

// 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	Reception Sensitivity		
• Up to 867 Mbps on 5 GHz • Up to 400 Mbps on 2.4 GHz	2 GHz: • 11G 6M: -95.5 dBm • 11G 54M: -79 dBm • 11N HT20 MCS7: -76 dBm • 11N HT40 MCS7: -74 dBm	5 GHz: • 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](http://www.mercusys.com).

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<sup>†</sup>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.

<sup>‡</sup>Use of WPA3 requires Aps to also support the corresponding feature.

<sup>\*</sup>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>.