

AC1300 Nano Wireless Dual Band USB Adapter

Model: MA30N

Highlights

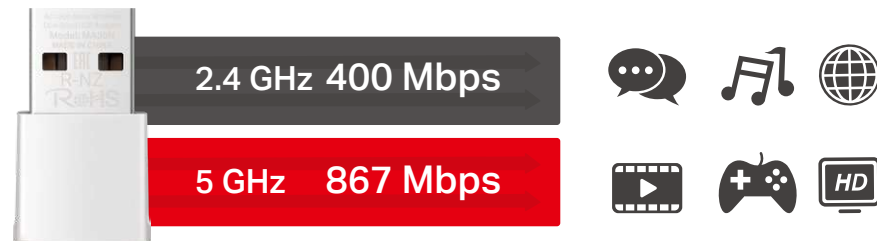
- 867 Mbps on 5 GHz and 400 Mbps on 2.4 GHz[†]
- Plug and Play without CD
- Minimum Size and Maximum Performance
- Enhanced WPA3 Security[‡]
- MU-MIMO[△]



Features

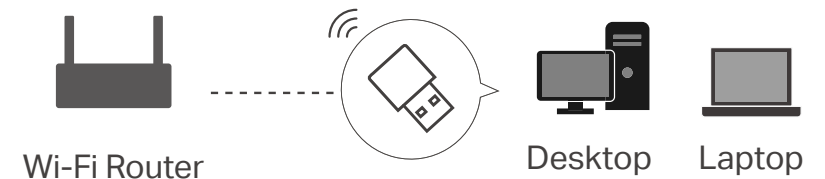
// AC1300 Dual Band Wi-Fi

The MA30N receives Wi-Fi signals on two separate bands for all your online needs. Choose the 400 Mbps 2.4 GHz band for surfing, emailing and social media, or switch to 867 Mbps 5 GHz for gaming, streaming and large file downloads.[†]



// Plug and Play without CD

With the built-in inbox driver by Windows operation systems, you just need to plug MA30N into the computer and then enjoy the fast wireless network in seconds.



Specifications

Wireless

Wireless Standards

IEEE 802.11b/g/n 2.4 GHz
IEEE 802.11a/n/ac 5 GHz

Signal Rate

5 GHz:
11ac: Up to 867 Mbps(dynamic)
11n: Up to 300 Mbps(dynamic)
11a: Up to 54 Mbps(dynamic)
2.4 GHz:
11n: Up to 400 Mbps(dynamic)
11g: Up to 54 Mbps(dynamic)
11b: Up to 11 Mbps(dynamic)

EIRP

5 GHz: 21.5dBm(FCC) / 23dBm(CE) (EIRP)
2.4 GHz : 20.5dBm(FCC) / 20dBm(CE) (EIRP)

Reception Sensitivity

5 GHz:
11ac HT80: -59.0dBm
11n HT40: -68.5dBm
11a 54Mbps: -73.5dBm
11a 6Mbps: -91dBm

2.4 GHz:
11n HT40: -69.5dBm
11g 54Mbps: -74dBm
11b 11Mbps: -87dBm

Specifications

Hardware

Antennas

Internal Antenna

Dimensions (W x D x H)

26.9 × 16.1 × 7.6 mm

(1.06 × 0.63 × 0.30 in)

Software

Working Mode

Infrastructure mode

Wireless Security

WPA-PSK/WPA2-PSK/WPA3-SAE[‡]

Others

Environment

Operating Temperature: 0°C~40°C (32°F~104°F)

Operating Humidity: 10%~90% Non-Condensing

Storage Humidity: 5%~90% Non-Condensing

Package Contents

- AC1300 Wireless Dual Band Nano USB Adapter (MA30N)
- Quick Installation Guide

Certification

CE, RoHS

System Requirements

Windows 11/10 (32/ 64-bit)[§]

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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, and quantity of connected devices 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.

[§]Use of MU-MIMO requires APs to also support the corresponding feature.

[§]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>