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5្ឌា 2\* 5dBi Antennas

## > Overview

# AC1200 Wireless Dual Band USB Adapter

### Model No. A2000UA

A2000UA Wireless AC USB adapter adopts the Next-GEN AC Wi-Fi technology with MU-MIMO supported to upgrade your Windows®-based laptop or PC to enjoy faster and stronger home Wi-Fi than normal 11ac adapters.

Featured by concurrent dual band, A2000UA allows you to choose the optimal Wi-Fi as you can. So it is the perfect solution for users with a MU-MIMO router.

## Features

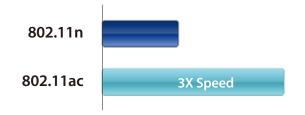
- Complies with IEEE 802.11ac/a/b/g/n standards.
- Up to 1167Mbps data rate for Wi-Fi network.
- MU-MIMO technology upgrades your PC/Laptop to enjoy faster Wi-Fi.
- Operates on either 2.4GHz or 5GHz band.
- Supports 5G band with less contention interference, more stable and better performance.
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK encryption.
- Provides Micro USB3.0 interface with USB extension cable.
- Works with all existing network infrastructures.
- Supports Windows 10/8/7/ XP/Vista (32/64-bit).
- Easy to install and configure.



## Selling point

### Next Generation 11AC Wi-Fi

A2000UA complies with the next generation 11ac standard, offering you 300Mbps on 2.4GHz or 867Mbps on 5GHz band, three times faster than 11n adapters.





### MU-MIMO Technology

Coupled with a MU-MIMO router, the latest wireless-AC technology upgrades your PC/Laptop to share faster and stronger home Wi-Fi than normal 11ac adapters.



Powerful USB3.0 Technology

The Micro USB 3.0 port and USB 3.0 extension cable delivers data transfer speed 10x faster than USB 2.0 and less power consumption.

### > One Click WPS Connection

To simplify Wi-Fi connection to a wireless AP/Router, A2000UA provides a WPS button for one click easy secured WiFi connection setup.

## **Specification**

#### **Hardware**

Interface - Micro 10 Pin USB 3.0

LED Indicator - 1 \*Wireless
Button - 1 \*WPS Button

Antenna - 2 \*5dBi detachable antennas

Dimensions (L x W x H) - 90 x 55 x 12mm (not including antennas)

### **Wireless**

Standards - IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a

RF Frequency - 2.4GHz/5GHz

Data Rate - 2.4G: Up to 300Mbps

- 5G: Up to 867Mbps

EIRP - 2.4GHz < 20dBm - 5GHz < 20dBm

Wireless Security - 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)

Reception Sensitivity - 2.4G:11b 11M: -81dBm@8% PER

11g 54M: -68dBm@10% PER

11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER

- 5G: 11a 54M: -68dBm@10% PER

11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER

11ac VHT80 MCS9: -51dBm@10% PER

#### **Others**

Package Contents - A2000UA Wireless Adapter \*1

- 5dBi antenna \*2

- Resource CD \*1

- USB Cable \*1

- Quick Installation Guide \*1

System Requirement - Windows 10 (32/64bits), Windows 8 (32/64bits), Windows 7 (32/64bits),

Windows XP (32/64bits)

Environment - Operating Temperature: 0 °C ~50 °C (32 °F ~122 °F)

- Storage Temperature: -40  $^{\circ}$ C ~70  $^{\circ}$ C (-40  $^{\circ}$ F ~158  $^{\circ}$ F)

- Operating Humidity: 5%~95% non-condensing

- Storage Humidity: 5%~95% non-condensing

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