

AC650 Dual Band Wireless USB Adapter

Model No.: A600UB (V2.0)

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Product Design

No Driver Needed, Easy to Get Connected



Overview

A600UB adopts the latest generation AC Wi-Fi technology with MU-MIMO support, which can upgrade your Windows® laptop or desktop computer to enjoy faster and more powerful home Wi-Fi than ordinary 11ac adapters. A600UB features concurrent dual-band 633Mbps (2.4G: 200Mbps + 5G: 433Mbps) and Bluetooth 4.2, giving you the freedom to choose the best Wi-Fi connection and Bluetooth sharing. Windows operating system does not require drivers, plug and play, and the USB 2.0 interface is suitable for almost all terminal devices. Therefore, it is an ideal solution for users who have MU-MIMO routers.

IEEE 802.11ac standard

Adopting the new generation 11ac standard, it brings you high-speed Wi-Fi and amazing Internet browsing 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.

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.

Easy to Use

Built-in pre-stored drivers, just click the mouse, say goodbye to tedious download steps, and complete the installation automatically.

Built-in Antennas

With built-in omni-directional antennas, A600UB 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.

High Compatibility

A600UB supports multiple operating systems, such as Windows 10/11 (bit)

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 10/11
- Support Bluetooth 4.2 version, connect to various Bluetooth devices
- Easy to install and configure.

Specification

Hardware	
Chipset	- RTL8821CU-CG
Interface	- USB 2.0
LED Indicator	- 1 *Wireless
Dimensions(L x W x H)	- 24.6 x 16 x 8 mm
Antenna	- Built-in Dual-band antenna*1 - Built-in Bluetooth antenna*1
Wireless	
Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n - Bluetooth 4.2
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4G: Up to 200Mbps - 5G: Up to 433Mbps
EIRP	< 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Reception Sensitivity	-2.4G: -11b 11M: -81 dBm@8% PER -11g 54M: -68 dBm@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: -51dBm@10% PER
Others	
Package Contents	- A600UBWireless Adapter *1
System Requirement	- Windows 10/11 (64bit)
Environment	- Operating Temperature: 0°C~40 °C (32 °F~104°F) - Storage Temperature: -40°C~70 °C (-40 °F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing