

AC1300 High Gain Wireless Dual Band USB Adapter

Model: MA32H

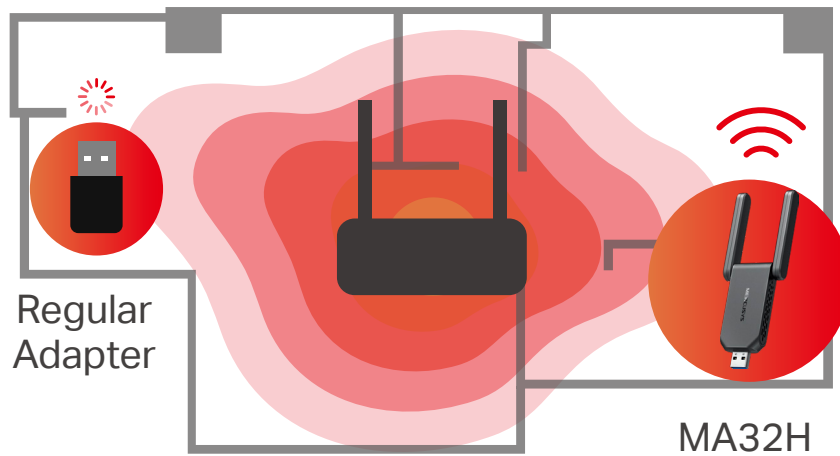
// Highlights

- 867 Mbps + 400 Mbps Dual Band Wi-Fi†
- Powerful High Gain Antennas
- Plug and Play
- Enhanced WPA3 Security‡
- MU-MIMO Supported**



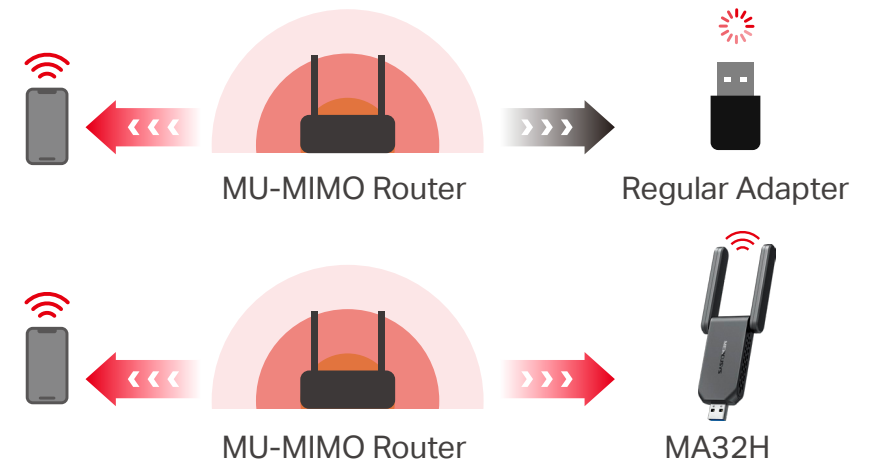
// Boost Wireless Range with High Gain Antennas

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



// Boosted Throughput with MU-MIMO

MU-MIMO technology provides two simultaneous data streams, improving the throughput and efficiency of the entire network when working with a compatible MU-MIMO router.



// Specifications

Physical Specifications

Interface USB 3.0	Dimensions (W x D x H) 3.03 × 1.78 × 0.49 in. (77 x 45.2 x 12.4 mm)	Antenna 2 External High Gain Antennas
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Wireless Specifications

Wireless Standards IEEE 802.11b/g/n 2.4 GHz IEEE 802.11a/n/ac 5 GHz	EIRP <20dBm (EIRP)	Wireless Security WPA/WPA2, WPA-PSK/ WPA2-PSK/WPA3-SAE	Wireless Function Enable/Disable Wireless Radio
Signal Rate <ul style="list-style-type: none">• Up to 867 Mbps on 5 GHz• Up to 400 Mbps on 2.4 GHz	Reception Sensitivity 2.4 GHz: <ul style="list-style-type: none">• 11g 54Mbps: -74 dBm• 11n HT40 MCS7: -70dBm 5 GHz: <ul style="list-style-type: none">• 11a 54Mbps: -75 dBm• 11ac VHT80 MCS0: -85 dBm• 11ac VHT80 MCS9: -62 dBm		

Others

System Requirements

Windows 11/10 (32/64 bit)

// Package Contents

1. AC1300 High Gain Wireless Dual Band USB Adapter (MA32H)
2. Quick Installation Guide

For more information, please visit www.mercusys.com.

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†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, AP limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and AP location.

‡Use of WPA3 requires APs to also support the corresponding feature. To use WPA3, you may need to upgrade the drivers which can be downloaded on the official website of MERCUSYS.

*Functionality may be restricted on some operating systems and platforms. To ensure compatibility, you may need to update the adapter's drivers after an OS update. You can find our latest drivers in the download center at <http://www.mercusys.com>.

**Use of MU-MIMO requires APs to also support the corresponding feature.