USB3.0 Version

➤ Overview

AC1300
Wireless Dual Band
USB Adapter

Model No. A2000USM

A2100UA is a 1300Mbps wireless dual band USB adapter with USB3.0 interface. It supports the share the simultaneous 2.4GHz and 5GHz wireless signal with other wireless terminals from the Wi-Fi source, which makes it an ideal LAN card for your computers. Meanwhile, with an external omni-directional antenna, it greatly improves the wireless reception sensitivity and the Wi-Fi performance.

1300Mbps High Speed

2.4G+5G Dual Band

USB3.0 Interface

Omni-directional Antenna
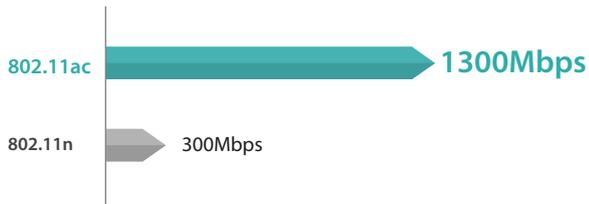
WPS Button

➤ Features

- Complies with IEEE 802.11a/b/g/n/ac standards.
- Up to total 1300Mbps wireless speed on simultaneous
  2.4GHz and 5GHz.
- Supports 64/128-bit WEP, WPA,WPA2,WPA-PSK,
  WPA2-PSK encryption.
- USB3.0 enables super-fast data transmission,
  even 10x faster than the universal USB2.0.
- Smoothly running on Windows 10/8.1/8/7/ XP(32/64-bit).
- External omni-directional antenna improves the
  wireless reception sensitivity.
- Secured wireless connection can be established
  with only one push on the WPS button.

Selling point

▶ **1267Mbps High Speed dual band Wi-Fi**

A2100UA supports simultaneous 400Mbps on 2.4GHz and 867Mbps on 5GHz dual band Wi-Fi, delivering wireless speed up to total 1267Mbps, which easily satisfies the demand for high-speed Internet, such as online gaming, online video and so on.

802.11ac ▶ **1300Mbps**

802.11n ▶ 300Mbps

5GHz
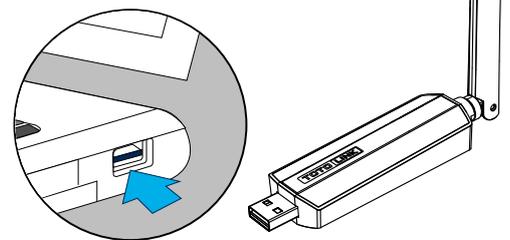867Mbps

2.4GHz
400Mbps

▶ **Built-in Antennas**

With built-in omni-directional antennas, A2000USM supports to receive wireless signals from 360° direction. Meanwhile, comparing with the external antenna, it is more portable for the users, especially convenient for the travelers.

▶ **USB3.0 Interface**

Complied with the latest connectivity standards, it helps to transmit the wireless signal to your computer with up to 10x faster than the traditional USB2.0.

▶ **WPS Button**

Secured wireless connection can be established with only one push on the WPS button, no need to input the tedious passwords anymore.

Specification

Hardware

Interface	- USB 3.0*1
LED Indicator	- 1 *Wireless(blue color)
Dimensions (L x W x H)	- 10cm*3cm*1.8cm(USB case)+13cm*1.5cm*1.6cm(antenna)
Antenna	- External dual-band antennas
	- Internal dual-band antennas*1

Wireless

Standards	- IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
RF Frequency	- 2.4~2.4835GHz
	- 5.18~5.825GHz
Data Rate	- 2.4GHz: Up to 400Mbps
	- 5GHz: Up to 867Mbps
EVM (Error Vector Magnitude)	- 11g/a: <-25dB; 11n:<-28dB; 11ac<-32dB
Wireless Security	- 64/128-bit WEP, WPA, WPA2, WPA-PSK, WPA2-PSK (TKIP/AES)
Reception Sensitivity	- 2.4G: 11b: 11M 20±1.5dBm ;
	11g: 54M 17±1.5dBm ;
	11n: MCS7 HT20 16±1.5dBm ;
	MCS7 HT40 16±1.5dBm ;
	- 5G: 11ac: MCS9 VHT80 15±2dBm ;
	11a: 54M 17±2dBm ;
	11n: MCS7 HT20 17±2dBm ;
	MCS7 HT40 17±2dBm ;

Others

Package Contents	- A2100UA Wireless Adapter *1
	- Installation Guide*1
System Requirement	- Windows 10 (32/64bits), Windows 8/8.1 (32/64bits), Windows 7 (32/64bits), Windows XP(32/64bits)
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉)
	- Storage Temperature: -40℃~70℃ (-40℉~158℉)
	- Operating Humidity: 5%~95% non-condensing
	- Storage Humidity: 5%~95% non-condensing

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