

## USB 2.0 AC600 Mini Dual Band Wireless-AC Network Adapter - 1T1R 802.11ac WiFi Adapter

**Product ID:** USB433WACDB



The USB433WACDB USB 2.0 Mini AC600 Wireless Network Adapter lets you add Wireless-AC connectivity to a desktop or laptop computer, through a conveniently small USB adapter.

With bandwidth-intensive applications like streaming HD video, online conferencing, file transfers and gaming becoming more demanding, this Wireless-AC adapter gives you added speed and range for your office or home wireless network when paired with an 802.11ac router. The dual-band USB WiFi adapter supports maximum data rates of up to 433 Mbps on the 5GHz band, plus up to 150 Mbps on the 2.4GHz band.

This versatile network adapter features a 1T1R (1 transmitter, 1 receiver) antenna design, with a physical WPS button for secure, one-touch device registration. To integrate with all of your networking devices, the 802.11ac USB adapter is backward compatible with 802.11a/b/g/n networks.

Backed by a StarTech.com 2-year warranty, with free lifetime technical support.

### Certifications, Reports and Compatibility



## Applications

- Replace or upgrade the wireless capabilities of your desktop or laptop to the latest standard
- Connect to the less congested 5 GHz WiFi band to avoid interference from common wireless devices such as cordless phones
- Conference online, transfer files, stream HD video or game without lag, through faster wireless performance

## Features

- Wireless AC600 compatible (433 + 150 Mbps)
- Compliant with 802.11 a/b/g/n/ac standards
- USB 2.0 host interface
- Dual band 2.4 / 5 GHz support (802.11ac is 5 GHz only)
- 1 Transmitter / 1 Receiver (1x1:1) antenna configuration
- Supports WEP (64-128-bit), WPA and WPA2 wireless security
- WPS hardware button
- Supports WMM Quality of Service
- Compact design

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### Hardware

Warranty	2 Years
Interface	Wireless Ethernet
Bus Type	USB 2.0
Antenna Configuration	1x1:1 (TxR:S)
Industry Standards	IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11a, IEEE 802.11b
Chipset ID	Realtek - RTL8811AU

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### Performance

Maximum Data Transfer Rate	433 Mbps (5 GHz)
	150 Mbps (2.4 GHz)

Full Duplex Support	Yes
Frequency Range	2.4000~2.4835GHz 5.150~5.825GHz
Modulation	DSSS with DBPSK and DQPSK, CCK with long and short preamble, OFDM with BPSK, QPSK, 16QAM and 64QAM, 256QAM
Security Features	WEP Data Encryption  WPA and WPA2-PSK Data Encryption  TKIP/AES  WPA and WPA2 Enterprise Data Encryption

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#### Connector(s)

Connector Type(s)	1 - USB 2.0 Type-A (4 pin, 480Mbps)  1 - Wireless AC (IEEE 802.11ac)
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#### Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11  Windows Server 2003, 2008 R2, 2012, 2016, 2019, 2022  Mac OS X 10.6 to 10.14
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#### Special Notes / Requirements

System and Cable Requirements	Available USB port
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#### Indicators

LED Indicators	1 - Link / Activity
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#### Power

Power Source	USB-Powered
Input Voltage	5V DC
Output Voltage	5 DC

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#### Environmental

Operating Temperature	0C ~ 40C (32F ~ 104F)
Storage Temperature	-20C ~ 60C (-4F ~ 140F)

Humidity 0~90% RH

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**Physical Characteristics**

Color	Black
Material	Plastic
Product Length	1.4 in [35.0 mm]
Product Width	0.6 in [1.5 cm]
Product Height	0.3 in [0.7 cm]
Weight of Product	0.1 oz [4.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.7 in [17.0 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.3 in [32.0 mm]
Shipping (Package) Weight	3.5 oz [98.0 g]

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**What's in the Box**

Included in Package	1 - USB Wireless Adapter
	1 - Driver CD
	1 - Instruction Manual

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*\*Product appearance and specifications are subject to change without notice.*