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

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, file transfers and gaming 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

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## 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

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| **Hardware** | Warranty | 2 Years |
| | Antenna Configuration | 2x2:2 (TxR:S) |
| | Bus Type | USB 3.0 |
| | Chipset ID | Realtek - RTL8812AU |
| | Industry Standards | IEEE 802.11ac Draft 2.0, IEEE 802.11n, IEEE 802.11g, IEEE 802.11a, IEEE 802.11b |
| | Interface | Wireless Ethernet |
| **Performance** | Frequency Range | 2.400GHz ~ 2.484GHz<br>5.180GHz ~ 5.805GHz |
| | Full Duplex Support | Yes |
| | Maximum Data Transfer Rate | 867 Mbps (5 GHz)<br>300 Mbps (2.4 GHz) |
| | 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) USB 3.0 Male |
| | | 1 - Wireless AC (IEEE 802.11ac) |
| **Software** | OS Compatibility | Windows® XP, Vista, 7, 8, 8.1, 10<br>Windows Server® 2003, 2008 R2, 2012, 2016, 2019<br>Mac OS X® 10.4 to 10.14<br>Linux kernel 3.2 to 3.5.0 |
| **Special Notes / Requirements** | Note | Soft AP mode supported in Windows XP - 8.1 |
| | System and Cable Requirements | Available USB port |
| **Environmental** | Humidity | 10~90% RH |
| | Operating Temperature | 0°C to 60°C (32°F to 140°F) |
| | Storage Temperature | 0°C to 70°C (32°F to 158°F) |
| **Physical Characteristics** | Color | Black |
| | Material | Plastic |
| | Product Height | 0.4 in [1 cm] |

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|---|---|---|
| | Product Length | 3.1 in [80 mm] |
| | Product Width | 1.1 in [29 mm] |
| | Weight of Product | 0.6 oz [16 g] |
| **Packaging Information** | Package Height | 1.3 in [32 mm] |
| | Package Length | 6.7 in [17.1 cm] |
| | Package Width | 5.4 in [13.8 cm] |
| | Shipping (Package) Weight | 3.8 oz [108 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.