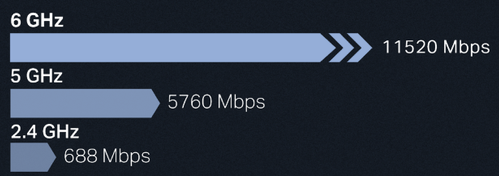
Wi-Fi 7 Brings Your Network to a Next Level

- New 6 GHz Band for Faster Speeds
- Double the Channel Width and Speeds
- Packs 20% More Data than Wi-Fi 6
- 4× Lower Latency[Δ]
- Multi-RUs
- Multi-Link Operation

BE18000—Break the Limits of Wi-Fi

MR75BE delivers BE18000 performance and brings you the 6 GHz band with Wi-Fi 7—faster, cleaner, and interference-free. Enjoy smoother streaming and more stable connections in busy device environments.

BE18000 Tri-Band Speeds

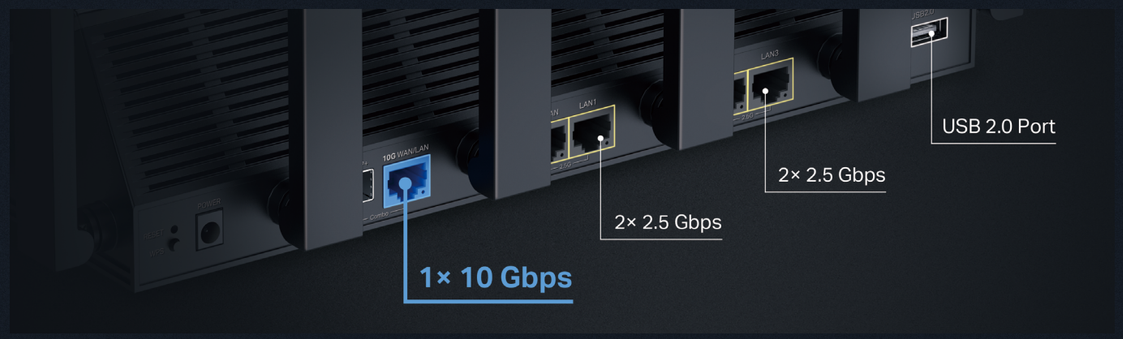


Multi-Link Operation(MLO)



10G Wired—Break the Bottleneck of Bandwidth

MR75BE features a 10 Gbps WAN/LAN RJ45/SFP+ combo port, plus 1× 2.5G WAN/LAN and 3× 2.5G LAN ports for ultra-fast wired connections. Perfect for 8K streaming, large file transfers, and high-speed gaming.



[Δ]4× Lower Latency refers to the latency improvement of Wi-Fi 7 routers compared to Wi-Fi 6/6E routers, based on laboratory test data.

Explore More Scenarios with Core Technology

MR75BE's core technology enhances everyday moments, delivering real-world performance to every corner of life.



EasyMesh Coverage

Roam freely from room to room with EasyMesh ensuring stable Wi-Fi even on the stairs or in nooks.



AI QoS Intelligent Traffic Control

Whether streaming, gaming, or joining a video call, AI QoS automatically prioritizes what matters to keep everything running smoothly.



Encrypted and Reliable VPN

Connect securely to your home or office network from anywhere with built-in VPN encryption for peace of mind.



Parental Controls

Set time, content, and app limits to create a healthy and balanced online environment for kids.

Wi-Fi 7 (802.11 be) Routers

Discover a New World of Home Networking

BE9300 Tri-Band Wi-Fi 7 Router

MR47BE



Wi-Fi 6 (802.11 ax) Routers

Wi-Fi 6 Made Faster and Smarter

AX3000 Dual-Band Wi-Fi 6 Router

MR81WX





Wi-Fi 7 EasyMesh

MR47BE

BE9300 Tri-Band Wi-Fi 7 Router

- **Tri-Band Wi-Fi 7**
  5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN port + 3× 2.5 Gbps LAN ports
- **Stronger Signals**
  6× Omnidirectional antennas



Wi-Fi 7 EasyMesh

MR37BE

BE6500 Dual-Band Wi-Fi 7 Router

- **Dual-Band Wi-Fi 7**
  5760 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN port + 1× 2.5 Gbps LAN port+ 2× 1 Gbps LAN ports
- **Stronger Signals**
  6× Omnidirectional antennas



Wi-Fi 7 EasyMesh

MR35BE

BE6400 Dual-Band Wi-Fi 7 Router

- **Dual-Band Wi-Fi 7**
  5760 Mbps (5 GHz) + 574 Mbps (2.4GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN port + 1× 2.5 Gbps LAN port+ 3× 1 Gbps LAN ports
- **Stronger Signals**
  6× Omnidirectional antennas



Wi-Fi 7 EasyMesh

MR27BE

BE3600 Dual-Band Wi-Fi 7 Router

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN port + 1× 2.5 Gbps LAN port + 3× 1 Gbps LAN ports
- **Stronger Signals**
  4× Omnidirectional antennas



Wi-Fi 7 EasyMesh

MR25BE

BE3600 Dual-Band Wi-Fi 7 Router

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN port + 4× 1 Gbps LAN ports
- **Stronger Signals**
  4× Omnidirectional antennas



Wi-Fi 7 EasyMesh

MR25WBE

BE3600 Dual-Band Wi-Fi 7 Router

- **Dual-Band Wi-Fi 7**
  2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN port + 4× 1 Gbps LAN ports
- **Stronger Signals**
  4× Omnidirectional antennas

Wi-Fi 7 Features

- **4K-QAM**
  Packs 20% More Data than Wi-Fi 6
- **Lower Latency**
  4× Lower than Wi-Fi 6 Without Buffering
- **Multi-Link Operation**
  More Connections and Faster Speeds

- **WPA3 Security:** Provides powerful overall protection for your home network.
- **Smart Connect:** Intelligently chooses the best available band for each device.
- **Access Point Mode:** Extends a wired network and makes it wireless.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.



Wi-Fi 6 EasyMesh

MR85X

AX3000 Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps port + 3× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas



Wi-Fi 6 EasyMesh

MR81WX

AX3000 Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  5× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas



Wi-Fi 6 EasyMesh

MR80X

AX3000 Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas

- **4× More Capacity:** OFDMA and MU-MIMO allow simultaneous data transmissions to and from several devices, improving overall network efficiency.
- **WPA3 Security:** Provides powerful overall protection for your home network.
- **Target Wake Time (TWT):** Reduces power consumption for your mobile and IoT devices during data transmissions.
- **BSS Color:** Marks frames from neighboring networks to increase efficiency.
- **Smart Connect:** Intelligently chooses the best available band for each device.
- **Access Point Mode:** Extends a wired network and makes it wireless.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.

Wi-Fi 6 (802.11 ax) Routers



Faster. Broader. Unstoppable.

AX2700 Dual-Band Wi-Fi 6 Router

MR78X

MR78X

AX2700 Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas

MR70X

AX1800 Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas

MR62X

AX1500 Dual-Band WiFi 6 Router

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas

MR60X

AX1500 Dual-Band WiFi 6 Router

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports
- **Stronger Signals**
  4× Omnidirectional antennas

MR69X-HP

AX1500 High Power Dual-Band Wi-Fi 6 Router

- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports
- **Stronger Signals**
  4× 7dBi antennas

- **4× More Capacity:** OFDMA and MU-MIMO allow simultaneous data transmissions to and from several devices, improving overall network efficiency.
- **WPA3 Security:** Provides powerful overall protection for your home network.
- **Target Wake Time (TWT):** Reduces power consumption for your mobile and IoT devices during data transmissions.
- **BSS Color:** Marks frames from neighboring networks to increase efficiency.
- **Smart Connect:** Intelligently chooses the best available band for each device.
- **Access Point Mode:** Extends a wired network and makes it wireless.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.

Wi-Fi 5 (802.11 ac) Routers



Go Faster, Connect More

AC1300 Dual-Band Wi-Fi 5 Router

AC12G

MR50G

AC1900 Wireless Dual-Band Gigabit Router

- **Dual-Band Wi-Fi**
  1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps ports

MR30G

AC1200 Wireless Dual-Band Gigabit Router

- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  3× 1 Gbps ports

AC12G

AC1300 Wireless Dual-Band Gigabit Router

- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  4× 1 Gbps ports

AC12

AC1200 Wireless Dual-Band Router

- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  4× 10/100 Mbps ports

AC10

AC1200 Wireless Dual-Band Router

- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  3× 10/100 Mbps ports

MR39-HP

AC1200 High-Power Wireless Dual-Band Router

- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  4× 10/100 Mbps ports
- **Stronger Signals**
  4× 7dBi antennas

MR20

AC750 Wireless Dual-Band Router

- **Dual-Band Wi-Fi**
  433 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  3× 10/100 Mbps ports

- **Easy Installation:** Our intuitive webpage guides you through the setup process in minutes.
- **Smart Connect:** Intelligently chooses the best available band for each device.
- **Access Point Mode:** Extends a wired network and makes it wireless.
- **IPTV Supported:** Supports IGMP Proxy/Snooping, Bridge, and Tag VLAN to optimize IPTV streaming.
- **IPv6 Supported:** Allows you to both enjoy the IPv6 services provided by your ISP and visit IPv6 websites.
- **ISP Preset:** Provides ISPs with Agile Config Tools to customize the default settings of devices one at a time or in batches.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.

Wi-Fi 4 (802.11 n) Routers

Powerful Wi-Fi in the Palm of Your Hand

300 Mbps Wireless N Router

MW325R





MW330HP
300 Mbps High-Power Wireless N Router

Strong Signals
3× 7dBi antennas

Fast Ethernet Ports
4× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode



MW325R
300 Mbps Enhanced Wireless N Router

Strong Signals
4× High-gain antennas

Fast Ethernet Ports
4× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode



MW306R
300 Mbps Multi-Mode Wireless N Router

Strong Signals
3× High-gain antennas

Fast Ethernet Ports
4× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode



MW305R
300 Mbps Wireless N Router

Strong Signals
3× High-gain antennas

Fast Ethernet Ports
4× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode



MW302R
300 Mbps Multi-Mode Wireless N Router

Strong Signals
2× High-gain antennas

Fast Ethernet Ports
3× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode



MW301R
300 Mbps Wireless N Router

Strong Signals
2× High-gain antennas

Fast Ethernet Ports
3× 10/100 Mbps ports

Multi-Mode
Router/Access Point/Range Extender/WISP Mode

- **N300 Wi-Fi:** Provides Wireless N speeds up to 300 Mbps.
- **Advanced Security:** WPA/WPA2 encryption creates an active defense against security threats and intruders.
- **ISP Preset:** Provides ISPs with Agile Config Tools to customize the default settings of devices one at a time or in batches.

Choose Your Wi-Fi 7 Router

		Wi-Fi 7						
								
Model		**MR75BE**	**MR47BE**	**MR37BE**	**MR35BE**	**MR27BE**	**MR25BE**	**MR25WBE**
Wi-Fi	**Wi-Fi Class**	BE18000	BE9300	BE6500	BE6400	BE3600	BE3600	BE3600
	6 GHz Wi-Fi	11520 Mbps	5760 Mbps	-	-	-	-	-
	5 GHz Wi-Fi	5760 Mbps	2880 Mbps	5760 Mbps	5760 Mbps	2880 Mbps	2880 Mbps	2880 Mbps
	2.4 GHz Wi-Fi	688 Mbps	688 Mbps	688 Mbps	574 Mbps	688 Mbps	688 Mbps	688 Mbps
Software Features	**Ports**	1× 10 Gbps(RJ45/SFP+Combo) + 4× 2.5 Gbps + USB 2.0	4× 2.5 Gbps	2× 2.5 Gbps + 2× 1 Gbps	2× 2.5 Gbps + 3× 1 Gbps	2× 2.5 Gbps + 3× 1 Gbps	4× 1 Gbps (V1) 5× 1 Gbps (V2/V3)	4× 1 Gbps (V1) 5× 1 Gbps (V2/V3)
	EasyMesh-Compatible	√	√	√	√	√	√	√
	VPN Server	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard
	VPN Client	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard
	IoT Network	√	√	√	√	√	√	√
	Superadmin-Compatible	√	√	√	√	√	√	√
	Parental Controls	√	√	√	√	√	√	√
	MERCUSYS App	√	√	√	√	√	√	√
	ISP Preset	√	√	√	√	√	√	√
	TR-069	√	√	√	√	√	√	√

Choose Your Wi-Fi 6 Router

	Wi-Fi 6							
								
Model	**MR85X**	**MR81WX**	**MR80X**	**MR78X**	**MR70X**	**MR62X**	**MR60X**	**MR69X-HP**
Wi-Fi Class	AX3000	AX3000	AX3000	AX2700	AX1800	AX1500	AX1500	AX1500
Wi-Fi (2.4 GHz)	574 Mbps	574 Mbps	574 Mbps	300 Mbps	574 Mbps	300 Mbps	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	2402 Mbps	2402 Mbps	2402 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	1201 Mbps	1201 Mbps
Ethernet Ports	1× 2.5 Gbps + 3× 1 Gbps	5× 1 Gbps	4× 1 Gbps	4× 1 Gbps	4× 1 Gbps	3× 1Gbps	4× 1 Gbps	4× 1 Gbps
Antennas	4× 5 dBi	4× 5 dBi	4× 5 dBi	4× 5 dBi	4× 5 dBi	4× 5 dBi	4× 5 dBi	4× 7 dBi
EasyMesh	√	√	√	√	√	√	√	√
VPN Server	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP WireGuard	OpenVPN PPTP WireGuard	-
VPN Client	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP L2TP WireGuard	OpenVPN PPTP WireGuard	OpenVPN PPTP WireGuard	-
QoS	√	√	√	√	√	√	√	√
Guest Network	√	√	√	√	√	√	√	√
Parental Controls	√	√	√	√	√	√	√	√
Multi-Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode
ISP Preset	√	√	√	√	√	√	√	√
TR-069	√	√	√	√	√	√	√	√
Superadmin	√	√	√	√	√	√	√	√

Choose Your Wi-Fi 5 Router

	Wi-Fi 5						
							
Model	**MR50G**	**AC12G**	**MR30G**	**MR39-HP**	**AC12**	**AC10**	**MR20**
Wi-Fi Class	AC1900	AC1300	AC1200	AC1200	AC1200	AC1200	AC750
Wi-Fi (2.4 GHz)	600 Mbps	400 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	1300 Mbps	867 Mbps	867 Mbps	867 Mbps	867 Mbps	867 Mbps	433 Mbps
Ethernet Ports	3× 1 Gbps	4× 1 Gbps	3× 1 Gbps	4× 10/100 Mbps	4× 10/100 Mbps	3× 10/100 Mbps	3× 10/100 Mbps
Antennas	6× 5 dBi	4× 5 dBi	4× 5 dBi	4× 7 dBi	4× 5 dBi	4× 5 dBi	2× 5 dBi
EasyMesh	√	√	√	-	-	-	-
QoS	√	√	√	√	√	√	√
Guest Network	√	√	√	√	√	√	√
Parental Controls	√	√	√	√	√	√	√
Multi-Mode (Router/AP/RE/ WISP Mode)	AP Mode	AP Mode	AP Mode	AP/RE Mode	AP/RE Mode	AP/RE Mode	AP/RE Mode
ISP Preset	√	√	√	√	√	√	√
TR-069	√	√	√	-	-	-	-
Superadmin	√	√	√	-	-	-	-

Choose Your Wi-Fi 4 Router

	Wi-Fi 4					
						
Model	**MW330HP**	**MW325R**	**MW306R**	**MW305R**	**MW302R**	**MW301R**
Version	1.20	3.20	1.20	3.0/3.30	1.20	3.2/3.30
Wi-Fi Class	N300	N300	N300	N300	N300	N300
Wi-Fi (2.4 GHz)	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Ethernet Ports	4× 10/100 Mbps	4× 10/100 Mbps	4× 10/100 Mbps	4× 10/100 Mbps	3× 10/100 Mbps	3× 10/100 Mbps
Antennas	3× 7 dBi	4× 5 dBi	3× 5 dBi	3× 5 dBi	2× 5 dBi	2× 5 dBi
WPS Button	√	-	√	√	-	-
MU-MIMO	-	-	-	-	-	-
Beamforming	-	-	-	-	-	-
Smart Connect	-	-	-	-	-	-
IPTV	√	√	√	√	√	√
IPv6	√	√	√	√	√	√
Guest Network	√	√	√	√	√	√
Parental Controls	√	√	√	√	√	√
Multi-Mode (Router/AP/RE/ WISP Mode)	√	√	√	V3.30 support	√	V3.30 support
App Support	√	√	√	√	√	√
ISP Preset	√	√	√	√	√	√
TR-069	-	-	-	-	-	-



Travel Routers

Compact and portable, perfect for life on the go.
Stay secure with built-in VPN encryption.
Multiple modes ensure stable connections in airports, hotels, cafés, and more.

/22 Travel Routers

Travel Routers



Pocket-Sized Wi-Fi for the Road

AX3000 Wi-Fi 6 Travel Router

MR84X-Travel

Private Wi-Fi Anywhere

MR84X-Travel supports Router/AP/Hotspot/Client/3G & 4G Modem modes, turning hotel rooms, vehicles, or public hotspots into secure private networks. Captive portal support ensures smooth access.

Traveling

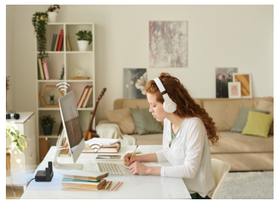


Hotspot Mode



3G/4G Modem Mode

At Home



Router Mode



Access Point Mode

Secure Surfing with Built-In VPN

Supports OpenVPN, WireGuard, PPTP, and L2TP protocols. Stay encrypted 24/7 on public Wi-Fi or while working remotely. Use VPN and regular internet simultaneously for flexible, secure access.





Wi-Fi 6 for Travel

Powered by Wi-Fi 6, MR84X-Travel delivers faster speeds, wider coverage, and higher capacity—wherever you are.

Access & Share Files Anywhere

Plug in an external USB drive to share files easily across all connected devices.



MR84X-Travel

AX3000 Wi-Fi 6 Travel Router

AX3000 Dual-Band Wi-Fi 6

2402 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

2.5G Multi-Gig Connectivity

1× 2.5 Gbps WAN port +
1× 1 Gbps LAN port

VPN Client and Server Supported

WireGuard, OpenVPN, L2TP, PPTP, Kill Switch

USB Port

Multifunctional USB 3.0 port



5G/4G Routers

Enjoy flexible wireless access with MERCUSYS 5G/4G routers.
Just insert a SIM card—no setup needed.
Tested for compatibility in 100+ countries.
Easily convert a 5G/4G signal into Wi-Fi and share it with family, friends, or colleagues.

/26 5G Indoor Routers

/27 4G+ Indoor Routers

/28 4G Indoor Routers

/29 4G Outdoor Routers



Wi-Fi Pain Points



Remote areas lack stable wired internet or reliable Wi-Fi.



High expense and long contract periods for traditional broadband.



Ethernet network installation takes a long time and requires additional activation fees.

What Can You Expect from a 5G/4G Router?



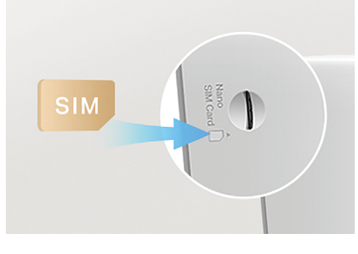
Wide Compatibility

Works with major mobile networks in over 100 countries—perfect for travel or remote use.



Cost-Effective

Skip the broadband. Just insert a SIM card and use your mobile data plan.



Hassle-Free Setup

No wiring, no installation. Plug in a nano SIM and power on.

[†]SIM card sold separately. This device requires an activated SIM card without a PIN lock.

Perfect for Indoor Use



Powerful Capacity Covers Every Indoor Wireless Device

Connect a remarkable number of wireless devices—phones, tablets, laptops, and more—with smooth, reliable performance.



The Best Partner for Your Favorite Wired Devices

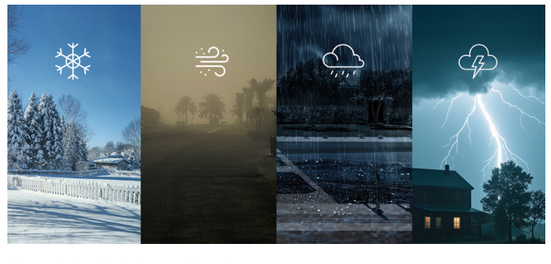
Equipped with WAN/LAN ports, MERCUSYS 5G/4G routers also support wired access for uninterrupted connectivity.

Ideal for Outdoor Connectivity



Reliable Wi-Fi for Any Outdoor Space

Perfect for gardens, patios, cafés, events, and more—stay connected everywhere outdoors.



Durable Outdoor Enclosure

Enjoy robust outdoor connectivity and reliability with IP65 weatherproof protection and ±6kV lightning & ±15kV ESD protection.[‡]

[‡]This feature is for outdoor models only.





5G Cellular Networks - Pioneering the Next Wave of Innovation

With massive MIMO, optimized OFDM, and more, 5G technology delivers higher multi-Gig peak data speeds, ultra-low latency, more reliability, and increased network capacity than 4G.

What Can You Get with 5G Technology?

Incredible Speeds up to 20 Gbps*

133×

5G download speeds vs. 4G Cat4



Download a HD movie in seconds

Lower latency, down to 1ms

50×

5G gaming latency vs. 4G



Play games faster than others

Denser Connections

1000%

Devices supported per km²



Maintaining stable connections despite rising demand

Recommended Models



MB525-5G

5G AX3000 Wireless Dual-Band Router

- **Superior 5G**
  Download speeds up to 6.47 Gbps
- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) +
  574 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN/LAN port +
  2× 1 Gbps LAN ports



MB520-5G

5G AX3000 Wireless Dual-Band Router

- **Superior 5G**
  Download speeds up to 4.67 Gbps
- **Dual-Band Wi-Fi 6**
  2402 Mbps (5 GHz) +
  574 Mbps (2.4 GHz)
- **2.5 Gbps Multi-Gig Ports**
  1× 2.5 Gbps WAN/LAN port +
  1× 1 Gbps LAN port
- **HD Quality Telephony**
  Supports VoLTE/VoNR



MB510-5G

5G AX1500 Wireless Dual-Band Router

- **Superior 5G**
  Download speeds up to 2.6 Gbps
- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN/LAN port +
  1× 1 Gbps LAN port

*20 Gbps download speed refers to the theoretical rate of mmWave at 400 MHz bandwidth, which is 133× faster than 4G Cat4 (150 Mbps). Maximum 5G/4G download speeds depend on external factors such as the local 5G/4G network coverage, data plan, real-time network capacity, client limitations, and environmental factors. Actual supported frequency bands may vary slightly in different regions due to certification.

MB260-4G

4G+ Cat6 AX1500 Wireless Dual-Band Gigabit Router

- **LTE-Advanced Cat 6**
  Download up to 300 Mbps
  Upload up to 50 Mbps
- **Dual-Band Wi-Fi 6**
  1201 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN/LAN port +
  1× 1 Gbps LAN port
- **EasyMesh-Compatible**
  Flexibly create your whole home mesh Wi-Fi



MB235-4G

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

- **LTE-Advanced Cat 6**
  Download up to 300 Mbps
  Upload up to 50 Mbps
- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN/LAN port +
  3× 1 Gbps LAN ports
- **EasyMesh-Compatible**
  Flexibly create your whole home mesh Wi-Fi

MB230-4G

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

- **LTE-Advanced Cat 6**
  Download up to 300 Mbps
  Upload up to 50 Mbps
- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Full Gigabit Ports**
  1× 1 Gbps WAN/LAN port +
  1× 1 Gbps LAN port
- **EasyMesh-Compatible**
  Flexibly create your whole home mesh Wi-Fi

- **SIM Card Plug and Play:** Plug in your nano SIM card and create a Wi-Fi network.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.

4G Indoor Routers



Wi-Fi Made Easy with 4G

300 Mbps Wireless 4G LTE Router

MB115-4G



MB135-4G

AC1200 Wireless Dual-Band 4G LTE Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  3× 10/100 Mbps LAN ports

MB130-4G

AC1200 Wireless Dual-Band 4G LTE Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **Dual-Band Wi-Fi**
  867 Mbps (5 GHz) +
  300 Mbps (2.4 GHz)
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  1× 10/100 Mbps LAN port



MB115-4G

300Mbps Wireless N 4G LTE Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **N300 Wi-Fi**
  300 Mbps Wi-Fi on 2.4 GHz
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  3× 10/100 Mbps LAN ports



MB113-4G

300 Mbps Wireless N 4G LTE Portable Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **N300 Wi-Fi**
  300 Mbps Wi-Fi on 2.4 GHz
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  1× 10/100 Mbps LAN port
- **USB-C Power Port**

MB112-4G

300 Mbps Wireless N 4G LTE Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **N300 Wi-Fi**
  300 Mbps Wi-Fi on 2.4 GHz
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  1× 10/100 Mbps LAN port

MB110-4G

300 Mbps Wireless N 4G LTE Router

- **4G Cat4**
  Download up to 150 Mbps
  Upload up to 50 Mbps
- **N300 Wi-Fi**
  300 Mbps Wi-Fi on 2.4 GHz
- **Fast Ethernet Ports**
  1× 10/100 Mbps WAN/LAN port +
  1× 10/100 Mbps LAN port

- **SIM Card Plug and Play:** Plug in your nano SIM card and create a Wi-Fi network.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls, QoS, and Guest Network, for safety and effectiveness.

4G Outdoor Routers

Stay Connected Outdoors and Indoors

Ideal for Fast Outdoor Wi-Fi

Perfect for outdoor events, home yards, gardens, pools, cafés, barns, sheds, and more. Stay connected everywhere outside.



Yard



Swimming Pool



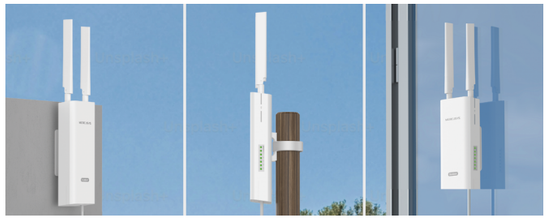
Outdoor Café

IP65 Weatherproof Durability



Snowproof Dustproof Rainproof Stormproof

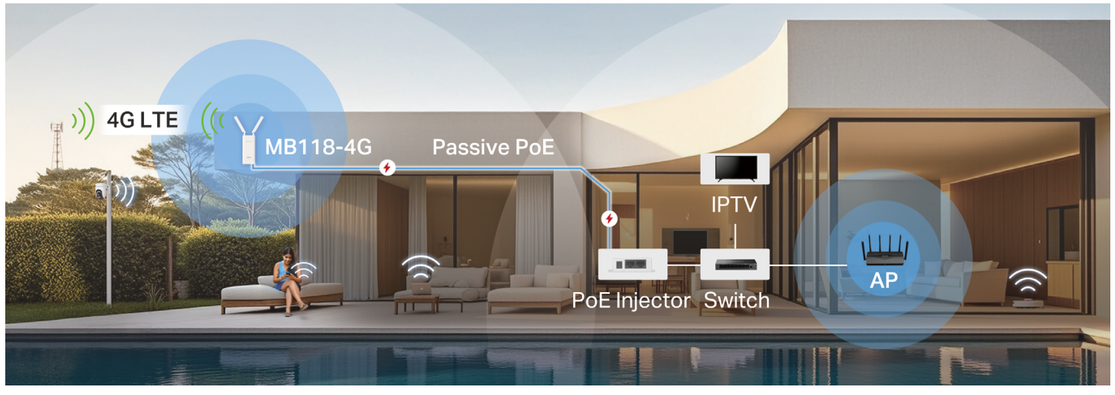
Multiple Installation Options



Wall Mounting Pole Mounting Window Mounting

From Outdoor Strength to Indoor Convenience

Place the 4G outdoor router where the LTE signal is strongest. Then, simply run a PoE-compatible Ethernet cable from the router's PoE port to your indoor device.



Recommended Models



MB238-4G

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Outdoor/ Indoor Router

- **LTE-Advanced Cat 6**
  Download Speeds up to 300 Mbps
- **PoE Power Supply**
  Supports 802.3at PoE and Passive PoE



MB118-4G

300 Mbps Wireless N 4G LTE Outdoor/ Indoor Router

- **LTE Cat 4**
  Download Speeds up to 150 Mbps
- **PoE Power Supply**
  Supports 802.3af/at PoE and Passive PoE

Choose the Right 5G/4G Indoor Router for You

	5G Indoor Router			4G+ Cat6 Indoor Router		
						
Model	**MB525-5G**	**MB520-5G**	**MB510-5G**	**MB260-4G**	**MB235-4G**	**MB230-4G**
Version	EU 1.0	EU 1.0	EU 1.0	EU 1.0	EU 1.0	EU 1.20
5G Download Speed	6.47 Gbps	4.67 Gbps	2.6 Gbps	-	-	-
5G Upload Speed	1.25 Gbps	1.25 Gbps	650 Mbps	-	-	-
LTE Standard	Cat20	Cat19	Cat12+	Cat6	Cat6	Cat6
LTE Download Speed	2 Gbps	1.6 Gbps	600 Mbps	300 Mbps	300 Mbps	300 Mbps
LTE Upload Speed	211 Mbps	200 Mbps	150 Mbps	50 Mbps	50 Mbps	50 Mbps
5G NR	N1/N3/N5/N7/N8/N20/ N26/N28/N38/N40/N41/ N66/N67/N71/N75/N76/ N77/N78	N1/N3/N5/N7/N8/N20/ N28/N38/N40/N41/ N77/N78	N1/N3/N5/N7/N8/N20/ N28/N38/N40/N41/N71/ N77/N78/N79	-	-	-
FDD-LTE	B1/B3/B5/B7/B8/B20/ B26/B28/B32/B66/ B67/B71	B1/B3/B5/B7/B8/ B20/B28	B1/B3/B5/B7/B8/ B20/B28	B1/B3/B5/B7/B8/ B20/B28	B1/B3/B5/B7/B8/ B20/B28	B1/B3/B5/B7/B8/ B20/B28
TDD-LTE	B38/B40/B41/B42/ B43/B48	B38/B40/B41/B42/B43	B38/B40/B41	B38/B40	B38/B40	B38/B40
Interface	2× 1 Gbps LAN + 1× 1 Gbps WAN/LAN	1× 1 Gbps LAN + 1× 2.5 Gbps WAN/LAN + 1× RJ11	1× 1 Gbps LAN + 1× 1 Gbps WAN/LAN	1× 1 Gbps LAN + 1× 1 Gbps WAN/LAN	3× 1 Gbps LAN + 1× 1 Gbps WAN/LAN	1× 1 Gbps LAN + 1× 1 Gbps WAN/LAN
Wireless Standard	AX3000	AX3000	AX1500	AX1500	AC1200	AC1200
Wi-Fi (2.4 GHz)	574 Mbps	574 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	2402 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	867 Mbps	867 Mbps
Concurrent Clients	256	256	256	64	64	64
Parental Control	√	√	√	√	√	√
QoS/Bandwidth Controls	QoS	QoS	QoS	QoS	QoS	QoS
MERCUSYS App	√	√	√	√	√	√
EasyMesh	√	√	√	√	√	√
4G/3G External Antenna Ports	√	√	√	√	√	√

Choose the Right 5G/4G Indoor Router for You

	4G LTE Indoor Router					
						
Model	**MB135-4G**	**MB130-4G**	**MB115-4G**	**MB113-4G**	**MB112-4G**	**MB110-4G**
Version	EU/UN 1.0	EU/UN 1.0	EU/CN/UN 1.0	EU 1.0	EU 1.0	EU/UN 2.0
LTE Standard	Cat4	Cat4	Cat4	Cat4	Cat4	Cat4
LTE Download Speed	150 Mbps	150 Mbps	150 Mbps	150 Mbps	150 Mbps	150 Mbps
LTE Upload Speed	50 Mbps	50 Mbps	50 Mbps	50 Mbps	50 Mbps	50 Mbps
FDD-LTE	EU Version B1/B3/B5/B7/B8/B20/B28 UN Version B1/B2/B3/B4/B5/B7/B8/ B28/B66	EU Version B1/B3/B5/B7/B8/B20/B28 UN Version B1/B2/B3/B4/B5/B7/B8/ B28/B66	EU Version B1/B3/B5/B7/B8/B20/B28 CN Version B1/B3/B5/B8 UN Version B1/B2/B3/B4/B5/B7/B8/ B28/B66	B1/B3/B5/B7/B8/ B20/B28	B1/B3/B5/B7/B8/ B20/B28	EU Version B1/B3/B5/B7/B8/B20/B28 UN Version B1/B2/B3/B4/B5/B7/B8/ B28/B66
TDD-LTE	EU Version B38/B40 UN Version B40	EU Version B38/B40 UN Version B40	EU Version B38/B40 CN Version B38/B40 UN Version B40	B38/B40	B38/B40	EU Version B38/B40 UN Version B40
Interface	3× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN	1× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN	3× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN	1× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN	1× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN	1× 10/100 Mbps LAN + 1× 10/100 Mbps WAN/ LAN
Wireless Standard	AC1200	AC1200	N300	N300	N300	N300
Wi-Fi (2.4 GHz)	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	867 Mbps	867 Mbps	-	-	-	-
Concurrent Clients	64	64	32	32	32	32
Parental Control	√	√	√	√	√	√
QoS/Bandwidth Controls	QoS	QoS	-	-	-	-
MERCUSYS App	√	√	√	√	√	√
EasyMesh	-	-	-	-	-	-
4G/3G External Antenna Ports	√	√	-	-	-	√

Choose the Right 5G/4G Outdoor Router for You

	Outdoor Router	
		
Model	**MB238-4G**	**MB118-4G**
Version	EU 1.0	EU 1.0
LTE Standard	Cat6	Cat4
LTE Download Speed	300 Mbps	150 Mbps
LTE Upload Speed	50 Mbps	50 Mbps
FDD-LTE	B1/B3/B5/B7/B8/B20/B28	B1/B3/B5/B7/B8/B20/B28
TDD-LTE	B38/B40	B38/B40
Interface	1× 1 Gbps WAN/LAN	1× 10/100 Mbps WAN/LAN
Wireless Standard	AC1200	N300
Wi-Fi (2.4 GHz)	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	867 Mbps	-
Concurrent Clients	64	32
Parental Controls	√	√
QoS/Bandwidth Controls	QoS	-
MERCUSYS App	√	√
EasyMesh	√	-
4G/3G External Antenna Ports	√	√



Mobile Wi-Fi

Get Wi-Fi wherever you need it. Enjoy unmatched convenience and versatility. Tested in the field for years to ensure universal compatibility with advanced 5G/LTE antennas to deliver a smooth connection. Enjoy unparalleled convenience and versatility with fast, stable Wi-Fi—perfect for home or remote work.

/34 Mobile Wi-Fi



A Compact Companion for Life on the Go

Must-Have for Outdoor Entertainment



RV Travel

Stay online on the road. MiFi keeps phones, tablets, and other devices connected for navigation, travel info, and sharing moments.



Family Outings

One MiFi covers everyone. No need for separate data plans—connect all devices through a single mobile hotspot.

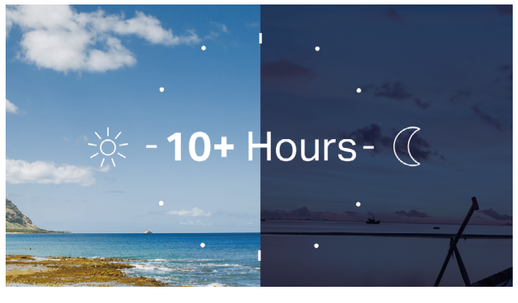


Outdoor Activities

No broadband? No problem. MiFi uses cellular networks to keep you connected, so you can share your adventures anytime, anywhere.



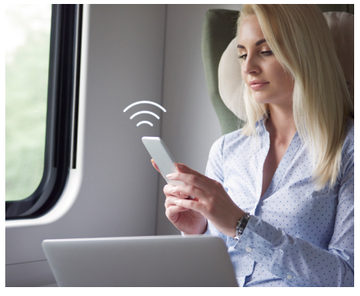
Simultaneous Internet Access for Multiple Devices



Power That Lasts All Day Long[†]

[†]Actual battery time may vary due to different user environments.

Best Companion for Short-Temp Work



Always Online for Work Trips

Compact enough to fit in a pocket, MiFi delivers stable Wi-Fi wherever work takes you—perfect for staying in touch and handling tasks on the go.



Team Collaboration Anywhere

Create a shared network during off-site meetings or negotiations. Team members can connect their devices for seamless communication and file sharing.



Instant Pop-Up Wi-Fi

For pop-up offices or short-term projects, MiFi offers a quick, hassle-free way to get online—no installation delays or extra costs.



Get Your Network Up and Running in Seconds[‡]



Empower Your PC with Stable Wired Internet via USB

[‡]SIM card sold separately. This device requires an activated SIM card without a PIN lock.

Choose the Right Mobile Wi-Fi for You

	5G Mobile Wi-Fi	4G Mobile Wi-Fi		
				
Model	**MT510**	**MT235**	**MT115**	**MT110**
Version	EU 1.0	EU 1.0	EU 1.0	EU 2.0
5G Standard	3.27 Gbps/1.25 Gbps Down/Up	-	-	-
LTE Standard	Cat 13+	Cat 6	Cat 4	Cat 4
LTE Download Speed/ Upload Speed	400 Mbps/211 Mbps Down/Up	300 Mbps/ 50 Mbps Down/Up	150 Mbps/50 Mbps Down/Up	150 Mbps/50 Mbps Down/Up
5G FDD-LTE TDD-LTE	5G: N1/N3/N5/N7/N8/N20/N26/N28/ N38/N40/N41/N71/N75/N76/N77/N78 FDD: B1/B3/B5/B7/B8/B18/B19/B20/ B21/B26/B28/B32/B71 TDD: B38/B40/B41/B42/B43	FDD: B1/B3/B5/B7/B8/B20/B28 TDD: B38/B40	FDD: B1/B3/B5/B7/B8/B20/B28 TDD: B38/B40	FDD: B1/B3/B5/B7/B8/B20/B28 TDD: B38/B40
Interface	1× USB-C port, 1× Nano SIM card slot	1× USB-C port, 1× Nano SIM card slot	1× USB-C port, 1× Nano SIM card slot	1× USB-C port, 1× Nano SIM card slot
Button	1× Power + 1× Reset	1× Power + 1× Menu + 1× Reset	1× Power + 1× Menu + 1× Reset	1× Power + 1× Reset
Screen Display	-	1.44 inch TFT	1.44 inch TFT	-
LED	Power LED, Internet LED, Signal LED, Wi-Fi LED	-	-	Wi-Fi LED, Internet LED, Battery LED
Wireless Standard	AX900	AC1200	AX300	AX300
Wi-Fi (2.4 GHz)	300 Mbps	300 Mbps	287 Mbps	287 Mbps
Wi-Fi (5 GHz)	600 Mbps	867 Mbps	-	-
Antenna	Internal Antenna	Internal Antenna	Internal Antenna	Internal Antenna
Concurrent Clients	32+	30+	10+	10+
MERCUSYS App	√	√	√	√



Range Extenders

MERCUSYS range extenders eliminate Wi-Fi dead zones by boosting coverage in your home or office—keeping all your devices connected and running smoothly.

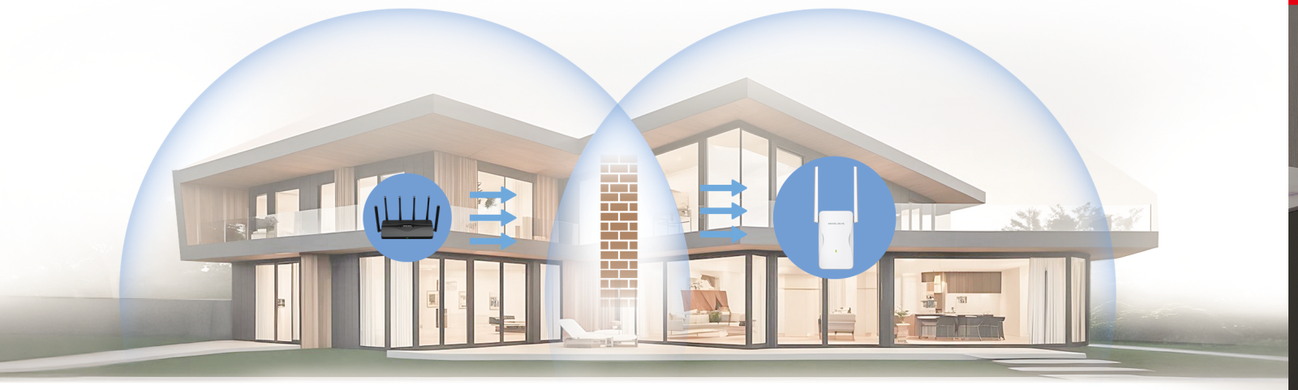
/38 Wi-Fi 7 Range Extenders

/40 Wi-Fi 6 Range Extenders

/41 Wi-Fi 5 Range Extenders

/42 Wi-Fi 4 Range Extenders

Extend Your Wi-Fi, Eliminate Dead Zones.

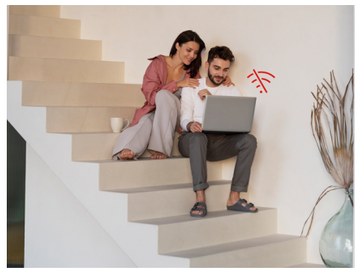




Tired of These Everyday Wi-Fi Struggles?



No signal in the bathroom or garden?



Video calls freeze the moment you move upstairs?

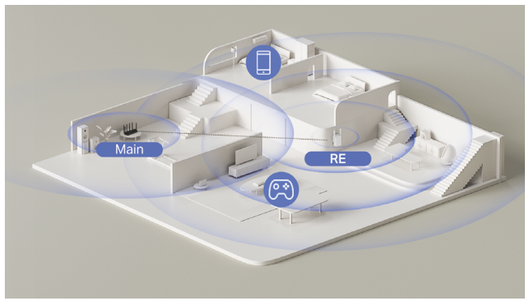


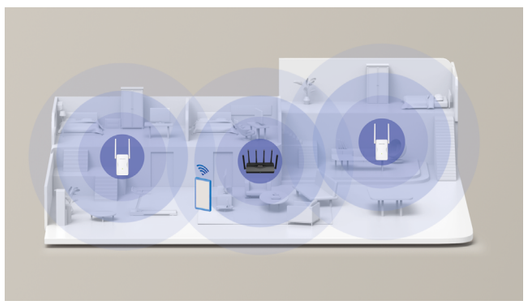
Landlord won't let you run cables?

How Range Extenders Help

Wi-Fi Where You Need It — Wirelessly

Range Extenders connects to your existing router and extends strong, reliable Wi-Fi throughout your home. No cables required.





Seamless Whole Home Coverage with EasyMesh

Compatible with EasyMesh routers and extenders, Range Extenders creates a unified Wi-Fi 7 network. Enjoy smooth streaming with no signal drops as you move from room to room.

- Flexible Wi-Fi Range Expansion
- Works with Different Vendors
- Seamless Wi-Fi Connections

Blazing-Fast 3.6 Gbps Wi-Fi with MLO

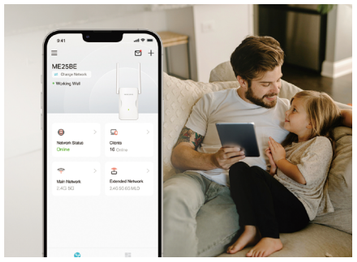
Multi-Link Operation (MLO) enables devices to transmit across dual bands simultaneously. ME25BE delivers ultra-fast Wi-Fi 7 speeds up to 3.6 Gbps—perfect for smooth streaming, gaming, and multitasking.





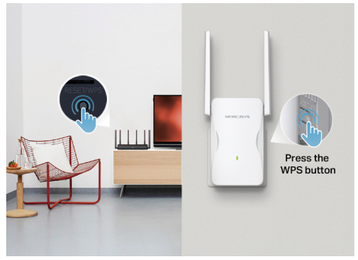
Built-In Access Point Mode

Connect ME25BE to a wired network via Ethernet to instantly create a dual-band Wi-Fi access point.



Easy App Control

Manage your network anytime with the MERCUSYS app. Available for Android and iOS.



One-Touch Setup

Simply press the WPS button on your router and ME25BE to extend your Wi-Fi in seconds.



ME25BE

ME3600 Wi-Fi 7 Range Extender

- **Dual-Band Wi-Fi 7**
  2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
- **160 MHz Bandwidth**
  Doubled channel width for faster connections
- **Gigabit Connection**
  1× 1 Gbps Ethernet Port
- **EasyMesh-Compatible**
  Flexibly create your whole home mesh Wi-Fi

Wi-Fi 6 Range Extenders

AX3000

MERCUSYS Wi-Fi 6 Router Extender

ME80X



Wi-Fi 5 Range Extenders

AC1900

MERCUSYS Wi-Fi Router Extender

ME50G





ME80X

AX3000 Wi-Fi 6 Range Extender

Dual-Band Wi-Fi 6
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

160 MHz Bandwidth
Doubled channel width for faster connections

Stable Signals
2× Adjustable high-gain antennas

Stronger Gigabit Connection
1× 1 Gbps port

EasyMesh-Compatible
Flexibly create your whole home mesh Wi-Fi



ME60X

AX1500 Wi-Fi 6 Range Extender

Dual-Band Wi-Fi 6
1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Stable Signals
2× Adjustable high-gain antennas

Stronger Gigabit Connection
1× 1 Gbps port

EasyMesh-Compatible
Flexibly create your whole home mesh Wi-Fi



ME50G

AC1900 Wi-Fi Range Extender

Dual-Band Wi-Fi
1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)

Stable Signals
4× Adjustable
high-gain antennas

Stronger Gigabit Connection
1× 1 Gbps port

EasyMesh-Compatible
Flexibly create your whole home mesh Wi-Fi



ME30

AC1200 Wi-Fi Range Extender

Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Fast Ethernet Port
1 × 10/100 Mbps port

EasyMesh-Compatible
Flexibly create your whole home mesh Wi-Fi



ME20

AC750 Wi-Fi Range Extender

Dual-Band Wi-Fi
433 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Fast Ethernet Port
1 × 10/100 Mbps port

- **Eliminates Wi-Fi Dead Zones:** Boosts Wi-Fi signals to previously unreachable or hard-to-wire areas flawlessly.
- **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 via an Ethernet cable to turn it into a dual-band Wi-Fi access point.
- **Works with Any Router:** Extend your Wi-Fi with an existing router.
- **Adaptive Path Selection:** Keeps your network running at top speed by intelligently choosing the best available route and band for your data.
- **Signal Indicator:** A multicolor LED helps you find the right location for your range extender for the best Wi-Fi extension.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls and Guest Network, for safety and effectiveness.

- **Eliminates Wi-Fi Dead Zones:** Boosts Wi-Fi signals to previously unreachable or hard-to-wire areas flawlessly.
- **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 via an Ethernet cable to turn it into a dual-band Wi-Fi access point.
- **Works with Any Router:** Extend your Wi-Fi with an existing router.
- **Adaptive Path Selection:** Keeps your network running at top speed by intelligently choosing the best available route and band for your data.
- **Signal Indicator:** A multicolor LED helps you find the right location for your range extender for the best Wi-Fi extension.
- **MERCUSYS App:** Helps with setup and provides varied software features, such as Parental Controls and Guest Network, for safety and effectiveness.

Wi-Fi 4 Range Extenders



ME12
300 Mbps Wi-Fi Range Extender

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Stable Signals
2× External antennas



ME10
300 Mbps Wi-Fi Range Extender

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Fast Ethernet Port
1 × 10/100 Mbps port



MW300RE
300 Mbps Wi-Fi Range Extender

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Stable Signals
3× Adjustable antennas

Choose the Right Range Extender for Your Home

		Wi-Fi 7	Wi-Fi 6	
				
Model		**ME25BE**	**ME80X**	**ME60X**
Wi-Fi Class		BE3600	AX3000	AX1500
Version		2.0	1.0	1.0
Hardware	**Antennas**	2× External	2× External	2× External
	WPS Button	√	√	√
	Ports	1× GE	1× GE	1× GE
	Signal Indicator	√	√	√
Wi-Fi Features	**Speed (2.4 GHz)**	688 Mbps	574 Mbps	300 Mbps
	Speed (5 GHz)	2882 Mbps	2402 Mbps	1201 Mbps
	4K-QAM	√	-	-
	MLO	√	-	-
	MU-MIMO	√	√	√
	Beamforming	√	√	√
Software	**APS (Adaptive Path Selection)**	√	√	√
	AP Mode	√	√	√
	Power Schedule	√	√	√
	LED Control	√	√	√
	Access Control	√	√	√
	App Support	√	√	√

Choose the Right Range Extender for Your Home

		Wi-Fi 5			Wi-Fi 4		
							
Model		**ME50G**	**ME30**	**ME20**	**ME12**	**ME10**	**MW300RE**
Wi-Fi Class		AC1900	AC1200	AC750	N300	N300	N300
Version		1.20	1.20	2.0	1.0	1.20	4.20
Hardware	**Antennas**	4× External	2× External	Internal	2× External	Internal	3× External
	WPS Button	√	√	√	√	√	√
	Ports	1× GE	1× FE	1× FE	-	1× FE	-
	Signal Indicator	√	√	√	√	√	√
Wi-Fi Features	**Speed (2.4 GHz)**	600 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
	Speed (5 GHz)	1300 Mbps	867 Mbps	433 Mbps	-	-	-
	4K-QAM	-	-	-	-	-	-
	MLO	-	-	-	-	-	-
	MU-MIMO	√	-	-	-	-	-
	Beamforming	√	√	-	-	-	-
Software	**APS (Adaptive Path Selection)**	√	√	√	-	-	-
	AP Mode	√	√	√	-	√	-
	Power Schedule	√	√	√	√	√	√
	LED Control	√	√	√	√	√	√
	Access Control	√	√	√	√	√	√
	App Support	√	√	√	√	√	√



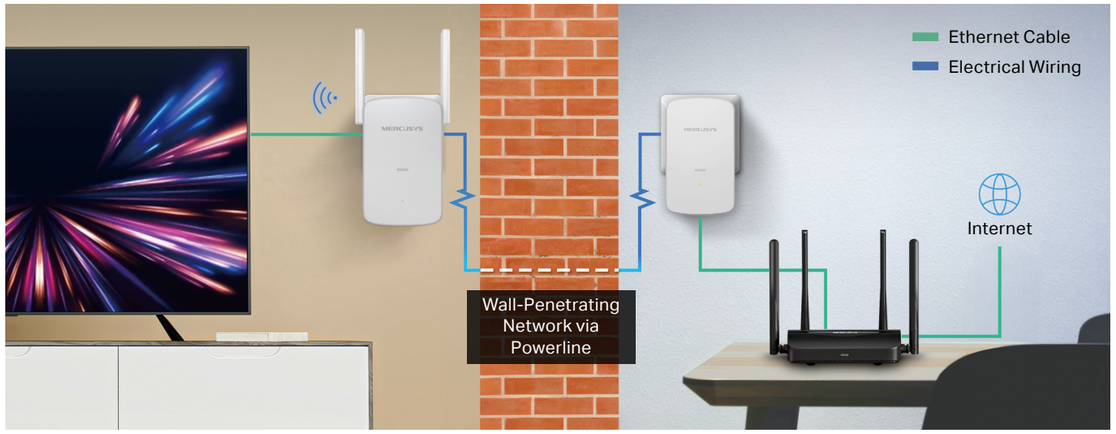
Powerline

With MERCUSYS Powerline adapters, any outlet becomes a high-speed network port. No drilling. No rewiring. Just plug and play for seamless, whole home connectivity.

/45 HomePlug AV2 Powerline Adapters

Why Powerline?

Extend your network using your existing electrical wiring.



No More Dead Zones

Extend a wired or wireless network to hard-to-reach areas in seconds.

Stable, Low-Latency Connections

Powerline delivers fast, reliable performance—ideal for 4K streaming, video calls, cloud access, and gaming.

No New Wiring Needed

Skip the drilling and messy cables. Just plug in and connect—no tech skills required.

Expandable, Future-Proof Coverage

Easily add more adapters to extend your network across rooms or floors as your needs grow.

Ideal for:



Homes with Complex Layouts, Multi-Story Structures, or Thick Walls



Dead Zones Where Networks Struggle to Expand



Buildings Where Network Cabling Is Impractical



Stable, Low-Latency Wired Connections



HomePlug AV2 Powerline Adapters

Seamless Wi-Fi Coverage, Through Existing Electrical Wiring

AV1000 Gigabit Powerline Wi-Fi Kit

MP535 KIT



MP535 KIT

AV1000 Gigabit Powerline ac Wi-Fi Kit

HomePlug AV2 Standard
Powerline speeds up to 1000 Mbps

AC1200 Wi-Fi
Dual-band Wi-Fi speeds up to 1200 Mbps

Gigabit Port
MP500P: 1× 1 Gbps port
MP530: 1× 1 Gbps port

Extra Power Socket
Extra power socket for additional devices



MP515 KIT

AV1000 Gigabit Powerline Wi-Fi Kit

HomePlug AV2 Standard
Powerline speeds up to 1000 Mbps

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Gigabit Port
MP500P: 1× 1 Gbps port
MP510: 1× 1 Gbps port

Extra Power Socket
Extra power socket for additional devices



MP510 KIT

AV1000 Gigabit Powerline Wi-Fi Kit

HomePlug AV2 Standard
Powerline speeds up to 1000 Mbps

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Gigabit Port
MP500: 1× 1 Gbps port
MP510: 1× 1 Gbps port



MP500P KIT

AV1000 Gigabit Passthrough Powerline Starter Kit

HomePlug AV2 Standard
Powerline speeds up to 1000 Mbps

Gigabit Port
1 × 1 Gbps port per MP500P

Extra Power Socket
Extra power socket for additional devices



MP500 KIT

AV1000 Gigabit Powerline Starter Kit

HomePlug AV2 Standard
Powerline speeds up to 1000 Mbps

Gigabit Port
1× 1 Gbps port per MP500

- **Plug & Play :** No wiring and configuration required—simply plug in.
- **Easy Expansion :** Expand coverage by simply adding more Powerline adapters.
- **Compatible with All Routers**



HomePlug AV2 Powerline Adapters

Enjoy Reliable Internet in Every Room

AV600 Powerline Wi-Fi Kit

MP315 KIT



MP315 KIT

AV600 Powerline Wi-Fi Kit

HomePlug AV2 Standard
Powerline speeds up to 600 Mbps

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Fast Ethernet Port
MP310: 2× 10/100 Mbps ports
MP300P: 1× 10/100 Mbps port

Extra Power Socket
Extra power socket for additional devices



MP310 KIT

AV600 Powerline Wi-Fi Kit

HomePlug AV2 Standard
Powerline speeds up to 600 Mbps

N300 Wi-Fi
Wireless N speeds up to 300 Mbps

Fast Ethernet Port
MP300: 1× 10/100 Mbps port
MP310: 2× 10/100 Mbps ports



MP300P KIT

AV600 Passthrough Powerline Starter Kit

HomePlug AV2 Standard
Powerline speeds up to 600 Mbps

Fast Ethernet Port
1× 10/100 Mbps port per MP300P

Extra Power Socket
Extra power socket for additional devices



MP300 KIT

AV600 Powerline Starter Kit

HomePlug AV2 Standard
Powerline Speed up to 600 Mbps

Fast Ethernet Port
1× 10/100 Mbps Port per MP300

- **Plug & Play:** No wiring and configuration required—simply plug in.
- **Easy Expansion:** Expand coverage by simply adding more Powerline adapters.
- **Compatible with All Routers**

Choose the Right Powerline Adapter for Your Home :

	Adapter								
									
Model	**MP535 KIT**	**MP515 KIT**	**MP510 KIT**	**MP500P KIT**	**MP500 KIT**	**MP315 KIT**	**MP310 KIT**	**MP300 KIT**	**MP300P KIT**
Speed over Powerline	Up to 1000 Mbps	Up to 1000 Mbps	Up to 1000 Mbps	Up to 1000 Mbps	Up to 1000 Mbps	Up to 600 Mbps	Up to 600 Mbps	Up to 600 Mbps	Up to 600 Mbps
Wi-Fi Speed	867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)	300 Mbps (2.4 GHz)	300 Mbps (2.4 GHz)	-	-	300 Mbps (2.4 GHz)	300 Mbps (2.4 GHz)	-	-
Protocol	Homeplug AV2 IEEE 802.11 b/g/n/ac	Homeplug AV2 IEEE 802.11 b/g/n	HomePlug AV2 IEEE 802.11 b/g/n	HomePlug AV2	HomePlug AV2	HomePlug AV2 IEEE 802.11 b/g/n	HomePlug AV2 IEEE 802.11 b/g/n	Homeplug AV2	Homeplug AV2
Ethernet Ports	MP500P: 1× 1 Gbps port MP530: 1× 1 Gbps port	MP500P: 1× 1 Gbps Port MP510: 1× 1 Gbps Port	MP500: 1× 1 Gbps port MP510: 1× 1 Gbps port	1× 1 Gbps port per MP500P	1× 1 Gbps port per MP500	MP300P: 1× 10/100 Mbps port MP310: 2× 10/100 Mbps ports	MP300: 1× 10/100 Mbps port MP310: 2× 10/100 Mbps ports	1× 10/100 Mbps port per MP300	1× 10/100 Mbps port per MP300P
Extra Power Socket	√	√	-	√	-	√	-	-	√
Antennas	2 × External Antennas	2 × External Antennas	2 × External Antennas	-	-	2 × External Antennas	2 × External Antennas	-	-
Kit Contents	1× MP530 + 1× MP500P	1× MP510 + 1× MP500P	1× MP510 + 1× MP500	2× MP500P	2× MP500	1× MP310 + 1× MP300P	1× MP310 + 1× MP300	2× MP300	2× MP300P



Adapters

Whether you're gaming, working, streaming, or creating, MERCUSYS network adapters deliver fast, stable connections.
Say goodbye to lag and enjoy smooth, uninterrupted online experiences.

/50 High-Gain Wireless USB Adapters

/52 Wireless USB Adapters

/53 Bluetooth USB Adapters

/54 Wireless PCIe Adapters

/56 Wired PCIe Adapters

High-Gain Wireless USB Adapters

Powerful Connectivity, Effortless Speed!

BE6500 Wi-Fi 7 High-Gain Wireless USB Adapter

MA37BEH



Simply Enhance Your PC's Wi-Fi Performance

AC1300 High-Gain Wireless Dual-Band USB Adapter

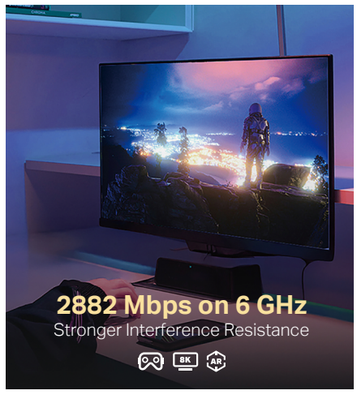
MA30H

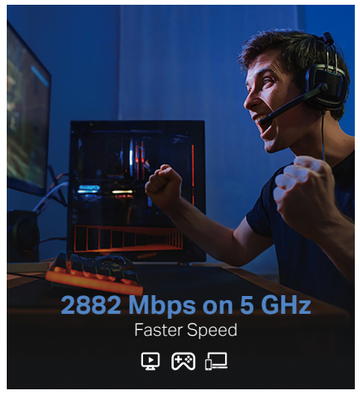


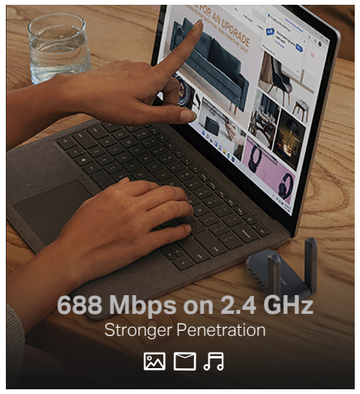
Enjoy the Ultimate Speed of Wi-Fi 7

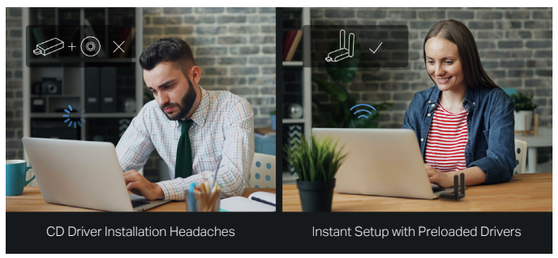
Enhanced by 4K-QAM and Multi-RUs, MA37BEH delivers astonishing transmission efficiency. facilitating instant multi-stream media playback and lightning-fast downloading.

- New 6 GHz Band for Faster Speeds
- Faster Speed
- High Efficiency
- High Capacity
- MU-MIMO
- OFDMA



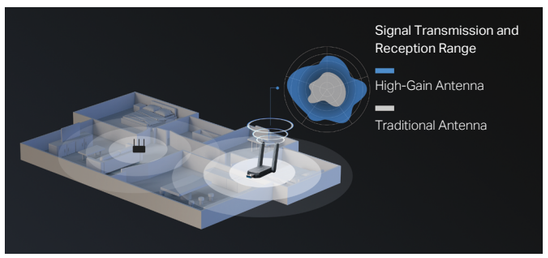






Flexible and Easy Installation

Plug in MA37BEH with the internal driver and enjoy an easy and friendly installation.



Boost Wireless Range with High-Gain Antennas

Two high-gain antennas with Beamforming deliver extended range and focused coverage for faster, more stable connections.

- Enhanced WPA3 Security
- SuperSpeed USB 3.0
- Compatible with Windows 11/10

[1]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.
[2]Use of Wi-Fi 7 (802.11be), Wi-Fi 6E/6 (802.11ax), and features including Multi-Link Operation (MLO), 4K-QAM, Multi-RUs, OFDMA, and MU-MIMO requires clients to also support the corresponding features.



MA86XH

AXE5400 Wi-Fi 6E High-Gain Wireless USB Adapter

Tri-Band Wi-Fi 6E
2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Strong Signals
2× Adjustable high-gain antennas

SuperSpeed USB 3.0

Supported Systems
Windows 11/10



MA72XH

AX1800 High-Gain Wireless Dual-Band USB Adapter

Dual-Band Wi-Fi 6
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Strong Signals
2× Adjustable high-gain antennas

SuperSpeed USB 3.0

Supported Systems
Windows 11/10



MA60XHB

AX900 High-Gain Wi-Fi 6 Bluetooth USB Adapter

Dual-Band Wi-Fi 6
600 Mbps (5 GHz) + 287 Mbps (2.4 GHz)

Bluetooth 5.3 Compatible
More stable connection, farther range, and faster transmission

Strong Signals
1× Adjustable high-gain antenna

Supported Systems
Windows 11/10



MA14H

AX300 High-Gain Wi-Fi 6 Wireless USB Adapter

AX300 Wi-Fi 6
287 Mbps Wi-Fi 6 on 2.4 GHz

Strong Signals
1× Adjustable high-gain antenna

Supported Systems
Windows 11/10/7 and Linux (Kernel 3.10 and later)



MA32H

AC1300 High-Gain Wireless Dual-Band USB Adapter

Dual-Band Wi-Fi
867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Strong Signals
2× Adjustable high-gain antennas

SuperSpeed USB 3.0

Supported Systems
Windows 11/10



MA30H

AC1300 High-Gain Wireless Dual-Band USB Adapter

Dual-Band Wi-Fi
867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Strong Signals
1× Adjustable high-gain antenna

Supported Systems
Windows 11/10



MU6H

AC650 High-Gain Wireless Dual-Band USB Adapter

Dual-Band Wi-Fi
433 Mbps (5 GHz) + 200 Mbps (2.4 GHz)

Stronger Signals
1× Adjustable high-gain antenna

Supported Systems
Windows 11/10/8.1/8/7/XP



MW300UH

300 Mbps High-Gain Wireless USB Adapter

N300 Wi-Fi
300 Mbps Wi-Fi on 2.4 GHz

Stronger Signals
2× Adjustable high-gain antennas

Supported Systems
Windows 11/10/8.1/8/7/XP

Wireless USB Adapters



Nano Size, Big Performance

AX300 Nano Wireless USB Adapter

MA14N



MA12N

N300 Wireless Nano USB Adapter

N300 Wi-Fi
300 Mbps Wi-Fi on 2.4 GHz

Plug and Play
Smart easy-install without a CD

Supported Systems
Windows 11/10



MW300UM

N300 Wireless Mini USB Adapter

N300 Wi-Fi
300 Mbps Wi-Fi on 2.4 GHz

Plug and Play
Smart easy-install without a CD

Supported Systems
Windows 11/10/8.1/8/7/XP



MW150US

N150 Nano Wireless USB Adapter

N150 Wi-Fi
150 Mbps Wi-Fi on 2.4 GHz

Plug and Play
Smart easy-install without a CD

Supported Systems
Windows 11/10/8.1/8/7/XP



MA70XM

AX1800 Wi-Fi 6
Wireless USB Adapter

Dual-Band Wi-Fi 6
1201 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

SuperSpeed USB 3.0

Supported Systems
Windows 11/10



MA60XNB

AX900 Nano Wi-Fi 6
Bluetooth USB Adapter

Dual-Band Wi-Fi 6
600 Mbps (5 GHz) +
287 Mbps (2.4 GHz)

Bluetooth 5.3 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10



MA30N

AC1300 Nano Wireless
Dual-Band USB Adapter

Dual-Band Wi-Fi
867 Mbps (5 GHz) +
400 Mbps (2.4 GHz)

Enhanced WPA3 Security

Supported Systems
Windows 11/10



MA20NB

AC650 Nano Wi-Fi
Bluetooth USB Adapter

Dual-Band Wi-Fi
433 Mbps (5 GHz) +
200 Mbps (2.4 GHz)

Bluetooth 5.0 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10



MA20N

AC650 Nano Wireless
Dual-Band USB Adapter

Dual-Band Wi-Fi
433 Mbps (5 GHz) +
200 Mbps (2.4 GHz)

Plug and Play
Smart easy-install without a CD

Supported Systems
Windows 11/10



MA14N

AX300 Nano Wireless
USB Adapter

AX300 Wi-Fi 6
287 Mbps Wi-Fi 6 on 2.4 GHz

Pre-Loaded Internal Driver
A friendly user interface for simple installation

Supported Systems
Windows 11/10/7 and Linux (Kernel 3.10 and later)

Bluetooth Adapters



Equip Your Computer with Bluetooth 5.4

Bluetooth Printer
Bluetooth Game Controller
Bluetooth Headset
Bluetooth Mouse
Computer/ Desktop
Smartphone/ Tablet
Bluetooth Keyboard
Bluetooth Speaker



MA550H

Long-Range Bluetooth USB Adapter

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Strong Signals
1× Adjustable high-gain antenna

Supported Systems
Windows 11/10/8.1/7

Stable Connections
Up to 7 devices connected at the same time



MA530

Bluetooth 5.4 Nano USB Adapter

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Nano Size
Ultra-small for convenient portability with reliable high performance

Supported Systems
Windows 11/10/8.1/7

Stable Connections
Up to 7 devices connected at the same time

Wireless PCIe Adapters

Upgrade Your PC to Wi-Fi 7 and Bluetooth 5.4

BE9300 Wi-Fi 7 Bluetooth PCIe Adapter

MA49BE



Wi-Fi 7 Takes Your Network to the Next Level

Wi-Fi 7 leverages the 6 GHz band with 4K-QAM and Multi-RUs to offer accelerated throughput and higher efficiency. Join the league of pros and experience the sheer performance of the next generation of Wi-Fi.

210% ↗
Wireless Throughput Improvement

4× ↘
Reduced Game Latency

120% ↗
Data Transmission



Wi-Fi 7 wireless throughput increased by 210%[§]
Download a HD movie in seconds



Wi-Fi 7 gaming latency reduced by 4 times[§]
Play games faster than others



4K QAM technology supported by Wi-Fi 7
Data transmission density increased by 120%[§]



Blazing-Fast Tri-Band Wi-Fi with Wi-Fi 7

MA49BE upgrades your PC with Wi-Fi 7 and the 6 GHz band for ultra-low latency, smooth streaming, and stable real-time gaming and VR experiences.

Stronger Signal, Wider Coverage

Two high-gain antennas on a magnetized base ensure powerful transmission and reception, delivering fast, reliable Wi-Fi even from a distance.

Bluetooth 5.4 Compatible

Enhanced WPA3 Security

Compatible with Windows 11/10 (PC with Intel CPU)

[§]Data is from laboratory tests. 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.

Wi-Fi 7



MA47BE

BE9300 Wi-Fi 7 Bluetooth PCIe Adapter

Tri-Band Wi-Fi 7
5765 Mbps (6 GHz) + 2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10 (64-Bit) (PC with Intel CPU)

WPA3 Security
Provides powerful overall protection for your home network

Low-Profile Bracket Support

Wi-Fi 7



MA37BE

BE6500 Wi-Fi 7 Bluetooth PCIe Adapter

Tri-Band Wi-Fi 7
2882 Mbps (6 GHz) + 2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11 Compatible

WPA3 Security
Provides powerful overall protection for your home network

Wi-Fi 6E



MA88XE

AXE5400 Wi-Fi 6E Bluetooth PCIe Adapter

Tri-Band Wi-Fi 6E
2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10 (64-Bit)

WPA3 Security
Provides powerful overall protection for your home network

Low-Profile Bracket Support

Wi-Fi 6E



MA86XE

AXE5400 Wi-Fi 6E Bluetooth 5.3 PCIe Adapter

Tri-Band Wi-Fi 6E
2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Bluetooth 5.3 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10 (64-Bit)

WPA3 Security
Provides powerful overall protection for your home network

Wi-Fi 6



MA80XE

AX3000 Wi-Fi 6 Bluetooth 5.3 PCIe Adapter

Dual-Band Wi-Fi 6
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Bluetooth 5.3 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10 (64-Bit)

WPA3 Security
Provides powerful overall protection for your home network

Wi-Fi 6



MA70XE

AX1800 Wi-Fi 6 Bluetooth PCIe Adapter

Dual-Band Wi-Fi 6
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Bluetooth 5.4 Compatible
More stable connection, farther range, and faster transmission

Supported Systems
Windows 11/10 (64-Bit)

WPA3 Security
Provides powerful overall protection for your home network



MA30E

AC1200 Wi-Fi Bluetooth PCIe Adapter

Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Bluetooth 5.0 Compatible
More stable connection, farther range, and faster transmission

Supported System
Windows 11/10 (64-Bit)

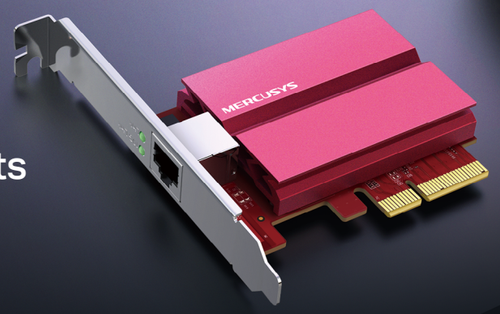
WPA3 Security
Provides powerful overall protection for your home network

Wired PCIe Adapters

Elevate Your Network Performance to New Heights

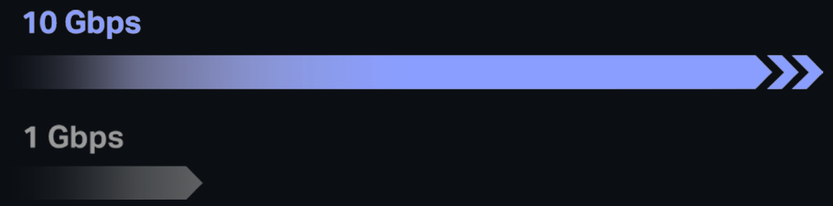
10 Gigabit PCIe Network Adapter

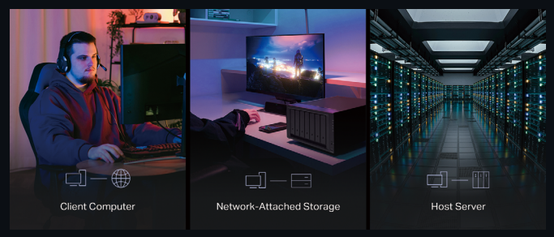
MA510E

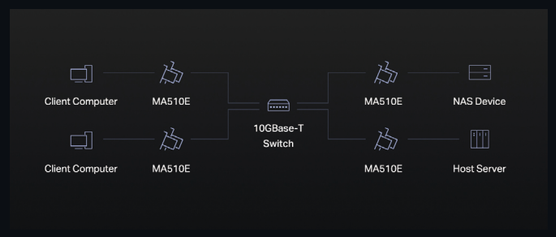


Blazing-Fast 10 Gbps Wired Networking

MA510E delivers extreme speeds of up to 10 Gbps, which is 10× faster than typical Gigabit adapters, automatically negotiating between higher and lower speed connections to ensure smooth data transmission for all your bandwidth-intensive tasks.







Wider Application, Maximum Performance

MA510E unlocks full 10 Gbps internet access—ideal for fast data transfers with NAS devices or boosting server performance.

Effortless Smart Home Storage

Create a high-speed data hub with the 10G adapter. Share large files, manage 4K workflows, and connect central storage across all devices—no complex setup required.

Wake-on-LAN | Energy-Efficient Ethernet (EEE) | Flow Control | Low-Profile Bracket Support



MA510E

10 Gigabit PCIe Network Adapter

10 Gbps Wired Connection

Supports 10/5/2.5/1 Gbps and 100 Mbps Networking



MA310E

2.5 Gigabit PCIe Network Adapter

2.5 Gbps Wired Connection

Supports 2.5/1 Gbps and 100/10 Mbps Networking



MA210E

Gigabit PCIe Network Adapter

Gigabit Wired Connection

Supports 1000/100/10 Mbps Networking

Choose the Right Wireless USB Adapter for You

	Wireless USB Adapter							
	Wi-Fi 7	Wi-Fi 6E	Wi-Fi 6					
								
Model	**MA37BEH**	**MA86XH**	**MA72XH**	**MA70XM**	**MA60XHB**	**MA60XNB**	**MA14H**	**MA14N**
Version	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wi-Fi Class	BE6500	AXE5400	AX1800	AX1800	AX900	AX900	AX300	AX300
Wi-Fi (2.4 GHz)	688 Mbps	574 Mbps	574 Mbps	574 Mbps	287 Mbps	287 Mbps	287 Mbps	287 Mbps
Wi-Fi (5 GHz)	2882 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	600 Mbps	600 Mbps	-	-
Wi-Fi (6 GHz)	2882 Mbps	2402 Mbps	-	-	-	-	-	-
Port	USB 3.0	USB 3.0	USB 3.0	USB 3.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antennas	2× External High-Gain	2× External High-Gain	2× External High-Gain	Internal	1× External High-Gain	Internal	1× External High-Gain	Internal
Bluetooth	-	-	-	-	5.3	5.3	-	-
MU-MIMO	√	√	√	√	√	√	-	-
Beamforming	√	√	√	√	√	√	-	-
WPA3	√	√	√	√	√	√	-	-
Supports Windows	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10/7 (32/64bit)	11/10/7 (32/64bit)
No CD-ROM Required	√	√	√	√	√	√	√	√

Choose the Right Wireless USB Adapter for You

	Wireless USB Adapter									
	Wi-Fi 5						Wi-Fi 4			
										
Model	**MA32H**	**MA30H**	**MA30N**	**MA20NB**	**MU6H**	**MA20N**	**MA12N**	**MW300UH**	**MW300UM**	**MW150US**
Version	1.20	2.0	1.0	1.0	1.30	1.0	1.0	2.0	4.0	3.0
Wi-Fi Class	AC1300	AC1300	AC1300	AC650	AC650	AC650	N300	N300	N300	N150
Wi-Fi (2.4 GHz)	400 Mbps	400 Mbps	400 Mbps	200 Mbps	200 Mbps	200 Mbps	300 Mbps	300 Mbps	300 Mbps	150 Mbps
Wi-Fi (5 GHz)	867 Mbps	867 Mbps	867 Mbps	433 Mbps	433 Mbps	433 Mbps	-	-	-	-
Port	USB 3.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antennas	2× External High-Gain	1× External High-Gain	Internal	Internal	1× External High-Gain	Internal	Internal	2× External High-Gain	Internal	Internal
Bluetooth	-	-	-	5.0	-	-	-	-	-	-
MU-MIMO	√	√	√	√	-	-	-	-	-	-
Beamforming	√	√	√	√	-	-	-	-	-	-
WPA3	√	√	√	√	√	√	√	√	√	√
Supports Windows	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10/8.1/8/7/ XP (32/64bit)	11/10 (32/64bit)	11/10 (32/64bit)	11/10/8.1/8/7/ XP (32/64bit)	11/10/8.1/8/7/ XP (32/64bit)	11/10/8.1/8/7/ XP (32/64bit)
No CD-ROM Required	√	√	√	√	√	√	√	√	√	√

Choose the Right Wireless PCIe Adapter for You

	Wireless PCIe Adapter							
	Wi-Fi 7			Wi-Fi 6E		Wi-Fi 6		Wi-Fi 5
								
Model	**MA49BE**	**MA47BE**	**MA37BE**	**MA88XE**	**MA86XE**	**MA80XE**	**MA70XE**	**MA30E**
Version	1.0	1.0	1.0	1.0	2.0	2 .0	1.0	1.0
Wi-Fi Class	BE9300	BE9300	BE6500	AXE5400	AXE5400	AX3000	AX1800	AC1200
Wi-Fi (2.4 GHz)	688 Mbps	688 Mbps	688 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	300 Mbps
Wi-Fi (5 GHz)	2882 Mbps	2882 Mbps	2882 Mbps	2402 Mbps	2402 Mbps	2402 Mbps	1201 Mbps	867 Mbps
Wi-Fi (6 GHz)	5765 Mbps	5765 Mbps	2882 Mbps	2402 Mbps	2402 Mbps	-	-	-
Heat Sink	√	√	√	√	√	-	-	-
Antennas	2× External	2× External	2× External	2× External	2× External	2× External	2× External	2× External
Full Height Bracket	√	√	√	√	√	√	√	√
Low-Profile Bracket	√	√	-	√	-	-	-	-
Bluetooth	5.4	5.4	5.4	5.4	5.3	5.3	5.4	5.0
MU-MIMO	√	√	√	√	√	√	√	√
Beamforming	√	√	√	√	√	√	√	√
WPA3	√	√	√	√	√	√	√	√
Supports Windows	11/10 (64bit) (Intel CPU)	11/10 (64bit) (Intel CPU)	11 (64bit)	11/10 (64bit)	11/10 (64bit)	11/10 (64bit)	11/10 (64bit)	11/10 (64bit)

Choose the Right Wired PCIe Adapter for You

	Wired PCIe Adapter		
			
Model	**MA510E**	**MA310E**	**MA210E**
Version	1.0	1.0	1.0
Heat Sink	√	-	-
LAN Throughput	10 Gbps	2.5 Gbps	1 Gbps
Full Height Bracket	√	√	√
Low-Profile Bracket	√	√	√
Supports Windows	√	√	√

Choose the Right Bluetooth USB Adapter for You

	Bluetooth USB Adapter	
		
Model	**MA550H**	**MA530**
Version	1.0	1.20
Standard	Bluetooth 5.4	Bluetooth 5.4
BR/EDR (Classic Bluetooth)	3 Mbps	3 Mbps
BLE (Bluetooth Low Energy)	2 Mbps	2 Mbps
Antenna	1× External	Internal
Frequency Band	2402-2480 MHz	2402-2480 MHz
Plug and Play	By critical update	By critical update
AGC Control	√	√
Supports Windows	11/10/8.1/7 (32/64bit)	11/10/8.1/7 (32/64bit)
No CD-ROM Required	√	√





MF80Xv
AX3000 Dual-Band Wi-Fi 6 VoIP XPON Router

AX3000 Dual-Band
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Stable Signals
2× External antennas

Versatile Connectivity Options
3× 1 Gbps LAN ports + 1× 1 Gbps WAN/LAN port + 1× SC / APC port

Supports OMCI

Supports VoIP



MF80X
AX3000 Dual-Band Wi-Fi 6 XPON Router

AX3000 Dual-Band
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Stable Signals
2× External antennas

Versatile Connectivity Options
3× 1 Gbps LAN ports + 1× 1 Gbps WAN/LAN port + 1× SC / APC port

Supports OMCI



MF30Gv
AC1200 Wireless VoIP XPON Router

AC1200 Dual-Band
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Stable Signals
2× External antennas

Versatile Connectivity Options
4× 1 Gbps LAN ports 1× SC / APC port

Supports OMCI

Supports VoIP



MF30G
AC1200 Wireless XPON Router

AC1200 Dual-Band
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Stable Signals
2× External antennas

Gigabit Ports
2× 1 Gbps LAN ports 1× SC / APC port

Supports OMCI



MF01G
1-Port Gigabit XPON Terminal

Gigabit Port
1× 1 Gbps LAN port + 1× SC / APC port

Choose the Right xPON for Your Home

		xPON Router				Terminal
						
Model		**MF80Xv**	**MF80X**	**MF30Gv**	**MF30G**	**MF01G**
Wi-Fi Features	Wi-Fi Class	AX3000	AX3000	AC1200	AC1200	-
	Wi-Fi (5 GHz)	2402 Mbps (2×2) HE160	2402 Mbps (2×2) HE160	867 Mbps (2×2) HT80	867 Mbps (2×2) HT80	-
	Wi-Fi (2.4 GHz)	574 Mbps (2×2) HE40	574 Mbps (2×2) HE40	300 Mbps (2×2) HT40	300 Mbps (2×2) HT40	-
	OFDMA	√	√	-	-	-
	1024-QAM	√	√	-	-	-
	MU-MIMO	√	√	√	√	-
	Beamforming	√	√	√	√	-
Hardware	Antennas	2× External	2× External	2× External	2× External	-
	Ethernet WAN Ports	1× GE WAN/LAN	1× GE WAN/LAN	-	-	-
	Ethernet LAN Port	3× GE	3× GE	4× GE	2× GE	1× GE
	FXS Port	1	-	1	-	-
Software	EPON Support	√	√	√	√	√
	Bridge/Router	Router	Router	Router	Router	Bridge
	Airtime Fairness	√	√	√	√	-
	Parental Controls	√	√	√	√	-
	Multi-SSID	2× Multi-SSID 1× Guest Network	2× Multi-SSID 1× Guest Network	2× Multi-SSID 1× Guest Network	2× Multi-SSID 1× Guest Network	-
	VLAN	√	√	√	√	-
	QoS	√	√	√	√	-
	Access Control	√	√	√	√	-
	IPTV	√	√	√	√	-
	IPv6	√	√	√	√	-
	VPN Server	√	√	-	-	-
	Remote Management	OMCI TR-069/181/098/143	OMCI TR-069/181/098/143	OMCI TR-069/181/098/143	OMCI TR-069/181/098/143	OMCI
	EasyMesh	√	√	√	√	-
	MERCUSYS App	√	√	√	√	-
	Agile Config	√	√	√	√	-
	Aginet ACS	√	√	√	√	-

xDSL



Fast, Reliable Internet to Power Daily Life

MERCUSYS DSL ensures smooth streaming and gaming on every device.



MB430-DSL

AC1200 Wireless Gigabit VDSL/ADSL Modem Router

High-Speed Wi-Fi
867 Mbps (5 GHz) +
300 Mbps (2.4 GHz)

Gigabit Ports
3× 1 Gbps LAN ports +
1× 1 Gbps WAN/LAN port +
1× RJ11 port

USB 2.0

Super VDSL
VDSL2 Profile 35b, up to 350 Mbps

EasyMesh-Compatible



MW300D

300 Mbps Wireless N ADSL2 + Modem Router

High-Speed Wi-Fi
Wireless Wi-Fi speeds up to 300 Mbps

Fast Ports
3× 10/100 Mbps LAN ports +
1× RJ11 port

High Compatibility
Fully compatible with ADSL2+/ADSL2/ADSL standards



Ethernet Splitter

Gigabit Splitting Made Simple

1-to-2 Gigabit Ethernet Splitter

MEH25

Plug and Play
No setup required—just connect the power and cables to enjoy Gigabit speeds instantly.

Premium Build Quality
Durable aluminum alloy casing and high-quality components ensure better heat dissipation and stable performance.

Broad Compatibility
Supports Cat8/7/6/5e/5 Ethernet cables and works with routers, switches, hubs, PCs, and more.

Suitable for Various Scenarios



Home



Small Office



Monitor



Gaming



Home Security

Whether keeping an eye on your living room while away, watching pets, or checking the porch, MERCUSYS security cameras are your reliable guard. Clear video, wide angles, and smart detection keep you connected to home 24/7.

/68 Smart Cameras

/69 Smart Video Doorbell

MERCUSYS

Camera Security System



Ideal for Outdoor Security



Garage



Small Shop



Yard

Ideal for Indoor Scenarios



Baby Room



Pet Room



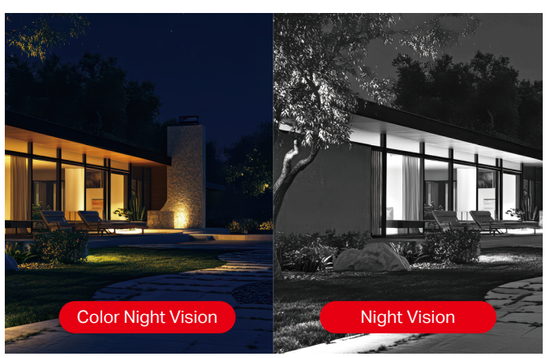
Living Room

Key Highlight Features for Outdoor Models



Weatherproof Durability

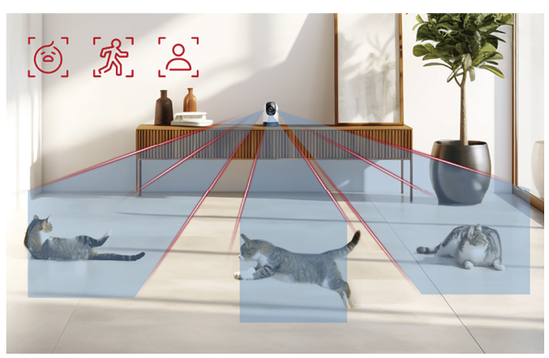
Rated IP65 for water and dust resistance—built to perform in rain, snow, dust, and extreme heat.



Clear Vision, Day or Night

With color or IR night vision, capture every detail—even in total darkness. Nothing goes unseen.

Key Highlight Features for Indoor Models



Advanced Smart Detection

Accurately detects people and objects while reducing false alerts from dust, light, or insects, so you always know what's happening around your home.



Two-Way Audio

Built-in mic and speaker let you hear and speak in real time. Stay connected with family, pets, or visitors anytime, anywhere.

Smart Cameras

Outdoor



MC510
Outdoor Pan/Tilt Security Wi-Fi Camera

- 2K 3MP (2304 × 1296 px)
- Color Night Vision
- Free Person/Motion Detection and Notifications
- IP65 Weatherproof
- 360° Visual Coverage
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Outdoor



MC500
Outdoor Pan/Tilt Security Wi-Fi Camera

- 1080p (1920 × 1080 px)
- Color Night Vision
- Free Person/Motion Detection and Notifications
- IP65 Weatherproof
- 360° Visual Coverage
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Outdoor



MC410 KIT
Solar-Powered Security Camera Kit

- 2K 3MP (2304 × 1296 px)
- Color Night Vision
- Free Person/Motion Detection and Notifications
- IP65 Weatherproof
- Solar Panel (2.5W)
- 5200mAh Battery
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Outdoor



MC410
Battery-Powered Security Camera

- 2K 3MP (2304 × 1296 px)
- Color Night Vision
- Free Person/Motion Detection and Notifications
- IP65 Weatherproof
- 5200mAh Battery
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Indoor



MC230
Pan/Tilt AI Home Security Wi-Fi Camera

- 3K 5MP (2880 × 1620 px)
- Night Vision
- Smart AI Detection and Notifications
- Sound and Light Alarm
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Indoor



MC210
Pan/Tilt Home Security Wi-Fi Camera

- 2K 3MP (2304 × 1296 px)
- Night Vision
- Free Person/Motion Detection and Notifications
- Sound and Light Alarm
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

Indoor



MC200
Pan/Tilt Home Security Wi-Fi Camera

- 1080p (1920 × 1080 px)
- Night Vision
- Free Person/Motion Detection and Notifications
- Sound and Light Alarm
- Two-Way Audio
- Local microSD Storage or Subscribe to Camera Care

*microSD card sold separately. Actual storage capacity depends on the size of the microSD card used. Subscribe for cloud storage at https://www.mercusys.com/cameracare/

Smart Video Doorbell



Your Doorway Defender

Video Doorbell with Chime

MD210

Always Know Who's There



View Visitors



Deter Criminals



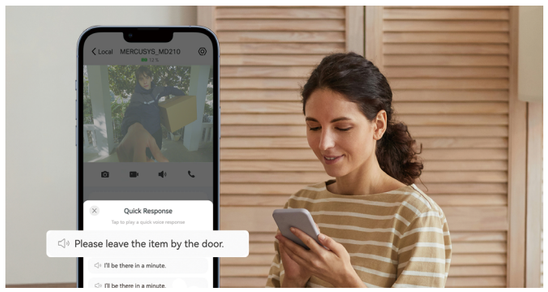
Receive Deliveries

Key Highlight Features



2K Clarity with Ultra-Wide 160° View

Enjoy sharper visuals with 2K 3MP resolution, outperforming standard Full HD. The 160° diagonal field of view captures more in every frame.



Instant Communication

Use preset Quick Responses to reply to visitors remotely—fast, convenient, and always connected.

Recommended Model



MD210
Video Doorbell with Chime

- 2K 3MP (2304 × 1296 px)
- Night Vision
- Two-Way Audio
- Free Person/Motion Detection and Notifications
- Quick Response via the MERCUSYS App
- Local microSD Storage or Subscribe to Camera Care

Access Points

Ideal for Small Businesses

BE5000/3600 Ceiling Mount Wi-Fi 7 Access Point

MAP27BE



MAP27BE

BE5000/3600 Ceiling Mount Wi-Fi 7 Access Point

BE5000/3600 Dual-Band Wi-Fi 7
4324 Mbps(US) /2882 Mbps(EU) (5 GHz) + 688 Mbps (2.4 GHz)

2.5 Gbps Port
1× 2.5 Gbps Ethernet port

Power Supply
802.3at PoE or 12V/1.5A DC (Power adapter included)

MAP27BE-Wall

BE5000/3600 Wall Plate Wi-Fi 7 Access Point

BE5000/3600 Dual-Band Wi-Fi 7
4324 Mbps(US) /2882 Mbps(EU) (5 GHz) + 688 Mbps (2.4 GHz)

2.5 Gbps Ports
2× 2.5 Gbps Ethernet port + 3× 1 Gbps ports

Power Supply
802.3at/bt PoE

Standard PoE Out
Two Gigabit Downlink ports support Standard PoE Out*

MAP27BE-Outdoor

BE5000/3600 Indoor/Outdoor Wi-Fi 7 Access Point

BE5000/3600 Dual-Band Wi-Fi 7
4324 Mbps(US) /2882 Mbps(EU) (5 GHz) + 688 Mbps (2.4 GHz)

2.5 Gbps Port
1× 2.5 Gbps Ethernet port

Power Supply
802.3at PoE or 48V Passive PoE (PoE adapter included)

Multi-Scenario Coverage
Supports Directional or Omni Antennas

Outdoor Tough
IP66 weatherproof & 6kV lightning protection

- **Free Cloud-Based Management :** Free cloud-based management via the MERCUSYS Business app or web.**

*Standard PoE Out is only available when 802.3bt powers the device.
**We reserve the right to charge fees in the future.
***Product appearance may vary. Please refer to the actual product for final specifications.

MAP80X

AX3000 Ceiling Mount Wi-Fi 6 Access Point

AX3000 Dual-Band Wi-Fi 6
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Full Gigabit Port
1× 1 Gbps Ethernet port

Dimensions
6.3 × 6.3 × 1.5 in (160 × 160 × 38.5 mm)

Power Supply
802.3at PoE or 12V DC (Power adapter included)

MAP80X-Wall

AX3000 Wall Plate Wi-Fi 6 Access Point

AX3000 Dual-Band Wi-Fi 6
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
4× 1 Gbps Ethernet ports

Dimensions
5.6 x 3.4 x 1.7 in (143 x 86 x 42.4 mm)

Power Supply
802.3af/at PoE

PoE Out
PoE passthrough*

MAP80X-Outdoor

AX3000 Indoor/Outdoor Wi-Fi 6 Access Point

AX3000 Dual-Band Wi-Fi 6
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Full Gigabit Port
1× 1 Gbps Ethernet port

Dimensions
11.0 × 4.2 × 2.5 in (280.4× 106.5 × 63.5 mm)

Power Supply
802.3at PoE or 48V Passive PoE (PoE adapter included)

Outdoor Tough
IP67 weatherproof & 6kV lightning protection***

MAP35G

AC1350 Wireless Dual-Band Ceiling Mount Access Point

AC1350 Dual-Band Wi-Fi 5
867 Mbps (5 GHz) + 450 Mbps (2.4 GHz)

Full Gigabit Port
1× 1 Gbps Ethernet port

Power Supply
802.3af PoE& 24V Passive PoE (PoE adapter included)

MAP30G-Wall

AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point

AC1200 Dual-Band Wi-Fi 5
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
4× 1 Gbps Ethernet ports

Power Supply
802.3af/at PoE

PoE Out
PoE passthrough*



MAP30G-Outdoor

AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point

AC1200 Dual-Band Wi-Fi 5
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Port
1× 1 Gbps Ethernet port

Power Supply
802.3af PoE or 24V Passive PoE (PoE adapter included)

Ultra-Range
2× Omnidirectional antennas

Outdoor Tough
IP65 weatherproof

- **Free Cloud-Based Management :** Free cloud-based management via the MERCUSYS Business app or web.**

*PoE passthrough is only available when 802.3at powers the device.
**We reserve the right to charge fees in the future.
***MAP80X-Outdoor's structure, appearance, waterproof rating, and dimensions are subject to change. Please refer to the actual product for final specifications.

Choose the Right Access Points for Your Network Deployment

	Ceiling Mount AP			Outdoor AP			Wall Plate AP		
Model	**MAP27BE**	**MAP80X**	**MAP35G**	**MAP27BE-Outdoor**	**MAP80X-Outdoor**	**MAP30G-Outdoor**	**MAP27BE-Wall**	**MAP80X-Wall**	**MAP30G-Wall**
Wi-Fi Class	BE5000 (US) BE3600 (EU)	AX3000	AC1350	BE5000 (US) BE3600 (EU)	AX3000	AC1200	BE5000 (US) BE3600 (EU)	AX3000	AC1200
2.4 GHz	688 Mbps	574 Mbps	450 Mbps	688 Mbps	574 Mbps	300 Mbps	688 Mbps	574 Mbps	300 Mbps
5 GHz	US: 4324 Mbps EU: 2882 Mbps	2402 Mbps	867 Mbps	US: 4324 Mbps EU: 2882 Mbps	2402 Mbps	867 Mbps	US: 4324 Mbps EU: 2882 Mbps	2402 Mbps	867 Mbps
Streams	2+2	2+2	2+3	2+2	2+2	2+2	2+2	2+2	2+2
Ethernet Ports	1× 2. 5Gbps Port	1× 1 Gbps Port	1× 1 Gbps Port	1× 2.5 Gbps Port	1× 1 Gbps Port	1× 1 Gbps Port	2× 2.5 Gbps Ports + 3× 1 Gbps Ports	4× 1 Gbps Ports	4× 1 Gbps Ports
Antennas	2× Antennas (2.4 GHz) + 2× Antennas (5 GHz)	2× Antennas (2.4 GHz) + 2× Antennas (5 GHz)	3× 4 dBi (2.4 GHz) + 2× 5 dBi (5 GHz)	2× Built-in Directional Antennas + 2× Detachable Omnidirectional Antennas	2× 4 dBi (2.4 GHz) + 2× 5 dBi (5 GHz)	2× 3 dBi (2.4 GHz) + 2× 4 dBi (5 GHz)	2× Antennas (2.4 GHz) + 2× Antennas (5 GHz)	2× 3 dBi (2.4 GHz) + 2× 5 dBi (5 GHz)	2× 4 dBi (2.4 GHz) + 2× 4 dBi (5 GHz)
Power Supply	802.3at PoE 12 V DC	802.3at PoE 12 V DC	802.3af PoE 24 V Passive PoE	802.3at PoE	802.3at PoE 48 V Passive PoE	802.3af PoE 24 V Passive PoE	802.3at/bt PoE*	802.3af/at PoE**	802.3af/at PoE**
Power Adapter in the Box	√	√	√	TBD	√	√	-	-	-
PoE Out	-	-	-	-	-	-	Standard PoE Out	PoE Passthrough	PoE Passthrough
Weatherproof	-	-	-	IP66	TBD	IP65	-	-	-
Bluetooth	√	TBD	-	√	-	-	√	-	-
Mesh	√	√	√	√	√	√	√	√	-
Seamless Roaming	√	√	√	√	√	√	√	√	-
Concurrent Clients	TBD	256	228	TBD	256	228	TBD	128	200
Recommended Number of Clients*	TBD	75	60	TBD	60	45	TBD	45	30
Coverage	140 m^2 (1500 ft^2)	140 m^2 (1500 ft^2)	115 m^2 (1250 ft^2)	TBD	2.4 GHz: 200m+ 5 GHz: 300m+	2.4 GHz: 200m+ 5 GHz: 300m+	TBD	50 m^2 (600 ft^2)	25 m^2 (300 ft^2)
Management	Cloud Management, MERCUSYS Business App Management, Standalone Management								
Wireless	Beamforming, Airtime Fairness, Band Steering								

*Standard PoE Out is only available when 802.3bt powers the device.
**PoE passthrough is only available when 802.3at powers the device.



Switches

MERCUSYS offers a comprehensive range of SOHO switches to meet your home or business needs. Simplify and expand your network while experiencing fast and stable connections.

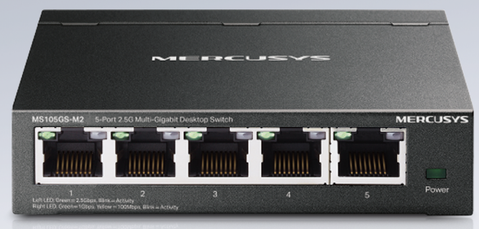
/73 Ethernet Switch

/76 PoE Switch

Ethernet Switches

Upgrade to 2.5G Without Replacing Cables

MERCUSYS 2.5G desktop switches unlock the full potential of your high-speed devices and bandwidth—perfect for gaming, 8K streaming, NAS, servers, and Wi-Fi 7/6 networks at home or in small offices.





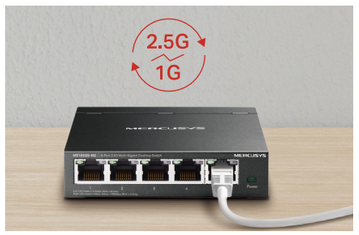
2.5G Multi-Gigabit Unmanaged Switches

Upgrade to a Super-Fast, Futuristic Network Without Changing Cables



2.5 Ports

Super-fast connections.



Hassle-Free Cabling

Upgrade to 2.5G without changing cables*.



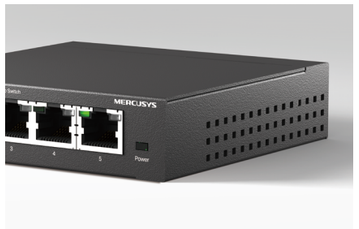
Silent Operation

Industry-leading fanless design.



Plug & Play

Easy installation, no configuration required.



Metal Casing

Premium design with remarkable durability.

Recommended Model



MS108GS-M2

8-Port 2.5G Multi-Gigabit Desktop Switch

- Full 2.5G Ports
- Hassle-Free Cabling
- Silent Operation
- Plug and Play
- Metal Casing



MS105GS-M2

5-Port 2.5G Multi-Gigabit Desktop Switch

- Full 2.5G Ports
- Hassle-Free Cabling
- Silent Operation
- Plug and Play
- Metal Casing

*Only Cat5e or better cables do not need to be replaced.



MS124GS

24-Port Gigabit Desktop/ Rackmount Switch

- Isolation Mode
- Loop Prevention
- Silent Operation
- Plug and Play
- Metal Casing



MS116GS

16-Port Gigabit Desktop/ Rackmount Switch

- Isolation Mode
- Loop Prevention
- Silent Operation
- Plug and Play
- Metal Casing



MS108GS

8-Port Gigabit Desktop Switch

- Silent Operation
- Plug and Play
- Metal Casing



MS105GS

5-Port Gigabit Desktop Switch

- Silent Operation
- Plug and Play
- Metal Casing



MS108G

8-Port Gigabit Desktop Switch

- Silent Operation
- Plug and Play



MS105G

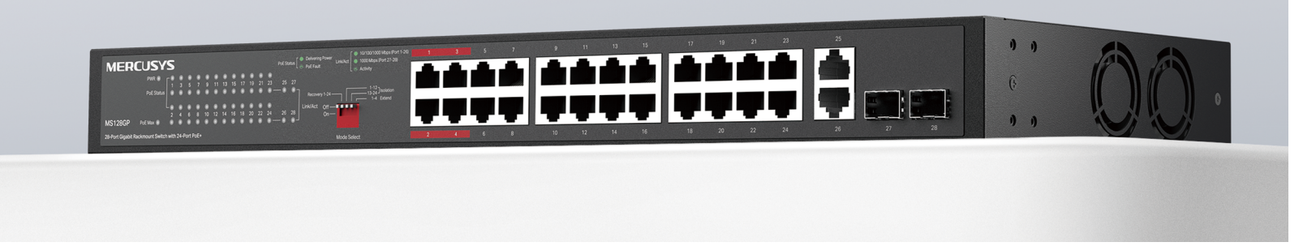
5-Port Gigabit Desktop Switch

- Silent Operation
- Plug and Play

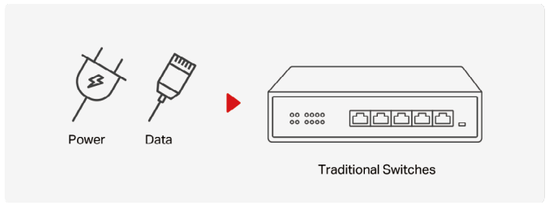
PoE Switches

Simplify Network Deployment with PoE

MERCUSYS PoE switches power IP cameras, access points, phones, and more—with powerful PoE capability to support offices, dorms, surveillance, and small businesses.



Power over Ethernet: Two Cables in One





No Fuss
No electricians needed—easy installation with minimal effort.

Cost-Efficient
Eliminate extra cables and adapters to reduce infrastructure costs.

Flexible Placement
Install devices in more locations, even in complex environments.

Smart Power Management
Optimizes power use and protects devices from power surges.

IEEE 802.3af/at Compliant
Fully supports standard PoE-powered devices for wide compatibility.

Simplified & Reliable Surveillance Network with Abundant Features

PoE Auto Recovery
Detects and recovers data transmissions with PoE-powered devices (PD).

250 m PoE+ Transmission
Long-Range PoE+ transmission up to 250 m in Extend Mode.**

Isolation Mode
One click to divide the traffic of specific ports for stability and security.

Priority Ports
Ensures smooth traffic for latency-sensitive applications such as voice and video.

Metal Casing
Enhances heat dissipation, prevents interference, and ensures stability and durability.

Plug and Play
Easy installation, no configuration required.

**The speed of the ports in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to power consumption of PoE-powered devices or the cable quality and type.



MS128GP
28-Port Gigabit Rackmount Switch with 24-Port PoE+

- 290W PoE Budget
- PoE Auto Recovery (Ports 1-24)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-12/13-24)
- Priority Ports (Ports 1-4)



MS126CP
24-Port 10/100 Mbps + 2-Port Gigabit Rackmount Switch with 24-Port PoE+

- 293W PoE Budget
- PoE Auto Recovery (Ports 1-24)
- Extend Mode (Ports 1-12/13-24)
- Isolation Mode (Ports 1-24)
- Priority Ports (Ports 1-8)



MS120GP
20-Port Gigabit Rackmount Switch with 16-Port PoE+

- 192W PoE Budget
- PoE Auto Recovery (Ports 1-16)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-8/9-16)
- Priority Ports (Ports 1-4)



MS118CP
16-Port 10/100 Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+

- 190W PoE Budget
- PoE Auto Recovery (Ports 1-16)
- Extend Mode (Ports 1-8/9-16)
- Isolation Mode (Ports 1-16)
- Priority Ports (Ports 1-8)



MS112GMP
12-Port Gigabit Desktop Switch with 8-Port PoE+

- 110W PoE Budget
- PoE Auto Recovery (Ports 1-8)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)
- Metal Casing



MS110GMP
10-Port Gigabit Desktop Switch with 8-Port PoE+

- 110W PoE Budget
- PoE Auto Recovery (Ports 1-8)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)
- Metal Casing



MS110CMP
8-Port 10/100 Mbps + 2-Port Gigabit Desktop Switch with 8-Port PoE+

- 115W PoE Budget
- PoE Auto Recovery (Ports 1-8)
- Extend Mode (Ports 1-4/1-8)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)



MS110CP
8-Port 10/100 Mbps + 2-Port Gigabit Desktop Switch with 8-Port PoE+

- 65W PoE Budget
- PoE Auto Recovery (Ports 1-8)
- Extend Mode (Ports 1-4/1-8)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)



MS110P
10-Port 10/100 Mbps Desktop Switch with 8-Port PoE+

- 65W PoE Budget
- PoE Auto Recovery (Ports 1-8)
- Extend Mode (Ports 1-4/1-8)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)
- Metal Casing



MS108GP
8-Port Gigabit Desktop Switch with 7-Port PoE+

- 65W PoE Budget
- PoE Auto Recovery (Ports 1-7)
- Extend Mode (Ports 1-4/1-7)
- Isolation Mode (Ports 1-7)
- Priority Ports (Ports 1-2)
- Metal Casing



MS106GP
6-Port Gigabit Desktop Switch with 4-Port PoE+

- 60W PoE Budget
- PoE Auto Recovery (Ports 1-4)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-8)
- Priority Ports (Ports 1-2)
- Metal Casing



MS106LP
6-Port 10/100 Mbps Desktop Switch with 4-Port PoE+

- 40W PoE Budget
- PoE Auto Recovery (Ports 1-4)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-4)
- Priority Ports (Ports 1-2)
- Metal Casing



MS106P
6-Port 10/100 Mbps Desktop Switch with 4-Port PoE+

- 67W PoE Budget
- PoE Auto Recovery (Ports 1-4)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-4)
- Priority Ports (Ports 1-2)



MS105GP
5-Port Gigabit Desktop Switch with 4-Port PoE+

- 65W PoE Budget
- PoE Auto Recovery (Ports 1-4)
- Extend Mode (Ports 1-4)
- Isolation Mode (Ports 1-4)
- Priority Ports (Ports 1-2)
- Metal Casing

Choose the Right Ethernet Switch for Your Network Deployment

	2.5G		GE						FE	
										
Model	**MS105GS-M2**	**MS108GS-M2**	**MS105G**	**MS105GS**	**MS108G**	**MS108GS**	**MS116GS**	**MS124GS**	**MS105**	**MS108**
Ethernet Ports	5× 2.5 Gbps	8× 2.5 Gbps	5× 1 Gbps	5× 1 Gbps	8× 1 Gbps	8× 1 Gbps	16× 1 Gbps	24× 1 Gbps	5× 100 Mbps	8× 100 Mbps
Dimensions (mm)	99.8×98×25	158×101×25.4	105×70×24.9	99.8×98×25	127×60.3×22	158×99.1×25.2	294×140×44	294×140×44	82×49×21	127×60.2×22
Installation	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Rackmount	Desktop/ Rackmount	Desktop/ Wall Mount	Desktop/ Wall Mount
Fanless	√	√	√	√	√	√	√	√	√	√
Switch Capacity	25 Gbps	40 Gbps	10 Gbps	10 Gbps	16 Gbps	16 Gbps	32 Gbps	48 Gbps	1 Gbps	1.6 Gbps
MAC Address Table	4K	4K	2K	2K	2K	8K	8K	8K	1K	1K
Isolation	-	-	-	-	-	-	√	√	-	-
Loop Prevention	-	-	-	-	-	-	√	√	-	-
Green Ethernet	√	√	√	√	√	√	√	√	√	√
Plug & Play	√	√	√	√	√	√	√	√	√	√
Unmanaged	√	√	√	√	√	√	√	√	√	√
Auto Negotiation	√	√	√	√	√	√	√	√	√	√
Flow Control	√	√	√	√	√	√	√	√	√	√
Extend Mode	-	-	-	-	-	-	-	-	-	-
Shell Material	Metal	Metal	Plastic	Metal	Plastic	Metal	Metal	Metal	Plastic	Plastic

Choose the Right PoE Switch for Your Surveillance Network Deployment

	2.5G		GE					FE						
														
Model	**MS105GP**	**MS106GP**	**MS108GP**	**MS110GMP**	**MS112GMP**	**MS120GP**	**MS128GP**	**MS110CP**	**MS110CMP**	**MS106LP**	**MS106P**	**MS110P**	**MS118CP**	**MS126CP**
Ports	5× 1 Gbps (4× PoE+ Ports)	6× 1 Gbps (4× PoE+ Ports)	8× 1 Gbps (7× PoE+ Ports)	10× 1 Gbps (8× PoE+ Ports)	10× 1 Gbps (8× PoE+ Ports) + 2× SFP	18× 1 Gbps (16× PoE+ Ports) + 2× SFP	26× 1 Gbps (24× PoE+ Ports) + 2× SFP	8× 10/100 Mbps (8× PoE+ Ports) + 2× 1 Gbps	8× 10/100 Mbps (8× PoE+ Ports) + 2× 1 Gbps	6× 10/100 Mbps (4× PoE+ Ports)	6× 10/100 Mbps (4× PoE+ Ports)	10× 10/100 Mbps (8× PoE+ Ports)	16× 10/100 Mbps (16× PoE+ Ports) + 2× Combo	24× 10/100 Mbps (24× PoE+ Ports) + 2× Combo
PoE Budget/W	65	>60 (TBD)	65	111	>=110 (TBD)	192	>290 (TBD)	65	115	40	67	65	190	>293 (TBD)
Dimensions (mm)	99.8×98× 25	99.8×98× 25	171×98× 27	209×126× 26	171×98× 27	440×180× 44	440×180× 44	171×98× 27	171×98× 27	99.8×98× 25	99.8×98× 25	171×98× 27	440×180× 44	440×180× 44
Installation	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Rackmount	Desktop/ Rackmount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Wall Mount	Desktop/ Rackmount	Desktop/ Rackmount
Fanless	√	√	√	√	√	-	-	√	√	√	√	√	-	-
Switch Capacity	10 Gbps	12 Gbps	16 Gbps	20 Gbps	24 Gbps	40 Gbps	56 Gbps	5.6 Gbps	5.6 Gbps	1.2 Gbps	1.2 Gbps	2 Gbps	7.2 Gbps	8.8 Gbps
Plug & Play	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Unmanaged	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Auto Negotiation	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Flow Control	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Isolation Mode	1-4	1-4	1-7	1-4/5-8	1-8	1-8/9-16	1-12/13-24	1-8	1-8	1-4	1-4	1-8	1-16	1-24
Extend Mode	1-4	1-4	1-4/1-7	1-4	1-4	1-4	1-4	1-4/1-8	1-4/1-8	1-4	1-4	1-4/1-8	1-8/9-16	1-12/13-24
PoE Auto Recovery	1-4	1-4	1-7	1-8	1-8	1-16	1-24	1-8	1-8	1-4	1-4	1-8	1-16	1-24
Priority Ports	1-2	1-2	1-2	1-2	1-2	1-4	1-4	-	-	1-2	1-2	1-2	1-8	1-8

Key Technology

/81 Wi-Fi 7

/82 EasyMesh

/83 VPN

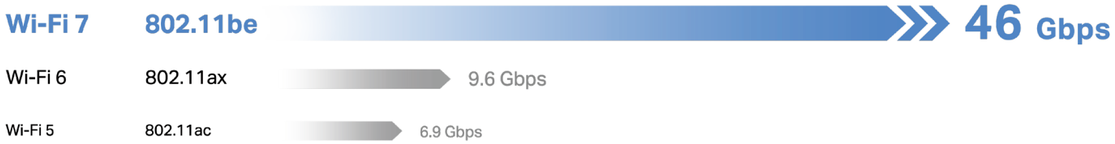
/84 MERCUSYS App

/85 Agile Solution

Wi-Fi 7

Explore the New Era of Home Connectivity

Wi-Fi 7 (IEEE 802.11be EHT) brings faster speeds, lower interference, and higher efficiency—perfect for bandwidth-heavy tasks like 4K streaming, gaming, and video calls. Say goodbye to buffering and lag.



What Wi-Fi 7 Offers

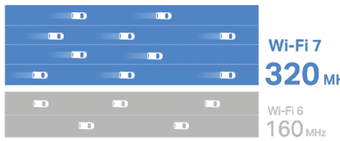
4.8×
Faster
Accelerates throughput up to 46 Gbps for ultra-smooth 8K streaming.*

4×
Lower Latency**
Ultra smooth Wi-Fi with 4× lower latency than Wi-Fi 6/6E routers.

5×
Network Capacity**
With 320 MHz and MLO (Multi-Link Operation), WiFi 7 provides up to 5× larger capacity than Wi-Fi 6 to handle more connected devices.

How Does Wi-Fi 7 Work

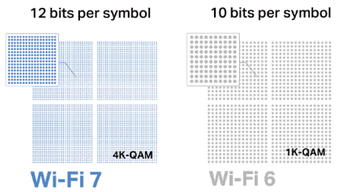
320 MHz High-Capacity Channels
Wi-Fi 7 unleashes the full potential of the 6 GHz spectrum to double the bandwidth compared with Wi-Fi 6.



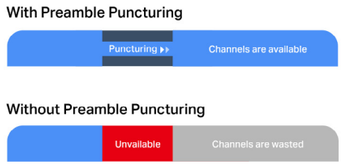
Multi-Link Operation
MLO allows devices to simultaneously send and receive data across different Wi-Fi bands to increase throughput and reduce latency.



4K-QAM Modulation
Each symbol carries 12 bits rather than 10 bits, which packs 20% more data at a time.



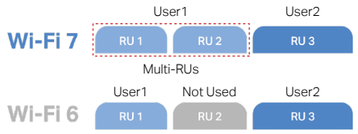
Preamble Puncturing
Based on preamble puncturing, your Wi-Fi can avoid channels with interference and use the additional channels to transmit data.



16×16 MU-MIMO
Wi-Fi 7 increases the number of spatial streams from 8 to 16 and the theoretical physical transmission rate is thus doubled compared with Wi-Fi 6.



Multi-RUs
Wi-Fi 7 allows multiple RUs to be assigned to a single user and can combine RUs for increased transmission efficiency.

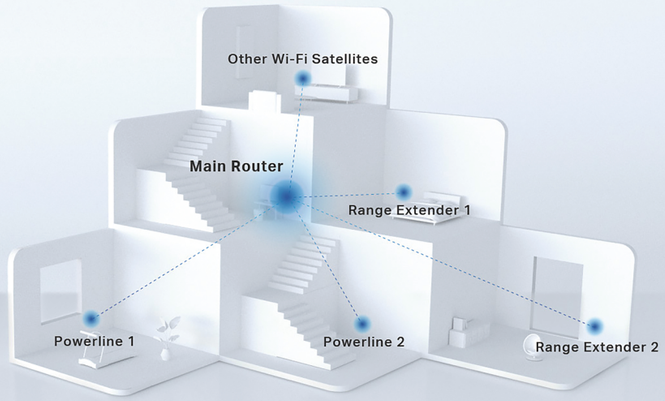


*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials,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

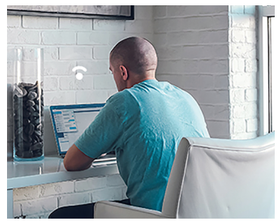
**Data is from laboratory tests.

Build Whole Home Mesh Wi-Fi with EasyMesh

EasyMesh connects multiple access points into one seamless network, delivering smooth, efficient Wi-Fi across every corner of your home and beyond. Easily expand with any EasyMesh-compatible device.



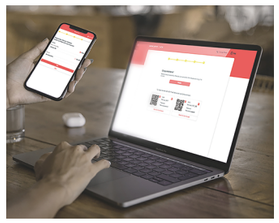
Why EasyMesh?



No signal in the corner?



Dropped connections when switching rooms?



Tired of complex setup instructions?



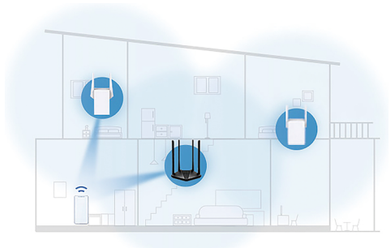
No more budget for a new mesh system?

What EasyMesh Provides



Wider Coverage, Zero Dead Zones

Extend Wi-Fi to every corner and enjoy smooth gaming and streaming anywhere at home.



Seamless Roaming

Devices auto-connect to the strongest signal with one unified Wi-Fi name for uninterrupted coverage.



One-Touch Setup

Press the WPS buttons on your main router and extenders to connect in seconds.



Flexible & Cost-Effective

Easily expand your network with EasyMesh-compatible devices—no need to replace your entire system.



Enhance Your Information Protection

Protect Your Information With Secure Access

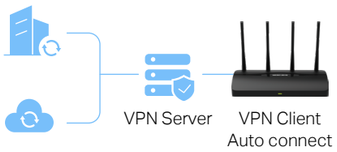
A VPN (Virtual Private Network) is a service that secures your internet connection and privacy online. By creating an encrypted tunnel for your data, it protects your online identity and shields your data from being tracked or stolen.

Protect your home network 24/7

Unlimited connections

High-Speed Performance

Protect all devices



VPN Client

Securely connect to remote VPN servers from anywhere, enabling private, encrypted access to the internet.



VPN Server

Set up a VPN server to securely access your home network from anywhere for desktops, NAS, printers, cameras, and more.



High Compatibility

Supports major VPN protocols like L2TP, PPTP, OpenVPN, and WireGuard.



Easy One-Time Setup

Authenticate once to bring your router online. No need to log in on every device.



Kill Switch Security

Kill Switch automatically cuts your internet if the VPN disconnects, preventing data leaks and protecting your privacy.*

Recommended VPN Products**



MR27BE

BE3600 Dual-Band Wi-Fi 7 Router

OpenVPN: Max 300 Mbps

WireGuard: Max 750 Mbps



MR85X

AX3000 Dual-Band Wi-Fi 6 Router

OpenVPN: Max 500 Mbps

WireGuard: Max 500 Mbps



MR81WX

AX3000 Dual-Band Wi-Fi 6 Router

OpenVPN: Max 500 Mbps

WireGuard: Max 500 Mbps



MR84X-Travel

AX3000 Wi-Fi 6 Travel Router

OpenVPN: Max 500 Mbps

WireGuard: Max 500 Mbps

*This function requires product model support.
**Performance specifications vary by product version. VPN performance may differ across models.

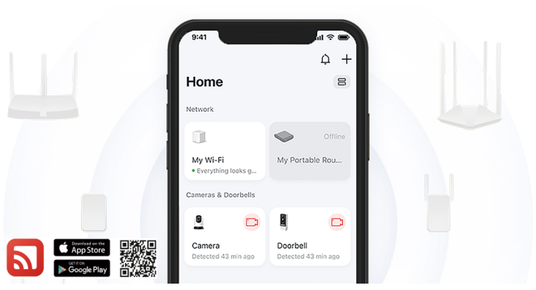


MERCUSYS App

All-in-One Management

Manage Everything with One App

No need for multiple downloads — the MERCUSYS app lets you easily control MERCUSYS routers, Halo mesh systems, smart doorbells, cameras, and more, all in one place.



Smart Network Acceleration

AI QoS for Faster, Smoother Online Experiences

Gaming

4K Streaming

Livestreaming

Video Conferencing

One-Tap Boost
Optimize your network instantly with a single tap.

Smart Scenario Acceleration
Detects activities like gaming, 4K streaming, and video calls, prioritizing bandwidth for smoother performance.

Dynamic Optimization
Automatically adjusts in real time to maintain peak efficiency.

Robust Parental Controls

Build Healthier Online Habits for Your Child



Create Child Profile
Assign profiles to your children with custom access and time limits.

Time Limits
Set time schedules to manage daily online time.

App & Website Filtering
Block inappropriate content, and restrict or set time limits on specific app.

Detailed Usage Reports
Track daily online time, app and website usage with clear visual charts.

Secure Home Network Protection

Shield Your Family's Online World



Malicious Website Blocking**
Automatically blocks harmful and dangerous sites.

Intrusion Prevention**
Detects and blocks suspicious network activity.

IoT Protection**
Real-time defense for all your smart home devices.

Guest Network
Create a separate Wi-Fi for guests to protect your main network.

*All related products can be found in the specification tables. Firmware upgrades may be required to support the function.
**The availability and release schedule of these features will be announced in future product updates.

MERCUSYS Agile Solution

End-to-End Wi-Fi Management Solution for ISPs

ISP Preset
(Configuration Tool)

TR-069
(CPE WAN Management Protocol)

ISP Preset

ISP Preset with Agile Config

MERCUSYS offers ISPs flexible tools to customize device settings in bulk or individually—logo, SSID, password, WAN type, language, and more. Settings remain intact even after a reset, reducing support costs and ongoing maintenance.

General Config
Easily apply default settings to multiple devices based on your needs.

Custom Branding
Replace the device config page logo and favicon with your own branding.

Specific Config
Individually configure devices with unique SSIDs and passwords.

Batch Configuration Made Easy
Apply custom default settings to multiple devices at once. No special tools needed.

Faster Setup
Push configurations instantly. No need to wait for self-initialization.

Batch Firmware Updates
Upgrade firmware across all devices simultaneously for greater efficiency.

Status Monitoring
Track progress and confirm success directly within the tool.

Persistent Default Settings
Configured settings become the new default—even after a reset. Ideal for ISPs delivering customized, ready-to-deploy devices.

Supported Models

Routers

MR47BE 1.0/2.0	MR85X 1.0	MR30G 1.20/1.30	MW325R 3.20
MR37BE 1.0	MR80X 2.20/3.0	AC12G 2.20	MW306R 1.20
MR27BE 1.0/1.20/2.0	MR70X 1.2/2.0	AC12 3.0	MW305R 3.0/3.30
MR25BE 1.0/2.0/3.0	MR60X 2.0/2.2	AC10 1.20	MW302R 1.20
MR25WBE 1.0/2.0/3.0	MR62X 1.0/1.2	MR20 2.0/2.20	MW301R 3.20/3.30
MR90X 1.20	MR50G 1.0	MW330HP 1.20	

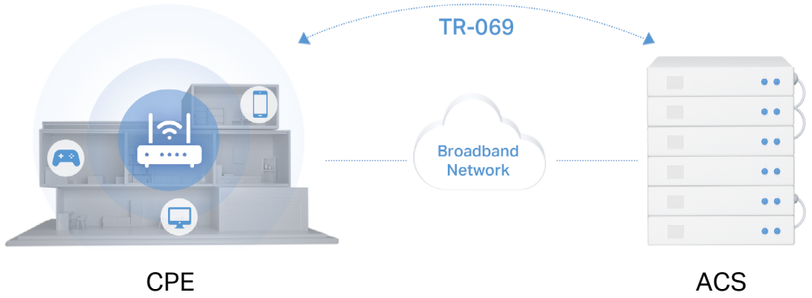
Halo

H47BE 1.0/2.0	H50G 1.0	E27BE 1.0
H27BE 1.0	H30G 1.0	E85X 1.0
H90X 1.0	H32G 1.0	E80X 1.0
H80X 1.0/2.0	H30 1.0	E60X 1.0
H70X 1.0/1.20	E47BE 1.0	
H60X 1.0	E33BE 1.0	

TR-069

What Is TR-069?

Technical Report 069 (TR-069), also kown as CWMP (CPE WAN Management Protocol), defines an application layer protocol for remote management and provisioning of customer-premises equipment (CPE) connected to an Internet Protocol (IP) network.



Management Features

Auto Configuration

CPEs auto-fetch settings from the ACS on startup or when triggered, making service control more flexible for ISPs.

Firmware Upgrades

ISPs easily identify and deploy firmware updates via ACS using TR-069.

Remote Troubleshooting

ISPs can diagnose and fix CPE issues remotely via Probably best not to let this term wrap to the next line, improving efficiency and user experience.

Remote Diagnostics

Monitor network status and schedule regular checks to ensure stable, secure CPE performance.

Centralized Device Management

TR-069 enables grouping and streamlined management of multiple CPEs across the network.

Supported Models

Routers

MR47BE 1.0/2.0	MR80X 2.20/3.0
MR37BE 1.0	MR60X 2.0/2.20
MR27BE 1.0/1.20/2.0	MR70X 1.20/2.0
MR25BE 1.0/2.0/3.0	MR50G 1.0
MR25WBE 1.0/2.0/3.0	AC12G 2.20
MR90X 1.20	MR30G 1.20/1.30

Halo

H47BE 1.0/2.0	H50G 1.0	E27BE 1.0
H27BE 1.0	H30G 1.0	E85X 1.0
H90X 1.0	H32G 1.0	E80X 1.0
H80X 1.0/2.0	H30 1.0	E60X 1.0
H70X 1.0/1.20	E47BE 1.0	
H60X 1.0	E33BE 1.0	

MERCUSYS®

MERCUSYS TECHNOLOGIES CO., LTD.

3F, Zone B, Building R1, High-Tech Industrial Village,
No.023 High-Tech South 4 Road, Nanshan,
Shenzhen, China

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Amazon, Alexa, and all related marks are trademarks of Amazon.com, Inc. or its affiliates. Google Play and Google Home are trademarks of Google LLC. App Store is a service mark of Apple Inc. ©2026 MERCUSYS TECHNOLOGIES CO., LTD.

Note: Images shown are for reference only, actual product images and features may vary.

PN: 8300000281