USB Wi-Fi Adapter - AC600 - Dual-Band Nano Wireless Adapter

Product ID: USB433ACD1X1



This USB Wi-Fi adapter adds dual-band wireless connectivity to your laptop, tablet or desktop computer, and features a compact nano-sized form factor. It makes it easy to replace or upgrade your computer's existing wireless capability with access to both 2.4GHz and 5GHz Wi-Fi networks.

The dual-band USB Wi-Fi adapter adds reliable Wireless-AC connectivity to your laptop, tablet or desktop computer. As bandwidth-intensive applications such as online conferencing, HD video streaming, file transfers and gaming become more demanding, the USB Wireless-AC adapter provides greater speed and range for your office or home wireless network. The dual-band Wi-Fi adapter supports maximum data rates of up to 433 Mbps on the less congested 5GHz band, plus up to 150Mbps on the 2.4GHz band.

The USB nano wireless adapter features a compact form factor, so you can plug it into your laptop or tablet with minimal obstruction. The perfect accessory for your laptop, the Wi-Fi adapter is so compact that you can leave it plugged in without worrying about it getting in the way or snagging on something while you're on the go.

The versatile network adapter features a 1T1R (1 transmitter, 1 receiver) antenna design. To integrate with all of your networking devices, the USB 802.11ac adapter is backward compatible with 802.11a/b/g/n networks. The USB Wi-Fi adapter supports USB 2.0 for wide compatibility.

The USB433ACD1X1 is 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 laptop, tablet or desktop computer to the latest wireless-AC connectivity

• Upgrade your laptop to connect to the less congested 5GHz Wi-Fi band to avoid interference from common wireless devices such as cordless phones

• Add Wi-Fi networking to your desktop computer without internal expansion

• Conference online, transfer files, stream HD video or game without lag, through faster wireless performance

Features

• Add dual-band wireless connectivity to your laptop, tablet or desktop

• Compatible with both 2.4GHz and 5GHz networks (802.11ac is 5 GHz only)

• Data rates of up to 433Mbps on 5GHz and 150Mbps on 2.4GHz

• USB 2.0 host interface

• Compact Nano form factor

• IEEE 802.11a/b/g/n/ac compliant

• Supports WEP (64-128-bit), WPA and WPA2 wireless security

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
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
Connector(s)		
	Connector Type(s)	1 - USB 2.0 Type-A (4 pin, 480Mbps) 1 - Wireless AC (IEEE 802.11ac)
Software		
	OS Compatibility	Windows 7, 8, 8.1, 10, 11 Windows Server 2008 R2, 2012, 2016, 2019, 2022 Mac OS X 10.6 to 10.14
Special Notes / Requirements		
	Note	Compatible with both 2.4GHz and 5GHz networks (802.11ac is 5 GHz only)
Power		
	Power Source	USB-Powered
Environmental		
	Operating Temperature	0C ~ 40C (32F ~ 104F)
	Storage Temperature	-40C ~ 70C (-40F ~ 158F)

	Humidity	10~90% RH
Physical Characteristics		
	Color	Black
	Material	Plastic
	Product Length	0.7 in [1.7 cm]
	Product Width	0.9 in [2.2 cm]
	Product Height	0.3 in [8.5 mm]
	Weight of Product	0.1 oz [2.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	5.7 in [14.5 cm]
	Package Width	6.9 in [17.6 cm]
	Package Height	1.4 in [3.6 cm]
	Shipping (Package) Weight	2.5 oz [70.0 g]
What's in the Box		
	Included in Package	1 - USB wireless adapter
		1 - driver CD
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.