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

StarTech 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.

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

Technical Specifications

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
Connector Type(s)	1 - USB A (4 pin) Male
Connector Type(s)	1 - Wireless AC (IEEE 802.11ac)
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
Security Features	WPA Data Encryption
Security Features	TKIP/AES
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows Server® 2012, 2008 R2, 2003(32/64) Mac OS® 10.7 and up (Tested up to 10.9)
System and Cable Requirements	Available USB port
Color	Black
Enclosure Type	Plastic
Product Length	1.4 in [35 mm]
Product Width	0.6 in [15 mm]
Product Height	0.3 in [7 mm]
Product Weight	0.1 oz [4 g]
LED Indicators	1 - Link / Activity
Power Source	USB-Powered
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	0~90% RH

Included in Package   1 - Instruction Manual

Certifications, Reports and Compatibility