

AC1300 High Gain Wireless Dual Band USB Adapter

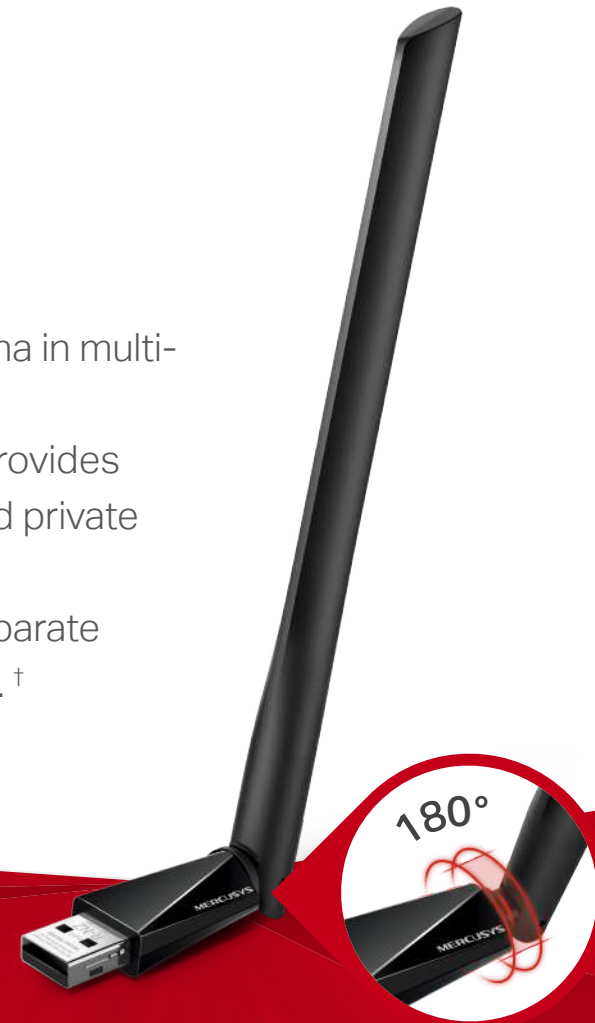
Model: MA30H

// Highlights

Adjustable Multi-Directional Antenna — Rotate and adjust the antenna in multiple directions to improve the user experience in various situations.

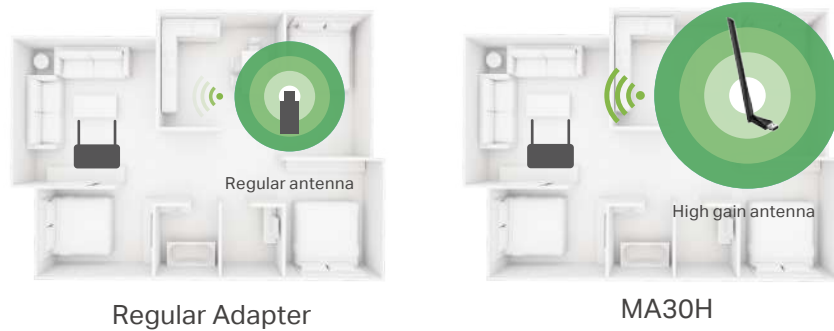
Overall Security Protection — The latest security standard, WPA3, provides improved comprehensive Wi-Fi protection to defend your devices and private information against brute-force attacks. †

AC1300 Dual Band Wi-Fi — MA30H receives Wi-Fi signals on two separate bands and has a speed up to 867 Mbps (5 GHz)+ 400 Mbps (2.4 GHz). †



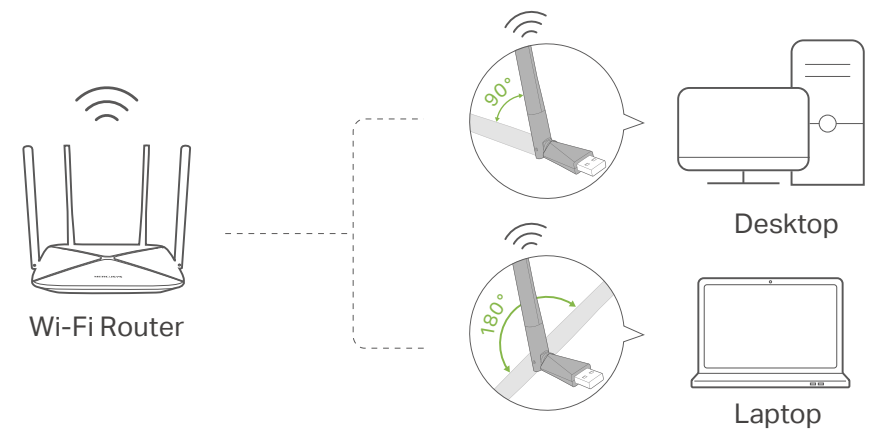
// Boost Wireless Range with High Gain Antenna

A high gain antenna reaches your router from farther with more precise directional range, sustaining faster and more stable wireless connections.



// Adjustable Multi-Directional Antenna

Rotate and adjust the antenna in multiple directions to improve the user experience in various situations.



// Specifications

Physical Specifications

Interface	Dimensions (W x D x H)	Antenna
USB 2.0	2.28 × 0.66 × 6.83 in. (57.8 × 16.8 × 173.4 mm)	1 External High Gain Antenna

Wireless Specifications

Wireless Standards	EIRP	Wireless Security	Wireless Function
IEEE 802.11b/g/n 2.4 GHz IEEE 802.11a/n/ac 5 GHz	<20dBm (EIRP)	WPA/WPA2, WPA-PSK/ WPA2-PSK/WPA3-SAE	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 GHz: <ul style="list-style-type: none">• 11G 6M: -95.5 dBm• 11G 54M: -79 dBm• 11N HT20 MCS7: -76 dBm• 11N HT40 MCS7: -74 dBm	5 GHz: <ul style="list-style-type: none">• 11A 6M: -95 dBm• 11A 54M: -78 dBm• 11AC VHT20 MCS8: -72 dBm• 11AC VHT40 MCS9: -68.5 dBm• 11AC VHT80 MCS9: -64.5 dBm	

// Package Contents

1. AC1300 High Gain Wireless Dual Band USB Adapter (MA30H)
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 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>.