MERCUSYS

Reliable Internet Access for All





Founded in 2001, MERCUSYS is a leading provider of networking devices. MERCUSYS specializes in providing the essential devices that form the backbone of your connected life. We always adhere to the 4 S's: Simple, Stable, Smooth, Smart. A wide and steadily growing array of Mesh Wi-Fi, Wi-Fi Routers, Wi-Fi Adapters, Range Extenders, Mobile Wi-Fi, and SOHO Switches can help you get the most out of your internet connection and turn your home or small office into a thriving epicenter of connectivity.

What MERCUSYS Offers

We offer a diverse line of networking devices. You can always find the best one for your home or business.

MERCUSYS' Vision

Our vision is to enable all people to have equal access to the internet.

MERCUSYS Goes Global

MERCUSYS is committed to providing products to users around the world. And our product sales cover more than 80 countries and regions around the world.



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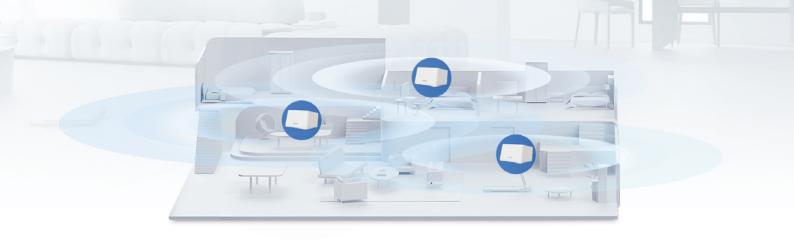
Halo works as a unified system to guarantee a strong Wi-Fi signal in every corner of your home, providing an incredibly fast and stable network experience.

/03 Whole Home Mesh Wi-Fi Solution

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Halo Whole Home Mesh Wi-Fi Solution

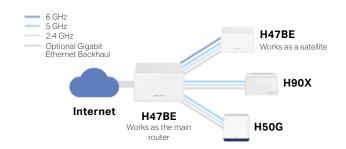
Stream from Every Corner | Non-Stop Entertainment | Signals Never Drop

Eliminates Wi-Fi Dead Zones

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.

Easily Extend Your Coverage

The Halo Whole Home Wi-Fi kit includes multiple units to fit any type of home. If that's not enough, you can expand Mesh Wi-Fi coverage anytime by simply adding more Halos.*



True Seamless Roaming with One Unified Network

Automatically connects your phones or tablets to the fastest node, delivering a truly seamless network experience.



Self-Healing

Intelligently selects the optimal connection route between Halos based on network conditions for stable online performance.



*Please note that the Halo H series and S series cannot work together.

Adaptive Path Selection

Keeps your network running at top speed by intelligently choosing the best available route and band for your data.



Create an Exceptional Mesh Network and Unlock a New World



BE9300 Whole Home Mesh Wi-Fi 7 System



9.3 Gbps Tri-Band Wi-Fi 7

3× 2.5 Gbps WAN/LAN Ports Connects over 200 Devices

Coverage up to 8,500 ft² / 800 m² (3-pack)

Unprecedented Wi-Fi 7

Cutting-Edge Techonologies



A new and clearer band for smoother experience



320 MHz

Double the width to double the speeds



4K-QAM

Packs 20% more data at the same time



Multi-Link Operation

Improve every aspect of your home network

Tri-Band 9300 Mbps

Armed with Wi-Fi 7, Halo H47BE boosts speeds up to an unstoppable 9.3 Gbps. Enjoy smooth whole home mesh Wi-Fi through your home.

Multi-Link Operation

Multi-Link Operation (MLO) enables Halo H47BE to transmit data with Wi-Fi 7 clients across the 6 GHz and 5 GHz bands simultaneously to increase throughput, reduce latency, and improve reliability for online gaming, AR/VR, remote offices, and cloud computing.



Full 2.5 Gbps Multi-Gig Ports

Equipped with 3× 2.5 Gbps ports with WAN/LAN auto-sensing. You can release all the potential of your broadband speeds and plug in your NAS devices for a wired connection.

Add More to Cover More

Deploy Halo H47BE units for seamless coverage. Just add more for greater coverage, reaching up to 8,500 ft² / 800 m² with 3 units.







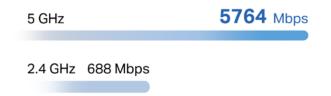
2.5 Gbps Wired Connection





6.5 Gbps Dual-Band Wi-Fi 7 Speeds

Powered by Wi-Fi 7 technology, Halo H37BE delivers incredible Wi-Fi speeds of up to 6.5 Gbps, enabling your devices to run at full speed.



Boosted Throughput, Unmatched Reliability

Multi-Link Operation (MLO) enables Halo H37BE to transmit data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for various networking behaviors.



2.5 Gbps Wired Connection

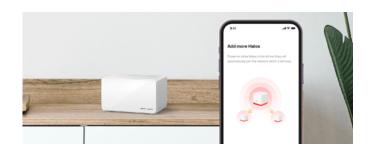
Equipped with 2×2.5 Gbps ports + $1 \times$ Gigabit port with WAN/LAN auto-sensing. Halo H37BE maximizes Gigabit+ speeds delivered by your internet service provider. Break through the 1G bottleneck and unleash peak performance.



Multi-Gig Internet Access 2.5 Gbps Wired Connection

Easy Setup and Management

Follow the on-screen directions with the app to configure the main Halo. Just power up the included add-on unit and it will automatically join the network.





8K Streaming



Video Conferencing



Online Gaming



VR/AR

Upgrade Your Whole Home Network to Wi-Fi 7

BE3600 Whole Home Mesh Wi-Fi 7 System

Halo H27BE



Halo Mesh Wi-Fi 7 System

Wi-Fi 7



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)



New 6 GHz Band

Wider and Clearer



320 MHz Bandwidth

More Width for Faster Speeds



2.5 Gbps Multi-Gig Ports

3× 2.5 Gbps WAN/LAN ports



Improved Capacity

Connects over 200 devices



Whole Home Coverage

Seamless coverage up to 8,500 ft² / 800 m² (3-pack)





Halo H37BE

BE6500 Whole Home Mesh Wi-Fi 7 System



5764 Mbps (5 GHz)+ 688 Mbps (2.4 GHz)

160 MHz Channels

More Width for Faster Speeds

2.5 Gbps Multi-Gig Ports

2× 2.5 Gbps WAN/LAN ports + 1× Gigabit WAN/LAN port

Improved Capacity

Connects over 200 devices

Whole Home Coverage

Seamless coverage up to 7,000 ft² / 650 m² (3-pack)

Wi-Fi 7



Halo H27BE

BE3600 Whole Home Mesh Wi-Fi 7 System

((o)) Dual-Band Wi-Fi 7

2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)

160 MHz Channels

More Width for Faster Speeds

2.5 Gbps Multi-Gig Ports

1× 2.5 Gbps WAN/LAN port + 2× Gigabit WAN/LAN ports

Improved Capacity

Connects over 200 devices

Whole Home Coverage

Seamless coverage up to 7,000 ft² / 650 m² (3-pack)

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

- MERCUSYS App Control: Helps you set up in minutes and manage your Wi-Fi at home or away through your iOS or Android devices.
- Seamless Roaming with One Unified Network: Choose the best signal and enjoy the best connections with one Wi-Fi name and password.
- BSS Color: Marks frames from neighboring networks to increase efficiency.
- WPA3 Security: Provides powerful protection for your home network.
- 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.
- Expand Anytime: Extend your Wi-Fi coverage by adding more Halo H models.



Halo Mesh Wi-Fi 6 System





Halo H90X

AX6000 Whole Home Mesh Wi-Fi 6 System

((o)) Dual-Band Wi-Fi 6 4804 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)

160 MHz Bandwidth

Doubled channel width for faster connections.

2.5 Gbps Multi-Gig Port

1× 2.5 Gbps port + 2× Gigabit ports

Whole Home Coverage

Seamless coverage up to 8,500 ft² / 800 m² (3-pack)

Wi-Fi



Halo H80X

AX3000 Whole Home Mesh Wi-Fi 6 System

Dual-Band Wi-Fi 6

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

160 MHz Bandwidth

Doubled channel width for faster connections.

Full Gigabit Ports

(3-pack)

3× Gigabit ports

Whole Home Coverage

Seamless coverage up

to 7,000 ft² / 650 m²



Halo H70X

AX1800 Whole Home Mesh Wi-Fi 6 System

Dual-Band Wi-Fi 6

1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Wi-Fi 6 Technology

Improves virtually every aspect of your network.

Full Gigabit Ports

3× Gigabit ports

Wi-Fi



Wi-Fi

Halo H60X

AX1500 Whole Home Mesh Wi-Fi 6 System

Dual-Band Wi-Fi 6

1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Wi-Fi 6 Technology

Improves virtually every aspect of your network.

Full Gigabit Ports

Router: 3× Gigbabit WAN/LAN ports

Satellite: 2× Gigabit LAN ports

Whole Home Coverage

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

Whole Home Coverage

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

- MERCUSYS App Control: Helps you set up in minutes and manage your Wi-Fi at home or away through your iOS or Android devices.
- Seamless Roaming with One Unified Network: Choose the best signal and enjoy the best connections with one Wi-Fi name and password.
- BSS Color: Marks frames from neighboring networks to increase efficiency.
- Improved Capacity: OFDMA and MU-MIMO technologies enable over 150 device connections (H60X connects up to 100 devices).
- WPA3 Security: Provides powerful protection for your home network.
- 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.
- Expand Anytime: Extend your Wi-Fi coverage by adding more Halo H models.

Create a Whole Home Mesh Wi-Fi with Halo

AC1900 Whole Home Mesh Wi-Fi System

Halo H50G



Halo Mesh Wi-Fi 5 System



Halo H50G

AC1900 Whole Home Mesh Wi-Fi System

$\underbrace{((\circ))} \quad \text{Dual-Band Wi-Fi}$

1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)

☐ Improved Capacity

Connect over 100 devices

Whole Home Coverage

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

Full Gigabit Ports

3× Gigabit ports



Halo H30G

AC1300 Whole Home Mesh Wi-Fi System

((o)) Dual-Band Wi-Fi

867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Improved Capacity

Connect over 100 devices

△ W

Whole Home Coverage

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

🦳 Gig

Gigabit Ports

2× Gigabit ports



Halo H32G

AC1200 Whole Home Mesh Wi-Fi System

$((\circ))$ Dual-Band Wi-Fi

867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Improved Capacity

Connect over 100 devices

Whole Home Coverage

Seamless coverage up to $3,500 \text{ ft}^2 / 320 \text{ m}^2$ (3-pack)

Gigabit and Fast Ethernet Ports

Router: 2× Gigbabit ports Satellite: 2× 10/100 Mbps ports



Halo H₃0

AC1200 Whole Home Mesh Wi-Fi System

((o)) Dual-Band Wi-Fi

867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Improved Capacity

Connect over 100 devices

Whole Home Coverage

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

Fast Ethernet Ports

2× 10/100 Mbps ports

- MERCUSYS App Control: Helps you set up in minutes and manage your Wi-Fi at home or away through your iOS or Android devices.
- Seamless Roaming with One Unified Network: Choose the best signal and enjoy the best connections with one Wi-Fi name and password.
- 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.
- Expand Anytime: Extend your Wi-Fi coverage by adding more Halo H models.

Choose the Right Halo Mesh System for Your Home

			Wi-Fi 7			
Арр	earance			Halo H27BE		
N	Model	Halo H47BE	Halo H37BE			
Wi-	Fi Class	BE9300	BE6500	BE3600		
P	Packs	3-pack/2-pack	3-pack/2-pack	3-pack/2-pack		
	Antennas	Internal Antennas	Internal Antennas	Internal Antennas		
Hardware	Button	1× Reset	1× Reset	1× Reset		
	Ports	3× 2.5 Gbps WAN/LAN Ports	2× 2.5 Gbps WAN/LAN Ports + 1× Gigabit WAN/LAN Port	1× 2.5 Gbps WAN/LAN Ports + 2× Gigabit WAN/LAN Ports		
	Speed	5764 Mbps 6 GHz 2880 Mbps 5 GHz 688 Mbps 2.4 GHz	5764 Mbps 5 GHz 688 Mbps 2.4 GHz	2882 Mbps 5 GHz 688 Mbps 2.4 GHz		
	Wi-Fi Coverage	8,500 ft² / 800 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)		
	Capacity	Connects over 200 Devices	Connects over 200 Devices	Connects over 200 Devices		
	OFDMA	•	•	•		
	4K-QAM	•	•	•		
Wi-Fi	EHT320	•	-	-		
Features	MLO	•	•	•		
	MU-MIMO	•	•	•		
	Self-Healing	•	•	•		
	Beamforming	•	•	•		
	AP Steering	•	•	•		
	Band Steering	•	•	•		
	Ethernet Backhaul	•	•	•		
	IPTV	•	•	•		
	IPV6	•	•	•		
	AP Mode	•	•	•		
Software	Parental Controls	•	•	•		
	Guest Network	•	•	•		
	Device Management	•	•	•		
	Арр	•	•	•		
	TR-069	•	•	•		
	Agile Config (ISP Preset)	•	•	•		

Choose the Right Halo Mesh System for Your Home

			Wi-	·Fi 6		Wi-Fi 5					
Арр	earance				G)	ŢĮ.	GD.	ĴĴ	(h)		
	Model	Halo H90X	Halo H80X	Halo H70X	Halo H60X	Halo H50G	Halo H30G	Halo H32G	Halo H30		
Wi-Fi Class		AX6000	AX3000	AX1800	AX1500	AC1900	AC1300	AC1200	AC1200		
						3-pack/2-pack/	3-pack/2-pack/				
·	Packs	3-pack/2-pack	3-pack/2-pack	3-pack/2-pack	3-pack/2-pack	1-pack		3-pack/2-pack	3-pack/2-pack		
	Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas	Internal Antennas		
Hardware	Button	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset	1× Reset		
	Ports	1× 2.5Gbps Port 2× Gigabit Ports	3× Gigabit Ports	3× Gigabit Ports	Router: 3× Gigabit Ports Satellite: 2× Gigabit LAN Ports	3× Gigabit Ports	2× Gigabit Ports	Router: 2× Gigabit Ports Satellite: 2× 10/100 Mbps Ports	2× 10/100 Mbps Ports		
	Speed	4804 Mbps 5 GHz 1148 Mbps 2.4 GHz	2402 Mbps 5 GHz 574 Mbps 2.4 GHz	1201 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	867 Mbps 5 GHz 300 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz		
	Wi-Fi Coverage	8,500 ft ² / 800 m ² (3-pack) 6,000 ft ² / 550 m ² (2-pack)	7,000 ft² / 650 m² (3-pack) 5,000 ft² / 460 m² (2-pack)	6,000 ft² / 550 m² (3-pack) 4,000 ft² / 350 m² (2-pack)	6,000 ft² / 550 m² (3-pack) 4,000 ft² / 350 m² (2-pack)	6,000 ft² / 550 m² (3-pack) 4,000 ft² / 350 m² (2-pack) 2,500 ft² / 230 m² (1-pack)	3,500 ft² / 320 m² (3-pack) 2,800 ft² / 260 m² (2-pack) 1,800 ft² / 160 m² (1-pack)	3,500 ft² / 320 m² (3-pack) 2,800 ft² / 260 m² (2-pack)	3,500 ft ² / 320 m ² (3-pack) 2,800 ft ² / 260 m ² (2-pack)		
	Capacity	Connects over 150 Devices	Connects over 150 Devices	Connects over 150 Devices	Connects over 100 Devices	Connects over 100 Devices	Connects up to 100 Devices	Connects up to 100 Devices	Connects up to 100 Devices		
	OFDMA	•	•	•	•	-	-	-	-		
Wi-Fi	1024-QAM	•	•	•	•	-	-	-	-		
Features	HE160	•	•	-	-	-	-	-	-		
	MU-MIMO	•	•	•	•	•	•	•	•		
	Self-Healing	•	•	•	•	•	•	•	•		
	Beamforming	•	•	•	•	•	•	•	•		
	AP Steering	•	•	•	•	•	•	•	•		
	Band Steering	•	•	•	•	•	•	•	•		
	Ethernet Backhaul	•	•	•	•	•	•	•	•		
	IPTV	•	•	•	•	•	•	•	•		
	IPV6	•	•	•	•	•	•	•	•		
	AP Mode	•	•	•	•	•	•	•	•		
	Parental Controls	•	•	•	•	•	•	•	•		
Software	Guest Network	•	•	•	•	•	•	•	•		
	Device Management	•	•	•	•	•	•	•	•		
	Арр	•	•	•	•	•	•	•	•		
	Agile Config (ISP Preset)	•	•	•	•	•	•	•	•		
	TR-069	•	•	•	•	•	•	•	•		





Wi-Fi Routers

The dependable and secure network your house deserves is provided by MERCUSYS Wi-Fi routers. Our selection of models offers an answer for any circumstance. Each one provides consumers with the most straightforward management while providing quick and reliable Wi-Fi. With an app-based setup process and family-friendly features, you have full control over your connections.

/13 Wi-Fi 7 Routers

/15 Wi-Fi 6 Routers

/17 Wi-Fi 5 Routers

/18 Wi-Fi 4 Routers

Bring Your Home Network to a New World

BE9300 Tri-Band Wi-Fi 7 Router

9.3 Gbps Tri-Band Wi-Fi 7

Enhanced **WPA3 Security** Easy App Control

Wi-Fi 7 Takes Your Network to the Next Level

Wi-Fi 7, the latest Wi-Fi standard, has arrived with jaw-dropping performance—offering accelerated throughput, lower latency, stronger anti-jamming, and higher efficiency. Join the pros and experience the sheer performance of the next generation of Wi-Fi.





New 6 GHz Band for Faster Speeds



Double the Channel Width and Speeds



Packs 20% More Data than Wi-Fi 6

Wi-Fi 7



4× Lower Latency



Multi-Link Operation

Blazing Fast 9.3 Gbps Leads to Amazing Experiences

Armed with Wi-Fi 7, MR47BE reaches unstoppable speeds up to 9.3 Gbps. Multi-Link Operation (MLO) enables Wi-Fi 7 routers to transmit data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for online gaming, AR/VR, remote offices, and cloud computing.



Multi-Link Operation

Full 2.5 Gbps Ports for Higher **Network Performance**

Equipped with 1× 2.5 Gbps WAN port and 3× 2.5 Gbps LAN ports. MR47BE allows you to take full advantage of your broadband speed. Plug your PCs, smart TVs, game consoles or NAS devices into the ports for blazing-fast wired connections



6× External Antennas for **Extreme Coverage**

6× omni-directional antennas, proprietary Wi-Fi optimization, and Beamforming technology deliver broader coverage, more capacity, stronger and more reliable connections, and less interference.



Cover Your Whole Home with EasyMesh

Set up a whole home mesh network with one Wi-Fi name and password with any other APs that support EasyMesh from multiple vendors. Enjoy flexible, scalable, and seamless mesh Wi-Fi throughout your home.



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



Wi-Fi 7 (802.11 be) Routers



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× Omni-directional antennas



MR37BE

BE6500 Dual-Band Wi-Fi 7 Router



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 × Gigabit LAN Ports



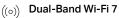
Stronger Signals

6× Omni-directional antennas



MR27BE

BE3600 Dual-Band Wi-Fi 7 Router



2880Mbps (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 × Gigabit LAN Ports



Stronger Signals

4× Omni-directional antennas





MR25BE

BE3600 Dual-Band Wi-Fi 7 Router

((o)) Dual-Band Wi-Fi 7

2880Mbps (5 GHz) + 688 Mbps (2.4 GHz)



Full Gigabit Ports

1× Gigabit WAN Port + 3× Gigabit LAN Ports

Stronger Signals

4× Omni-directional 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 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 setup and provides varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness.



Wi-Fi 6 Made Faster and Smarter

AX1500 Wi-Fi 6 Router

MR62X

1500 Mbps | 4× High-Gain Antennas | Gigabit Ethernet Port

Level Up Your Speeds with Wi-Fi 6

Enjoy unrivaled levels of speed with next-gen Wi-Fi 6. By combining 1024-QAM and a long OFDM symbol, MR62X delivers total speeds of up to 1500 Mbps.

4× More Devices Connected **Simultaneously**

With MU-MIMO and OFDMA, MR62X transmits data to and from multiple devices at the same time, greatly increasing your devices' transmission efficiency.

5 GHz 1201 Mbps

2.4 GHz 300 Mbps



Immerse Your Home in Wi-Fi

Four powerful high-gain antennas provide strong signals throughout your home. Beamforming detects your connected devices and concentrates wireless signal strength towards them, making your connections more stable.



Overall Security Protection

The latest security standard, WPA3, provides improved comprehensive Wi-Fi protection to defend your devices and private information against brute-force attacks.



Abundant Features for Any Needs

Eco-Friendly Power Saving

Less Wi-Fi Interference

Smart Connect

MERCUSYS App Control



Parental Controls



Quality of Service



Wi-Fi 6 (802.11 ax) Routers



MR90X

AX6000 8-Stream Wi-Fi 6 Router

((o)) Dual-Band Wi-Fi 6

4804 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)

Quad-Core Processor

Robust 1.6 GHz processor handles massive data throughput

(((n))) Stronger Signals

8× Adjustable high-gain antennas

2.5 Gbps Multi-Gig Port

1× 2.5 Gbps Port + 3× Gigabit Ports

Wi-Fi



MR80X

AX3000 Dual-Band Wi-Fi 6 Router

((o)) Dual-Band Wi-Fi 6

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

Dual-Core Processor

Powerful Wi-Fi 6 chipset handles massive data throughput

((رر))) Stronger Signals

4× Adjustable high-gain antennas

Full Gigabit Ports

4× Gigabit ports

Wi-Fi



MR70X

AX1800 Dual-Band Wi-Fi 6 Router

((o)) Dual-Band Wi-Fi 6

1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

(((n))) Stronger Signals

4× Omni-directional antennas

Full Gigabit Ports

4× Gigabit ports

Wi-Fi



MR60X

AX1500 Wi-Fi 6 Router

$\big(\!(\circ)\!\big) \quad \text{Dual-Band Wi-Fi}$

1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

((ຖາ)) Stronger Signals

4× Omni-directional antennas

Full Gigabit Ports

3× Gigabit ports

- 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 setup and provides varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness.



Wi-Fi 5 (802.11 ac) Routers



MR50G

AC1900 Wireless Dual-Band Gigabit Router

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

Full Gigabit Ports

3× Gigabit ports



AC12

AC1200 Wireless Dual-Band Router

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

Fast Ethernet Ports
4× 10/100 Mbps ports



MR30G

AC1200 Wireless Dual-Band Gigabit Router

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

Full Gigabit Ports

3× Gigabit ports



AC10

AC1200 Wireless Dual-Band Router

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

Fast Ethernet Ports
3× 10/100 Mbps ports



AC12G

AC1300 Wireless Dual-Band Gigabit Router

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

Full Gigabit Ports

4× Gigabit ports



MR20

AC750 Wireless Dual-Band Router

((o)) **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 setup and provides varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness.

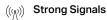


Wi-Fi 4 (802.11 n) Routers



MW330HP

300 Mbps High-Power Wireless N Router



3× High-gain antennas

Fast Ethernet Ports

4× 10/100 Mbps ports



MW305R

300 Mbps Wireless N Router

(('(n))) Strong Signals

3× High-gain antennas

Fast Ethernet Ports

4× 10/100 Mbps ports



MW325R

300 Mbps Enhanced Wireless N Router

(((n))) Strong Signals

4× 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 Ports3× 10/100 Mbps ports

☐ Multi-Mode

Router/Access Point/Range Extender/WISP Mode



MW306R

300 Mbps Multi-Mode Wireless N Router

(((g))) Strong Signals

3× High-gain antennas

Fast Ethernet Ports

4× 10/100 Mbps ports

Multi-Mode

Router/Access Point/Range Extender/WISP Mode



MW301R

300 Mbps Wireless N Router

((ເ_ງາ)) Strong Signals

2× High-gain antennas

Fast Ethernet Ports
3× 10/100 Mbps ports

- ${
 m N300\,Wi-Fi:}$ 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								
	VIIII								
Model	MR47BE	MR37BE	MR27BE	MR25BE					
Wi-Fi Class	BE9300	BE6500	BE3600	BE3600					
Wi-Fi (2.4 GHz)	688 Mbps	688 Mbps	688 Mbps	688 Mbps					
Wi-Fi (5 GHz)	2880 Mbps	5760 Mbps	2880 Mbps	2880 Mbps					
Wi-Fi (6 GHz)	5760 Mbps	-	-	-					
Ethernet Ports	1× 2.5 Gbps WAN Port + 3× 2.5 Gbps LAN Ports	1× 2.5 Gbps WAN Port + 1× 2.5 Gbps LAN Port + 2× Gigabit LAN Ports	1× 2.5 Gbps WAN Port + 1× 2.5 Gbps LAN Port + 2× Gigabit LAN Ports	1× Gigabit WAN Port + 3× Gigabit LAN Ports					
Antennas	6× Omni-directional antennas	6× Omni-directional antennas	4× Omni-directional antennas	4× Omni-directional antennas					
EHT320	•	-	-	-					
4K-QAM	•	•	•	•					
Multi-Link Operation	•	•	•	•					
WPS Button	•	•	•	•					
ми-мімо	•	•	•	•					
Beamforming	•	•	•	•					
Smart Connect	•	•	•	•					
OFDMA	•	•	•	•					
IPTV	•	•	•	•					
IPV6	•	•	•	•					
QoS	•	•	•	•					
Guest Network	•	•	•	•					
Parental Controls	•	•	•	•					
Multi-Mode (Router/AP/RE/WISP Mode)	AP Mode	AP Mode	AP Mode	AP Mode					
EasyMesh-Compatible	•	•	•	•					
Superadmin	•	•	•	•					
Agile Config (ISP Preset)	•	•	•	•					
Easy Installation	•	•	•	•					
TR-069	•	•	•	•					
App Support	•	•	•	•					

Choose the Right Wi-Fi Router for Your Home

	Wi-Fi 6						Wi-Fi 5				
Model	MR90X	MR80X	MR70X	MR62X	MR60X	MR50G	MR30G	AC12G	AC12		
Version	1.20	2.20	1.20	1.0	2.0	1.0	1.20/1.30	2.20	3.0		
Wi-Fi Class	AX6000	AX3000	AX1800	AX1500	AX1500	AC1900	AC1200	AC1300	AC1200		
Wi-Fi (2.4 GHz)	1148 Mbps	574 Mbps	574 Mbps	300 Mbps	300 Mbps	600 Mbps	300 Mbps	400 Mbps	300 Mbps		
Wi-Fi (5 GHz)	4804 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	1201 Mbps	1300 Mbps	867 Mbps	867 Mbps	867 Mbps		
Ethernet Ports	1× 2.5 Gbps Port 3× Gigabit Ports	4× Gigabit Ports	4× Gigabit Ports	3× Gigabit Ports	3× Gigabit Ports	3× Gigabit Ports	3× Gigabit Ports	4× Gigabit Ports	4× 10/100 Mbps Ports		
Antennas	8× 5 dBi	4× 5 dBi	4× 5 dBi	4×5 dBi	4×5 dBi	6× 5 dBi	4× 5 dBi	4× 5 dBi	4× 5 dBi		
WPS Button	•	•	•	•	•	•	•	•	•		
MU-MIMO	•	•	•	•	•	•	•	•	•		
Beamforming	•	•	•	•	•	•	•	•	•		
Smart Connect	•	•	•	•	•	•	•	•	-		
OFDMA	•	•	•	•	•	-	-	-	-		
IPTV	•	•	•	•	•	•	•	•	•		
IPV6	•	•	•	•	•	•	•	•	•		
QoS	•	•	•	•	•	•	•	•	•		
Guest Network	•	•	•	•	•	•	•	•	•		
Parental Controls	•	•	•	•	•	•	•	•	•		
Multi-Mode (Router/AP/RE/ WISP Mode)	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP Mode	AP/RE Mode		
App Support	•	•	•	•	•	•	•	•	•		
EasyMesh- Compatible	•	•	•	•	•	•	•	•	-		
Superadmin	•	•	•	•	•	•	•	•	-		
Agile Config 2.1 (ISP Preset)	•	•	•	•	•	•	•	•	•		
TR-069	•	•	•	•	•	•	•	•	-		

Choose the Right Wi-Fi Router for Your Home

	Wi-	·Fi 5	Wi-Fi 4									
Model	AC10	MR20	MW330HP	MW325R	MW306R	MW305R	MW302R	MW301R				
Version	1.20	2.0/2.20	1.20	3.20	1.20	3.0	1.20	3.20				
Wi-Fi Class	AC1200	AC750	N300	N300	N300	N300	N300	N300				
Wi-Fi (2.4 GHz)	300 Mbps											
Wi-Fi (5 GHz)	867 Mbps	433 Mbps	-	-	-	-	-	-				
Ethernet Ports	3× 10/100 Mbps Ports	3× 10/100 Mbps Ports	4× 10/100 Mbps Ports	4× 10/100 Mbps Ports	4× 10/100 Mbps Ports	4× 10/100 Mbps Ports	3× 10/100 Mbps Ports	3× 10/100 Mbps Ports				
Antennas	4× 5 dBi	2×5 dBi	3×7 dBi	4× 5 dBi	3× 5 dBi	3×5 dBi	2× 5 dBi	2× 5 dBi				
WPS Button	•	•	•	-	•	•	-	-				
MU-MIMO	•	-	-	-	-	-	-	-				
Beam- forming	•	-	-	-	-	-	-	-				
Smart Connect	-	-	-	-	-	-	-	-				
Easy Installation	•	•	•	•	•	•	•	•				
IPTV	•	•	•	•	•	•	•	•				
IPV6	•	•	•	•	•	•	•	•				
QoS	•	•	-	•	•	•	•	•				
Guest Network	•	•	•	•	•	•	•	•				
Parental Controls	•	•	•	•	•	•	•	•				
Multi-Mode (Router/AP/ RE/WISP Mode)	AP/RE Mode	AP/RE Mode	-	•	•	-	•	-				
App Support	•	•	•	•	•	•	•	•				
EasyMesh- Compatible	-	-	-	-	-	-	-	-				
Superadmin	-	-	-	-	-	-	-	-				
ISP Preset (Agile Config)	●*	•*	•	•*	•*	•*	•*	•*				
TR-069	-	-	-	-	-	-	-	-				



5G/4G Routers

Enjoy the flexibility of a wireless connection. A 5G/4G router can raise the value of your SIM card or dongle. Years of field testing guarantee SIM card compatibility in more than 100 countries. Without any configuration required, just insert your SIM card and begin using your devices. You can share the Wi-Fi with your friends, family members, or coworkers with MERCUSYS's 5G/4G routers.

/23 5G Router

/24 4G+ Cat6 Routers

/25 4G LTE Routers

Enjoy the All-Round Breakthrough 5G Network Anywhere

5G AX1500 Wireless Dual-Band Gigabit Router

MB510-5G



5G Router

What is 5G

5G is the 5th generation mobile network, which enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.



Plug Your Nano SIM Card and Play

Insert a nano SIM card and turn on the router to share your 5G network with multiple Wi-Fi devices.



Get Wi-Fi Where You Need It

Enjoy unparalleled convenience and versatility with fast, stable Wi-Fi, whether you're at home or working remotely.









Home Office

Temporary Store

Remote Area

Holiday Home

I Share 5G Speed with Reliable Wi-Fi

Thanks to cutting-edge 5G tech, MB510-5G raises download speeds up to 2.6 Gbps, fulfilling your devices' needs. Armed with Wi-Fi 6 technology, MB510-5G is designed to deliver a huge boost in coverage, speed, and total capacity.





EasyMesh-Compatible

Flexibly create your whole home mesh Wi-Fi



Full Gigabit Ports

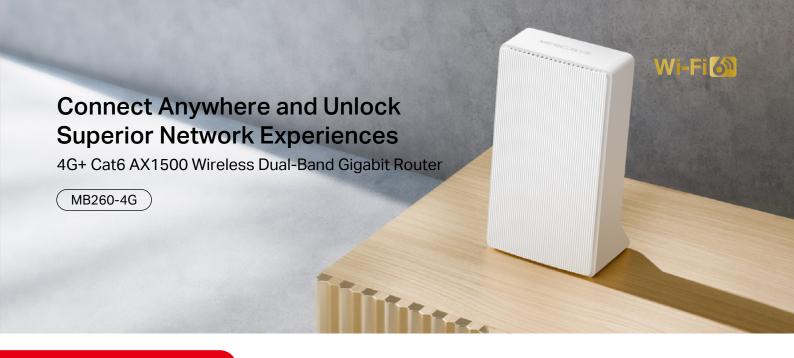
1× Gigabit LAN/WAN port +

1× Gigabit LAN port



More Capacity

Connect over 100 devices



4G+ Cat6 Routers



Wi-Fi

MB260-4G 4G+ Cat6 AX1500 Wireless Dual-Band Gigabit Router

4G+ Cat6

Download up to 300 Mbps Upload up to 50 Mbps

Gigabit Ports

1× Gigabit WAN/LAN Port + 1× Gigabit LAN Port

((o)) AX1500 Dual-Band Wi-Fi

1201 Mbps (5 GHz) + 300 Mbps (2.4GHz)

SIM Plug and Play

Plug in your nano SIM card and create the Wi-Fi



MB230-4G

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

4G+ Cat6

Download up to 300 Mbps Upload up to 50 Mbps

Gigabit Port

1× Gigabit WAN/LAN Port + 1× Gigabit LAN Port

((o)) AC1200 Dual-Band Wi-Fi

867 Mbps (5 GHz) + 300 Mbps (2.4GHz)

SIM Plug and Play

Plug in your nano SIM card and create the Wi-Fi

- Easy Installation: Our intuitive webpage or MERCUSYS app guides you through the setup process in minutes.
- TR-069: Leverage TR-069 for highly customizable remote device management. Integrate MERCUSYS TR-069 devices into your existing system or build a private ACS system for future scalability.
- Connect up to 32 Devices: Give your devices a stable connection.
- MERCUSYS App: Helps setup and provides varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness.



4G LTE Routers



MB130-4G

AC1200 Wireless Dual-Band 4G LTE Router

4G Cat4

Download up to 150 Mbps Upload up to 50 Mbps

((o)) AC1200 Dual-Band Wi-Fi

867 Mbps (5 GHz) + 300 Mbps (2.4GHz)

Fast Ethernet Ports

2× 10/100 Mbps ports

SIM Plug and Play

Plug in your nano SIM card and create the Wi-Fi

Stable Connections

Connect up to 32 devices



MB112-4G

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 2.4GHz

Fast Ethernet Ports

2× 10/100 Mbps ports

SIM Plug and Play

Plug in your nano SIM card and create the Wi-Fi

Stable Connections

Connect up to 32 devices



MB110-4G

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 2.4GHz

Fast Ethernet Ports

2× 10/100 Mbps ports

SIM Plug and Play

Plug in your nano SIM card and create the Wi-Fi

Stable Connections

Connect up to 32 devices

- Easy Installation: Our intuitive webpage or MERCUSYS app guides you through the setup process in minutes.
- TR-069: Leverage TR-069 for highly customizable remote device management. Integrate MERCUSYS TR-069 devices into your existing system or build a private ACS system for future scalability.
- MERCUSYS App: Helps setup and provides varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness.

Choose the Right 5G/4G Router for You

	5G Router	4G+ Cat6	Routers	4G LTE Routers				
Model	MB510-5G	MB260-4G	MB230-4G	MB130-4G	MB112-4G	MB110-4G		
Version	1.0	1.0	1.0 1.0		1.0	2.0		
5G	5G NR: N1/N3/N5/N7/N8/ N20/N28/N38/N40/N41/ N71/N77/N78	-	-	-	-	-		
LTE Standard	Cat12	4G+ Cat6	4G+ Cat6	4G LTE Cat4	4G LTE Cat4	4G LTE Cat4		
LTE Download Speed	600 Mbps	300 Mbps	300 Mbps	150 Mbps	150 Mbps	150 Mbps		
LTE Upload Speed	150 Mbps	50 Mbps	50 Mbps	50 Mbps	50 Mbps	50 Mbps		
FDD	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	B1/B3/B5/B7/B8/B20/B28		
TDD	B38/B40/B41 B38/B		B38/B40	B38/B40 B38/B40		B38/B40		
3G	B1/B5/B8 B1/B5/B8		B1/B5/B8	B1/B5/B8	B1/B5/B8	B1/B5/B8		
Ethernet Ports	1× GE LAN + 1× GE LAN/WAN	1× GE LAN + 1× GE LAN/WAN	1× GE LAN + 1× GE LAN/WAN	1× FE LAN + 1× FE LAN/WAN	1× FE LAN + 1× FE LAN/WAN	1× FE LAN + 1× FE LAN/WAN		
Wireless Standard	AX1500	AX1500	AC1200 AC1200		N300	N300		
Wi-Fi (2.4G)	300 Mbps	300 Mbps	300 Mbps 300 Mbps		300 Mbps	300 Mbps		
Wi-Fi (5G)	1201 Mbps	1201 Mbps	867 Mbps	867 Mbps	-	-		
Co-Current Clients	128	64	64	32	32	32		
Parental Controls	•	•	•	•	•	•		
QoS/Bandwidth Control	QoS	QoS	QoS	QoS	-	-		
MERCUSYS App	•	•	•	•	•			
EasyMesh	•	•	•	-	-			
Antennas	Internal	Internal	Internal	Internal	Internal	Internal		
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 LTE antennas to deliver a smooth connection. Enjoy fast and stable Wi-Fi, whether you're at home or working remote.

/28 4G MiFi

Go and Connect Anywhere

MERCUSYS 4G LTE Mobile Wi-Fi

MT110



4G LTE Speeds up to 150 Mbps SIM Card Plug and Play

10 Hours Usage

Easy App Control

I Go Anywhere and Connect **Everywhere with Superfast 4G LTE**

MT110 uses 4G LTE technology to achieve superfast speeds up to 150 Mbps download and 50 Mbps upload. It can also share a Wi-Fi network with a maximum speed of 150 Mbps on 2.4 GHz for gaming, streaming, and more.



I Get Wi-Fi Where You Need It

Enjoy unparalleled convenience and versatility with fast, stable Wi-Fi, whether you're at home or working remotely.







Outdoors

On the Road

Business

I Enjoy Practical Mobile Wi-Fi



Connect up to 10 Devices



10 Hours of Usage



SIM Card Plug and Play



Easy App Control



Range Extenders

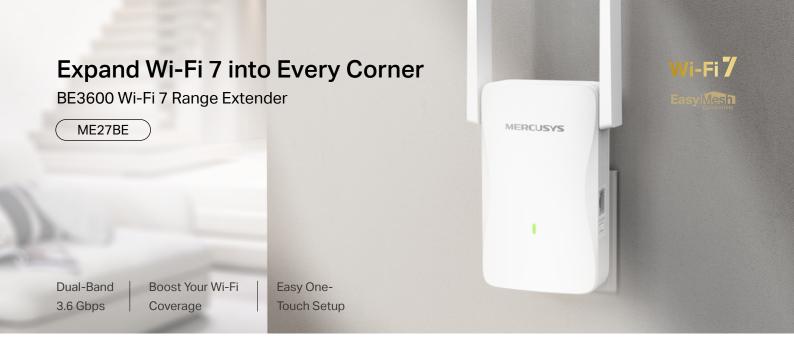
MERCUSYS's range extenders help eliminate dead zones by boosting your wireless networks in your home and office. This ensures your mobile, media, and computer devices are always connected and ready for wireless action.

/30 Wi-Fi 7 Range Extender

/31 Wi-Fi 6 Range Extenders

/32 Wi-Fi 5 Range Extenders

/33 Wi-Fi 4 Range Extenders



Wi-Fi 7 Range Extender

Wi-Fi 7 Brings Your Network to the Next Level

Wi-Fi 7, the latest Wi-Fi standard, has arrived with jaw-dropping performance—offering accelerated throughput, lower latency, stronger antijamming, and higher efficiency. Join the pros and experience the sheer performance of the next generation of Wi-Fi.



I Enjoy the Lighting-Fast and Smooth Wi-Fi 7

Armed with Wi-Fi 7, ME27BE lets you enjoy fluid 8K streaming. VR/AR, video conferencing, online gaming, and fast downloads. Effortlessly bring your home network into the world of Wi-Fi 7.



Multi-Link Operation

Multi-Link Operation (MLO) enables ME27BE to transmit data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for various networking behaviors.



Boost Your Wi-Fi Coverage with EasyMesh

ME27BE is compatible with EasyMesh, enabling you to set up a whole home mesh network with one Wi-Fi name and password with any other AP that support EasyMesh from multiple vendors. Enjoy flexible, scalable, and seamless mesh Wi-Fi throughout your home!



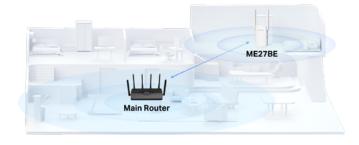
Flexible Wi-Fi Range Expansion



Works with Different Vendors



Seamless Wi-Fi Connections





Two Adjustable High-Gain Antennas



Built-in Access Point Mode



Gigabit Ethernet Connection



MERCUSYS App Control



Wi-Fi 6 Range Extenders



ME80X

AX3000 Wi-Fi 6 Range Extender

((o)) **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× Gigabit port

EasyMesh-Compatible Flexibly create your whole

home mesh Wi-Fi

Wi-Fi 🚳

ME60X

AX1500 Wi-Fi 6 Range Extender

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

(((n))) Stable Signals

2× Adjustable high-gain antennas

Stronger Gigabit Connection

1× Gigabit port

EasyMesh-Compatible

Flexibly create your whole home mesh Wi-Fi

- 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 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.
- **High-Speed Mode:** Helps you get 100% boosted performance by using one dedicated band as backhaul and another band as an access point.
- Signal Indicator: Multicolor LED helps you find the right location for your range extender for the best Wi-Fi extension.
- MERCUSYS App: Helps setup and provides varied software functions such as Parental Controls and Guest Network for safety and effectiveness.



Wi-Fi 5 Range Extenders



ME50G

AC1900 Wi-Fi Range Extender

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









ME30

AC1200 Wi-Fi Range Extender

((o)) **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

((o)) **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 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.
- **High-Speed Mode:** Helps you get 100% boosted performance by using one dedicated band as backhaul and another band as an access point.
- $\bullet \ \ \textbf{Signal Indicator:} \ \textbf{Multicolor LED helps you find the right location for your range extender for the best Wi-Fi extension.}$
- MERCUSYS App: Helps setup and provides varied software functions such as Parental Controls and Guest Network for safety and effectiveness.

Wi-Fi 4 Ranger Extenders



N300 Wi-Fi

Wireless N speeds up to 300 Mbps



Fast Ethernet Port

1 × 10/100 Mbps port

ME300RE

300 Mbps Wi-Fi Range Extender



N300 Wi-Fi

Wireless N speeds up to 300 Mbps



Stable Signals

3× Adjustable antennas

ME10

300 Mbps Wi-Fi Range Extender

- 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.
- Works with Any Router: Extend your Wi-Fi with an existing router.
- Signal Indicator: Multicolor LED helps you find the right location for your range extender for the best Wi-Fi extension.
- MERCUSYS App: Helps setup and provides varied software functions such as Parental Controls and Guest Network for safety and effectiveness.

Choose the Right Range Extender for Your Home

	Wi-Fi 7		Wi-Fi 6		Wi-Fi 5			Wi-Fi 4	
Model	ME27BE	ME80X	ME70X	ME60X	ME50G	ME30	ME20	MW300RE	ME10
Version	1.0	1.0	1.0	1.0	1.20	1.20	2.0	4.20	1.20
Wi-Fi Class	BE3600	AX3000	AX1800	AX1500	AC1900	AC1200	AC750	N300	N300
Wi-Fi (2.4 GHz)	688 Mbps	574 Mbps	574 Mbps	300 Mbps	600 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Wi-Fi (5 GHz)	2880 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	1300 Mbps	867 Mbps	433 Mbps	N/A	N/A
Ethernet Ports	1× GE	1× FE	1× FE	N/A	1×FE				
Antennas	2× External	2× External	2× External	2× External	4× External	2× External	Internal	3× External	Internal
MU-MIMO	•	•	•	•	•	-	-	-	-
Beamforming	•	•	•	•	•	•	-	-	-
APS (Adaptive Path Selection)	•	•	•	•	•	•	•	-	-
Signal Indicator	•	•	•	•	•	•	•	•	•
AP Mode	•	•	•	•	•	•	•	-	•
WPS Button	•	•	•	•	•	•	•	•	•
High-Speed Mode	•	•	•	•	•	•	•	-	-
Power Schedule	•	•	•	•	•	•	•	•	•
LED Control	•	•	•	•	•	•	•	•	•
Access Control	•	•	•	•	•	•	•	•	•
App Support	•	•	•	•	•	•	•	•	•



Adapters

With MERCUSYS's excellent range of Wi-Fi Adapters, you can turn wired into wireless. Our adapters are designed to easily upgrade your computer or laptop. Just connect, install, and enjoy.

/35 High-Gain Wireless USB Adapters

/37 Wireless USB Adapters

/38 Wireless PCIe Adapters

/39 Bluetooth USB Adapter



Fast AC1300 Dual-Band Wi-Fi

Armed with the IEEE 802.11ac wireless standard, MA32H comes 3× faster than 802.11n. MA32H can handle all of your online activities, from HD video streaming to lag-free online gaming and web browsing, thanks to its high-speed Wi-Fi (up to 867 Mbps over the 5 GHz band and 400 Mbps over the 2.4 GHz band).



867 Mbps on 5 GHz

400 Mbps on 2.4 GHz

I Plug and Play without a CD

Thanks to the built-in driver in Windows operating systems, simply plug the MA32H into your computer and enjoy a fast wireless network within seconds.



I Boost Wireless Range with High-Gain Antennas

Two high-gain antennas reach your router from farther with more precise directional range, sustaining faster and more stable wireless connections.











High-Gain Wireless USB Adapters



Wi-Fi

MA72H

AX1800 High-Gain Wireless Dual-Band USB Adapter

((o)) Dual-Band Wi-Fi 1201 Mbps (5 GHz) +

574 Mbps (2.4 GHz)

Plug and Play

Smart easy-install without a CD

(((n))) Strong Signals

2× Adjustable high-gain antennas

Supported operating system: Windows 11/10



MU6F

AC650 High-Gain Wireless Dual-Band USB Adapter

((o)) Dual-Band Wi-Fi

433 Mbps (5 GHz) + 200 Mbps (2.4 GHz)

Plug and Play

Smart easy-install without a CD

((બુ)) Strong Signals

1× Adjustable high-gain antenna

Supported operating system: Windows 11/10/8.1/8/7/XP



MA32H

AC1300 High-Gain Wireless Dual-Band USB Adapter

((o)) Dual-Band Wi-Fi

867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Plug and Play

Smart easy-install without a CD

(((n))) Strong Signals

2× Adjustable high-gain antennas

Supported System

Supported operating system: Windows 11/10



MW300UH

300 Mbps High-Gain Wireless USB Adapter

N300 Wi-Fi

Wireless N speeds up to 300 Mbps

Plug and Play

Smart easy-install without CD

(((n))) Strong Signals

2× Adjustable high-gain antennas

Supported operating system: Windows 11/10/8.1/8/7/XP



MA30H

AC1300 High-Gain Wireless Dual-Band USB Adapter

((o)) Dual-Band Wi-Fi

867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Plug and Play

Smart easy-install without a CD

1× Adjustable high-gain antenna

Supported System

Supported operating system: Windows 11/10



Wireless USB Adapters



MA30N

AC1300 High-Gain Wireless Dual-Band USB Adapter

- ((o)) AC1300 Dual-Band Wi-Fi 867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)
- Plug and Play Smart easy-install without a CD
- ☐ Supported System Supported operating system: Windows 11/10



MA12N

N300 Wireless Nano USB Adapter

- N300 Wi-Fi Wireless N speeds up to 300 Mbps
- Plug and Play Smart easy-install without a CD
- Supported operating system: Windows 11/10



MA20N

AC650 Nano Wireless Dual-Band USB Adapter

- ((o)) AC650 Dual-Band Wi-Fi 433 Mbps (5 GHz) + 200 Mbps (2.4 GHz)
- Plug and Play Smart easy-install without a CD
- Supported System Supported operating system: Windows 11/10



AX300 Nano Wireless **USB** Adapter

- AX300 Wi-Fi 287 Mbps Wi-Fi 6 on 2.4 GHz
- Plug and Play Smart easy-install without a CD
- Supported System Supported Windows11/10/7 and Linux (Kernel 3.10 and later)



MW300UM

N300 Wireless Mini USB Adapter

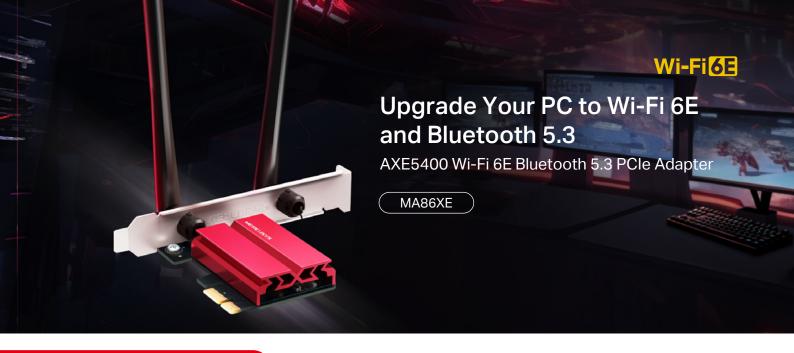
- N300 Wi-Fi Wireless N speeds up to 300 Mbps
- Plug and Play Smart easy-install without a CD
- Supported System Supported operating system: Windows 11/10/8.1/8/7/XP



MW150US

N150 Nano Wireless USB Adapter

- N150 Wi-Fi Wireless N speeds up to 150 Mbps
- Plug and Play Smart easy-install without a CD
 - Supported System Supported operating system: Windows 11/10/8.1/8/7/XP



Wireless PCIe Adapters



Wi-Fi6E

MA86XE

AXE5400 Wi-Fi 6E Bluetooth 5.3 PCle Adapter



Tri-Band Wi-Fi 6E

574 Mbps (2.4 GHz) +2402 Mbps (5 GHz) + 2402 Mbps (6 GHz)



Powerful Wi-Fi 6E chipset

Minimizes latency and provides reliable connections

Bluetooth 5.3

More stable connection, farther range, and faster transmission

Supported operating system: Windows 11/10 (64 bit)



WPA3 Security

Provides powerful overall protection for your home network



Wi-Fi

MA80XE

AX3000 Wi-Fi 6 Bluetooth 5.3 PCle Adapter

$\mathop{\hbox{((\circ))}}\nolimits \ \, \text{Dual-Band Wi-Fi 6}$

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

СРИ

Powerful Wi-Fi 6 chipset

Minimizes latency and provides reliable connections

Bluetooth 5.3

More stable connection, farther range, and faster transmission

Supported System

Supported operating system: Windows 11/10 (64 bit)



WPA3 Security

Provides powerful overall protection for your home network



MA30E

AC1200 Wi-Fi Bluetooth PCle Adapter

((o)) Dual-Band Wi-Fi

867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Rluetooth 5.0

More stable connection, farther range, and faster transmission

Supported System

Supported operating system: Windows 11/10 (64 bit)



WPA3 Security

Provides powerful overall protection for your home network



Link to Your Computer via Bluetooth

Non-Bluetooth PCs and laptops can be made Bluetooth-capable using MA530. To enjoy it effortlessly, simply connect your Bluetooth devices to your PC. It has a strong wireless connection and can support up to seven Bluetooth devices simultaneously. With quicker transmission speeds, you can move files, music, and videos between your Bluetooth devices and PC.



I Play Music from Across the Room

Now, there's no need to worry about distance impacting your music listening. MA530 has a longer range of transmission between devices like your music player and PC. Enjoy lossless audio via your Bluetooth headset without hovering around your computer.



Faster and Farther Bluetooth 5.3

MA530 makes your PC Bluetooth-capable with ultra-fast Bluetooth 5.3 which achieves more stable connections, farther range, and faster transmission speeds.



I Compatible with Windows

MA530 fully supports the latest Windows 11 while also being backward compatible with Windows 10/8.1/7.



I Plug in and Forget it

With its ultra-compact design, MA530 is extremely convenient for use both at home and on the road. You can leave it plugged in without worrying about it falling out or getting lost.



Choose the Right Adapter for Your Home

	USB Adapters						
	A	A	1		Desired.]	
Model	MA72H	MA32H	МАЗОН	MA30N	MA20N	ми6н	MW300UH
Version	1.0	1.0	2.0	1.0	1.0	2.0	2.0
Wi-Fi Class	AX1800	AC1300	AC1300	AC1300	AC650	AC650	N300
Wi-Fi (2.4 GHz)	574 Mbps	400 Mbps	400 Mbps	400 Mbps	200 Mbps	200 Mbps	300 Mbps
Wi-Fi (5 GHz)	1201 Mbps	867 Mbps	867 Mbps	867 Mbps	433 Mbps	433 Mbps	N/A
Port	USB 3.0	USB 3.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antennas	2× External	2× External	1× External	Internal	Internal	1× External	2× External
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)	11/10/8.1/8/7/XP (32/64bit)	11/10/8.1/8/7/XP (32/64bit)
No CD-ROM Required	•	•	•	•	•	•	•

	USB Adapters				PCIe Adapters		
	was day and Raids		sellin se	Material de la companya de la compan		J ,	
Model	MA14N	MA12N	MW300UM	MW150US	MA86XE	MA80XE	MA30E
Version	1.0	1.0	4.0	3.0	2.0	2.0	1.0
Wi-Fi Class	AX300	N300	N300	N150	AXE5400	AX3000	AC1200
Wi-Fi (2.4 GHz)	287 Mbps	300 Mbps	300 Mbps	150 Mbps	574 Mbps	574 Mbps	300 Mbps
Wi-Fi (5 GHz)	N/A	N/A	N/A	N/A	2402 Mbps	2402 Mbps	867 Mbps
Wi-Fi (6 GHz)	N/A	N/A	N/A	N/A	2402 Mbps	N/A	N/A
Port	USB 2.0	USB 2.0	USB 2.0	USB 2.0	N/A	N/A	N/A
Antennas	Internal	Internal	Internal	Internal	2× External	2× External	2× External
Full Height	-	-	-	-	•	•	•
Low-Profile Bracket	-	-	-	-	-	-	-
Bluetooth	-	-	-	-	5.3	5.3	5.0
ми-мімо	•	-	-	-	•	•	•
Beamforming	•	-	-	-	•	•	•
WPA3	-	•	•	•	•	•	•
Supports Windows	11/10/7/XP (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 (64bit)	11/10 (64bit)	11/10 (64bit)
No CD-ROM Required	•	•	•	•	-	-	-



Switches

The SOHO switches from MERCUSYS make it simple to connect to several devices and speed up your network. You can benefit from a smooth, reliable, and energy-efficient network experience thanks to plug-and-play setup and green technologies.

/42 Metal Switches

/43 SOHO Switches

/44 PoE Switches

More Efficient Transmission and Longer Usage Life

16-Port Gigabit Desktop/Rackmount Switch

MS116GS



Isolation Mode

Loop Prevention

Metal Switches



MS116GS

16-Port Gigabit Desktop/ Rackmount Switch



Gigabit Ports

16× Gigabit auto-negotiation RJ45 ports with auto MDI / MDIX supported



Metal Casing

Efficient heat dissipation, excellent signal interference prevention, reliable equipment stability, and a long network life



Traffic Separation

Supports Isolation Mode: Ports 1-14



Silent Operation

Works silently for a comfortable environment



Loop Prevention

Monitor and address looprelated issues within your network structure to prevent disruptions caused by looping.



MS108GS

8-Port Gigabit Desktop Switch



Gigabit Ports

8× Gigabit auto-negotiation RJ45 ports with auto MDI / MDIX supported



Metal Casing

Efficient heat dissipation, excellent signal interference prevention, reliable equipment stability, and a long network life



Power-Saving

Green Ethernet technology saves power and money.



Silent Operation

Works silently for a comfortable environment



MS105GS

5-Port Gigabit Desktop Switch



Gigabit Ports

5× Gigabit auto-negotiation RJ45 ports with auto MDI / MDIX supported



Metal Casing

Efficient heat dissipation, excellent signal interference prevention, reliable equipment stability, and a long network life



Power-Saving

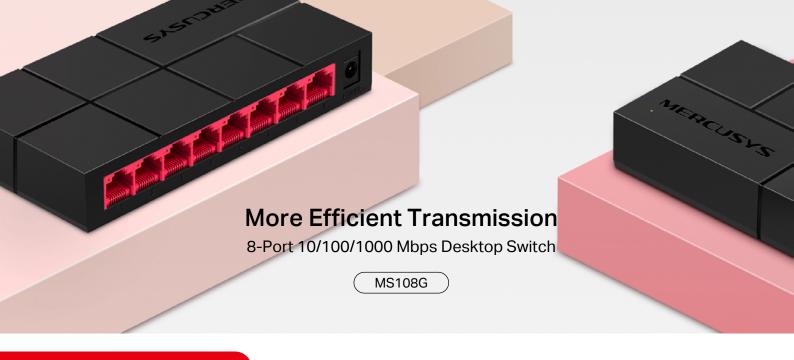
Green Ethernet technology saves power and money.



≫ Silent Operation

Works silently for a comfortable environment

- Quick Ethernet Network Expansion: Fully compatible with computers, printers, IP cameras, smart TVs, game consoles, and more.
- · Plug and Play: Simply connect the switch to your TV or computer via an Ethernet cable to expand your wired network.
- · Cool, Ultra-Compact Design: About the same size as a smartphone, it can be placed anywhere in your home without taking up too much space.
- Wall Mount: Place on a desktop or mount on the wall to suit your needs.



SOHO Switches



MS108G

8-Port Gigabit Desktop Switch



8× Gigabit autonegotiation RJ45 ports with auto MDI / MDIX supported

Power-Saving

Green Ethernet technology saves power and money.



MS105G

5-Port Gigabit Desktop Switch

Gigabit Ports

5× Gigabit autonegotiation RJ45 ports with auto MDI / MDIX supported

Power-Saving

Green Ethernet technology saves power and money.



MS108

8-Port 10/100 Mbps Desktop Switch

Fast Ethernet Ports

8× 10/100 Mbps autonegotiation RJ45 ports with auto MDI / MDIX supported

Power-Saving

Green Ethernet technology saves power and money.



MS105

5-Port 10/100 Mbps Desktop Switch

Fast Ethernet Ports

5× 10/100 Mbps autonegotiation RJ45 ports with auto MDI / MDIX supported

- Quick Ethernet Network Expansion: Fully compatible with computers, printers, IP cameras, smart TVs, game consoles, and more.
- Plug and Play Simply connect the switch to your TV or computer via an Ethernet cable to expand your wired network.
- Cool, Ultra-Compact Design About the same size as a smartphone, it can be placed anywhere in your home without taking up too much space.

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

MS108GP



PoE Switches









MS108GP

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



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

MS110P

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

MS106LP

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

Full Gigabit Ports

8× Gigabit auto-negotiation RJ45 ports with auto MDI / MDIX supported

Full Gigabit Ports

5× Gigabit auto-negotiation RJ45 ports with auto MDI / MDIX supported

Fast Ethernet Ports

10×10/100 Mbps auto-negotiation RJ45 ports with auto MDI / MDIX supported

Fast Ethernet Ports

10×10/100 Mbps auto-negotiation RJ45 ports with auto MDI / MDIX supported

65W PoE Budget

Total 65W PoE power budget* for the 7× PoE+ ports

65W PoE Budget

Total 65W PoE power budget* for the 4× PoE+ ports

65W PoE Budget

Total 65W PoE power budget* for the 8× PoE+ ports

40W PoE Budget

Total 40W PoE power budget* for the 4× PoE+ ports



PoE Auto Recovery

Continuously detects data transmission with PoE-powered devices (PD)



PoE Auto Recovery

Continuously detects data transmission with PoE-powered devices (PD)

- Quick Ethernet Network Expansion: Fully compatible with computers, printers, IP cameras, smart TVs, game consoles, and more.
- Long Range up to 250 m: Extend Mode** increases PoE transmission distance to 250 m, making it ideal for installing surveillance cameras over wide areas.
- · Isolation Mode: With only one click, isolation mode divides traffic for specific ports to prevent snooping/tampering and isolate broadcast storms for greater protection.
- Port Prioritization: Prioritizing the data of specific ports ensures the high quality of delicate applications, such as voice and video, in crucial business domains.
- 30W Max on Each Port: Each PoE port supports a maximum of 30 W and complies with 802.3af/at Powered Devices.
- Durable Metal Casing: Allows for efficient heat dissipation, excellent signal interference prevention, equipment stability, and long network life.
- Silent Operation: Fanless design ensures zero noise.
- Plug and Play: Simply connect the switch to your TV or computer via an Ethernet cable to expand your wired network.

Choose the Right Switch for Your Home

	Metal Switches		SOHO Switches				
	MARKET .	MARKET 1	ELECTION OF THE PARTY OF THE PA	DECEMBER			
Model	MS108GS	MS105GS	MS108G	MS105G	MS108	MS105	
Version	1.0	2.0	2.20/2.30	2.30	3.20	2.30	
Ethernet Ports	8× GE	5× GE	8× GE	5× GE	8× FE	5× FE	
Fanless	•	•	•	•	•	•	
Switch Capacity	16 Gbps	10 Gbps	16 Gbps	10 Gbps	1.6 Gbps	1 Gbps	
Forwarding Rate	11.9 Mpps	7.4 Mpps	11.9 Mpps	7.4 Mpps	1.2 Mpps	0.7 Mpps	
MAC Address Table	8K	2K	2K	2K	1K	1K	
Jumbo Frame	15 KB	9 KB	16 KB	16 KB	2 KB	2 KB	
Green Technology	•	•	•	•	•	•	
Flow Control	•	•	•	•	•	•	
Auto Negotiation	•	•	•	•	•	•	
Unmanaged	•	•	•	•	•	•	
Plug & Play	•	•	•	•	•	•	

Choose the Right Switch for Your Home

	PoE Switches						
Model	MS108GP	MS105GP	MS110P	MS106LP			
Version	1.0/1.20	2.0	1.0	1.0			
Ethernet Ports	8× GE	5× GE	10×FE	6×FE			
PoE Ports	7	4	8	4			
Fanless	•	•	•	•			
Switch Capacity	16 Gbps	10 Gbps	2 Gbps	1.2 Gbps			
Green Technology	•	•	•	•			
Flow Control	•	•	•	•			
Auto Negotiation	•	•	•	•			
Unmanaged	•	•	•	•			
Plug & Play	•	•	•	•			
Extend Mode	1-4/1-7	1-4	1-4/1-8	1-4			
Isolation Mode	1-7	1-4	1-8	1-4			
PoE Auto Recovery	- (V1.0) 1-7 (V1.20)	-	1-8	1-4			
Priority Ports	1-2	1-2	1-2	1-2			



Powerline

Where there's an outlet, there's Wi-Fi. MERCUSYS's powerline adapters transmit network data through your existing electrical circuit, which prominently avoids the influence of obstacles on your Wi-Fi. Enjoy extended Wi-Fi on the same electrical circuit—perfect for your daily use.

/48 HomePlug AV2 Powerline Adapters



- Works Through Walls

Extend 300 Mbps Wi-Fi via your home's wiring

□ Plug & Play

No complex wiring and configuration, just plug and play

(1000 Mbps Powerline Transfer Rate

Fast and stable transmissions with Advanced HomePlug AV2

Super-Fast Wired Connection

A Gigabit Port for PCs, IPTVs, and game consoles

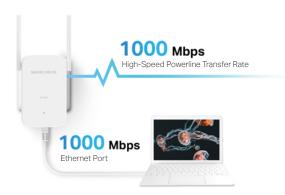
I Where There's an Outlet, There's Wi-Fi

MP510 Kit transmits data through your existing electrical circuit, which avoids the influence of obstacles on your Wi-Fi. Enjoy extended Wi-Fi wherever you need it with a transmission range of up to 300 m.

Dual Gigabit Transmissions Fast. Unlimited. Enjoyable.

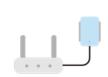
Equipped with advanced HomePlug AV2, the Powerline transmission rate reaches an ultra-fast 1000 Mbps. The included gigabit port helps you receive a high-quality network from any one of your outlets.



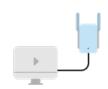


I Plug & Play

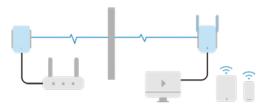
With factory pre-configuration, immediately extend your network without complex wiring and configuration.



1 Connect MP500 to the router



2 Plug MP510 into the outlet and connect your device to it



3 Enjoy the extended network over your electrical circuit

HomePlug AV2 Powerline Adapters



MP510 KIT

AV1000 Gigabit Powerline Wi-Fi Kit



N300 Wi-Fi

Wireless N speeds up to 300 Mbps



Gigabit Port

1× Gigabit LAN Port

Expand coverage by simply

adding more Powerline adapters

Easy Expansion



up to 1000 Mbps

AV2 HomePlug AV2 Standard

Compatible with All Routers



(3) Unify Your Wi-Fi Networks

Any setting changes will be automatically applied to the entire Powerline network after pressing the Wi-Fi button

High-speed data transfer rates of



MP500 KIT

AV1000 Gigabit Powerline Starter Kit



AV2 HomePlug AV2 Standard

Easy Expansion

High-speed data transfer rates of up to 1000 Mbps



Gigabit Port

1× Gigabit LAN Port



Compatible with All Routers

Expand coverage by simply adding more Powerline adapters

Choose the Right Powerline Adapter for Your Home

	Powerline Adapter				
Model	MP510 KIT	MP500 KIT			
Wi-Fi Speed	300 Mbps	-			
Protocol	HomePlug AV2, HomePlug AV IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11 b/g/n	HomePlug AV2, HomePlug AV IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab			
Speed over Powerline	1000 Mbps	1000 Mbps			
Ethernet Ports	1× Gigabit Port + 1× Gigabit Port	1× Gigabit Port + 1× Gigabit Port			
Antennas	2× External	-			
Button	Pair/Reset Button	Pair/Reset Button			
Power Consumption	Maximum: 6.28W Typical: 4.29W	Maximum: 2.87W Typical: 2.35W Standby: 0.64W			
Range	Up to 300 Meters	Up to 300 Meters			
Kit Contents	1× MP510 + 1× MP500	2× MP500			
Size	MP510: 112 × 84.7 × 39 mm; MP500: 101 × 60 × 36 mm				



Wi-Fi

Explore the New Wave of Home Connectivity

4.8× Faster

Accelerates throughput up to 46 Gbps for experiencing ultra-smooth 8K streaming.*

100× Lower Latency**

Worst Case Latency is 100× better compared to Wi-Fi 6 with 15× better AR/VR performance.

5× Network Capacity**

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

What is Wi-Fi 7

The newest Wi-Fi standard, Wi-Fi 7, also known as IEEE 802.11be Extremely High Throughput (EHT), was built as a solution to deliver faster speeds, less interference, and greater efficiency for today's increasing high-bandwidth online activities. If you're struggling with constant buffering, lag, or congestion, Wi-Fi 7 routers can be your ideal choice.



How Does Wi-Fi 7 Work

Multi-Link Operation

Simultaneously sends and receives data across different frequency bands and channels to increase throughput, reduce latency, and improve reliability.



Preamble Puncturing

With Preamble Puncturing, the interference can be blocked, opening up more channels for use





6 GHz Band

A new and clearer band for smoother experiences



320 MHz

Wider channel for faster connections



4K-QAM

Packs 20% more data compared with 1024-QAM



16×16 MU-MIMO

Connects much more devices simultaneously.

I Explore More Scenarios with Wi-Fi 7



8K Streaming, AR/VR, and Online Gaming

Enjoy non-stop entertainment and the most cutting-edge technology.



Remote Work and Learning with Higher Efficiency

Video conferencing, large file downloading, and distance-learning programs.



Pursue a Seamless and Smarter Life

Connect more IoT smart home devices.

*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.



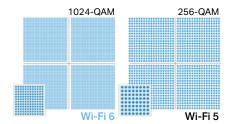
Wi-Fi 6, also known as 802.11ax Wi-Fi or AX Wi-Fi, was built as a solution to the crushing network demands and the growing numbers of devices in the world. Wi-Fi 6 builds up a reliable network that allows all kinds of your devices to connect simultaneously and run smoothly.

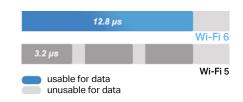
Wi-Fi 6

Wi-Fi 5

Optimal Wi-Fi Speeds up to 9.6 Gbps

Provides speeds 1.4× faster than Wi-Fi 5, up to 9.6 Gbps, greatly elevating your wireless experiences.





1024-QAM Packs More Data

Each symbol holds 10 bits rather than 8 bits, boosting the raw speeds up to 25% faster than Wi-Fi 5.

160 MHz Bandwidth For More Throughput

Doubles the channel width to 160 MHz and significantly reduces the connection time of all your devices.

4× Longer OFDM Symbol Increases Coverage and Speed

Uses a longer OFDM symbol to provide broader coverage and 11% higher speeds.

4× More Connection Capacity

Enables more devices to connect to your router simultaneously, overcoming the challenges caused by high device traffic.



MU-MIMO More Devices Connected Simultaneously

More streams are available to pick from when transmitting data for both uploads and downloads, guaranteeing stable connections.



OFDMA

Improves Efficiency

Allows one symbol to hold multiple data packets and send them to numerous devices at once, improving network efficiency.

Less Interference and More Power-Saving



BSS Color Minimizes Wi-Fi Interference with Your Neighbor

Differentiate and mark your surrounding networks.

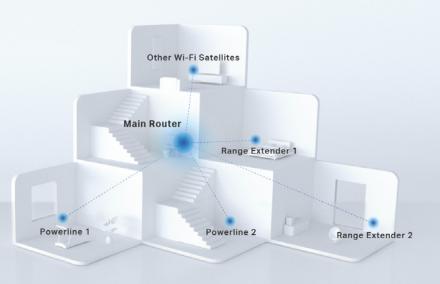


Target Wake Time Saves Power and Battery Life

Schedule your devices' sleep and work time.

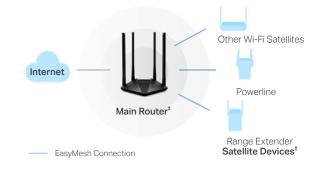


Build Your Whole Home Mesh Wi-Fi



What is EasyMesh?

EasyMesh enables multiple access points to work together to form a unified network. Easily expand your Wi-Fi with any EasyMeshcompatible device.†



Why EasyMesh?

Broad Coverage, No More Dead Spots

Expand your Wi-Fi Coverage to eliminate dead spots in every corner. Play games and stream video from everywhere in your house!



Effortless One-Touch Setup

Simply designate your main router and satellite devices, then complete setup by pressing their WPS buttons.



Enjoy Seamless Wi-Fi Wherever You Walk

Intelligently connects your mobile devices to the routers or extenders that provide the best coverage. The devices share a single Wi-Fi name so that you can stay connected in every room.



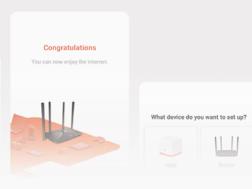
Most Economical and Convenient Choice

Add EasyMesh-compatible access points as needed to your existing Wi-Fi network. No need to buy a brand new set of mesh network devices at eye-watering prices.



[†]Routers and range extenders must support EasyMesh. Firmware upgrades may be required.

[†]An EasyMesh main router is for mesh network onboarding & management while satellite devices including EasyMesh routers and range extenders are for expansion.
†All related products can be found in the specification tables. Firmware upgrades may be required to support the function.









Weekends Saturday and Sund Daily time limit 2.0 hours

Smart and Functional App

The MERCUSYS app provides the easiest way for you to set up in minutes and manage your Wi-Fi at home or away through iOS or Android devices.







I Effortless Setup and Management

🎬 Helps Set Up in a Few Steps

Simply follow the in-app instructions. Set up your mesh network in minutes.

🖳 Manage Wi-Fi in Real Time

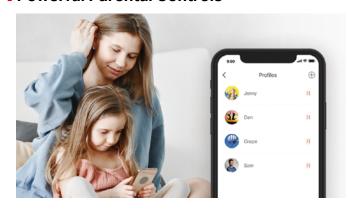
Experience live network management. See who's connecting to your network and manage it at any time.

Everything in One App

To control MERCUSYS routers, extenders, or Halo mesh systems, find it all on the app.



Powerful Parental Controls



Create User Profiles

Create a profile for each family member. Set access controls and time limits for them

Block Inappropriate Websites

Control which sites your kids visit by setting a block list.

Online Time Limits

Set daily limits on how long your kids spend online to build healthy online habits.

Pause Internet Connections

Suspend family members' internet connections to take a break from the virtual world.

Secure Your Home Network

Check the Status of Connected Devices

Intuitively view the working status of your network.

New Device Access Alerts

Send out an alert when an unfamiliar device is connected.

Quality of Services

Prioritizes devices you select to perform better.

Set Up a Guest Network

Provides a separate network for guests.



Mercusys provides ISPs with Agile Config Tools to customize the default settings of devices one at a time or in batches. The flexible settings include adding a logo, WAN connection type, SSID, password, time zone, language, and more.

I Create Your Own Default Settings

General Config

Easily upgrade the common configuration of devices to the default settings according to your requirements.

Specific Config

Set specific configurations for individual devices one at a time. Effortlessly configure different settings with an individual network name and password for each router.

Faster Configuration

Apply your configuration as soon as the device is powered on. No need to wait for the device to finish its self-configuration.

Status Information Display

You can now use the tool to track your progress and see whether your operation was successful or not.

♠ Logo and Favicon Config

Change the configuration page with your own logo and favicon that you want to display.

Easily Apply Settings to Multiple Devices

Apply customized default configurations via batch mode to multiple devices at once—no specialized equipment required.

Upgrading Firmware in Batches

Once there are any firmware updates, you can upgrade the firmware for your devices in batches, instead of dealing with them individually.

Keep New Defaults in Devices

Once the config process is completed, the settings will become the "new default." Even if you press the reset button, devices will return to the settings you configured. This allows Service Providers to quickly create a custom product and permanently save the settings on the device.

I How to Configure



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Step 1

Install Agile Suite for Preparation

Step 2

Generate
Configuration Files*

Step 3

Batch Update Configurations

^{*}Working with superadmin to manage your devices

^{**}All related products can be found in the specification tables. Firmware upgrades may be required to support the function.



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 Functions

Auto Configuration

When booted up, the CPE automatically requests the configuration from the ACS. The ACS also initiates the configuration when needed. Turning a service on/off becomes more flexible for an ISP.

(!) Troubleshooting

By using TR-069, ISPs can help customers locate the problems of their CPEs remotely, and even perform crucial troubleshooting online, which is more convenient and efficient.

Device Management

To efficiently manage multiple connected devices, TR-069 offers a grouping option for ISPs to organize CPEs.

Firmware Upgrades

With TR-069, ISPs can check the the firmware version of CPEs through ACS. Both identification and deployment of the firmware comes more easily.

Remote Diagnostics

TR-069 provides solutions to remotely monitor CPEs' network status and performance. Regularly schedule diagnostics to prevent system leaks and maintain stability and strength.

