

USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter - 802.11ac WiFi Adapter - TAA

Product ID: USB867WAC22



The USB867WAC22 USB 3.0 AC1200 Wireless Network Adapter lets you add Wireless-AC connectivity to a desktop or laptop computer through USB 3.0.

With network applications like streaming HD video, online conferencing, and file transfers becoming more demanding, this Wireless-AC adapter gives you exceptional speed and range for your office or home wireless network when paired with an 802.11ac router. The dual band WiFi adapter supports maximum data rates of up to 867 Mbps on the 5GHz band (3x the speed of Wireless-N), plus up to 300 Mbps on the 2.4GHz band.

This versatile network card features a 2T2R (2 transmitter, 2 receiver) antenna design, with a physical WPS button for secure, one-touch device registration. To integrate with all of your networking devices, the adapter is also 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 AC1200 compatible (867 Mbps + 300 Mbps)
- Compliant with 802.11 a/b/g/n/ac standards
- USB 3.0 host interface
- Dual band 2.4 / 5 GHz support (802.11ac is 5 GHz only)
- 2 Transmitter/2 Receiver (2x2:2) antenna configuration
- Supports WEP (64-128-bit), WPA and WPA2 wireless security
- WPS hardware button
- Supports WMM Quality of Service
- Supports Soft AP mode

Hardware

Warranty	2 Years
Interface	Wireless Ethernet
Bus Type	USB 3.2 Gen 1 (5Gbps)
Antenna Configuration	2x2:2 (TxR:S)
Industry Standards	IEEE 802.11ac Draft 2.0, IEEE 802.11n, IEEE 802.11g, IEEE 802.11a, IEEE 802.11b
Chipset ID	Realtek - RTL8812AU

Performance

Maximum Data Transfer Rate	867 Mbps (5 GHz)
	300 Mbps (2.4 GHz)

Full Duplex Support	Yes
Frequency Range	2.400GHz ~ 2.484GHz 5.180GHz ~ 5.805GHz
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 Type-A (9 pin, 5 Gbps) 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 10.4 to 10.14
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Special Notes / Requirements

System and Cable Requirements	Available USB port
Note	Soft AP mode supported in Windows XP - 8.1

Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	0C to 70C (32F to 158F)
Humidity	10~90% RH

Physical Characteristics

Color	Black
Material	Plastic

Product Length	3.1 in [80 mm]
Product Width	1.1 in [2.9 cm]
Product Height	0.4 in [1 cm]
Weight of Product	0.6 oz [16 g]

Packaging Information

Package Quantity	1
Package Length	6.5 in [16.6 cm]
Package Width	5.4 in [13.6 cm]
Package Height	1.3 in [3.4 cm]
Shipping (Package) Weight	4.0 oz [114.0 g]

What's in the Box

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

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