MERCUSYS®

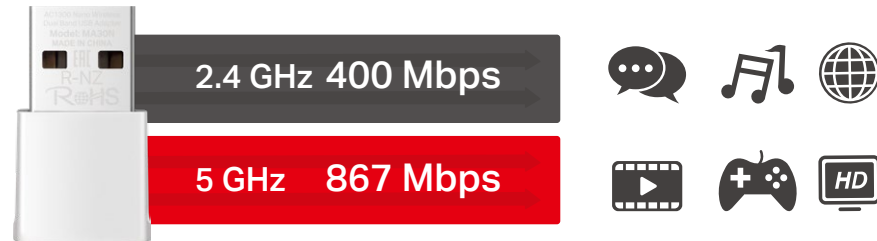# AC1300 Nano Wireless Dual Band USB Adapter

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
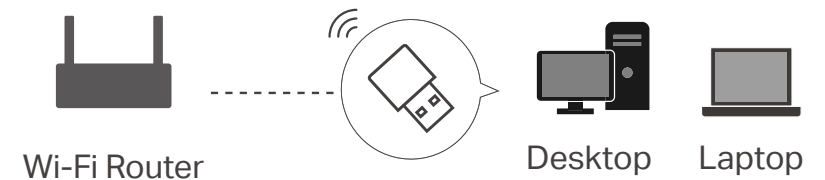- Enhanced WPA3 Security[‡]
- MU-MIMO[△]

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.

2.4 GHz 400 Mbps

5 GHz   867 Mbps

Wi-Fi Router   Desktop   Laptop

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
1 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)§