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The Smartest Network Device

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# AC650 Wireless Dual Band USB Adapter

Model No. **A650USM**



433Mbps+200Mbps



Mini Design



MU-MIMO



Pre-installed Driver  
for Windows

## ➤ Overview

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A650USM 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 633Mbps(2.4G: 200Mbps+5G: 433Mbps), A650USM allows you to choose the optimal Wi-Fi as you can.

With no driver needed for Windows OS, simply plug and play, the USB 2.0 interface is suitable for almost all terminal devices. So it is the perfect solution for users with a MU-MIMO router.



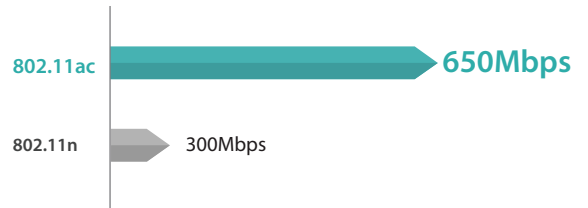
## ➤ Features

- Complies with IEEE 802.11ac/a/b/g/n standards.
- Up to 633Mbps 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.
- Universal USB2.0 interface for high compatibility.
- Supports Windows 10/8/7/XP (32/64-bit).
- Easy to install and configure.

# Selling point

## Next-GEN 11AC Performance

Adapting the next generation 11ac standard that brings you high speed Wi-Fi and amazing Internet surfing experience.



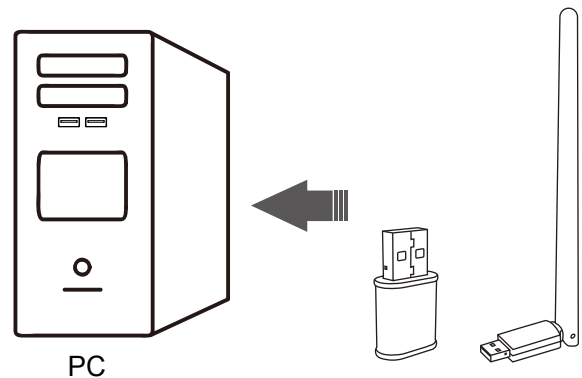
## Selectable Dual Band

The 2.4GHz band supports 256QAM for 200Mbps speedy data transfer, while 5GHz 433Mbps is ideal for lag-free HD video streaming and gaming.



## Easy to Use

No driver needed for the device installation on Windows OS, simply plug and play, suitable for everyone across the world.



## Built-in Antennas

With built-in omni-directional antennas, A650USM 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.



# Specification

## Hardware

Interface	- USB 2.0*1
LED Indicator	- 1 *Wireless
Dimensions (L x W x H)	- 33mm*20mm*10mm
Antenna	- built-in antenna

## Wireless

Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 200Mbps - 5GHz: Up to 433Mbps
EIRP	< 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Reception Sensitivity	- 2.4G: 11b: <-79dbm; 11g: <-68dbm; 11n: HT20<-65dbm HT40: <-61dbm - 5G: 11a:<-68dbm; 11ac: HT20<-65dbm HT40: <-61dbm HT80: <-51dbm

## Others

Package Contents	- A650USM Wireless Adapter *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℃~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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# A650USM

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