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**Wireless 802.11AC USB3.0 Lan Adapter 1167Mbps with Dual 5dbi antenna**

Model: 7WL1200D

**Introduction:**

7WL1200D Wireless AC1200 Dual Band Adapter based on 802.11ac technology delivers next generation WiFi speeds. The device enables multiple HD video streams and on-line gaming.

With speed up to 867Mbps(5G)+ 300Mbps(2.4G) and dual band technology, supports standard USB 3.0 interface, can quickly handle file transfer, video, multimedia and applications with high bandwidth requirements. Support Windows XP/Vista/7/8/10, Linx2.6X; Mac OS X operating system software driver.

We specially designed dual detachable external 5DBi high gain antenna of 7WL1200D to effectively improve the wireless signal receiving capability, enhance the stability of wireless signals.

**Supports Dual band**

This Wi-Fi adapter supports wireless speed of up to 300 Mbps on the 2.4 GHz frequency and up to 867 Mbps on the 5 GHz frequency, provided your (modem) router supports these speeds, too. The standard 2,4 GHz frequency is ideal for lighter applications such as online shopping, e-mailing and online banking whereas the less congested 5 GHz AC-Wi-Fi frequency is ideal for demanding applications such as HD streaming and online gaming.

**USB3.0 gold plated port**

USB3.0 gold plated port for much higher quality level.

**Dual 5dbi High gain Antenna Assure the performance**

7WL1200D adopts 2\*5dbi external detachable antenna design, aims to provide stronger signal efficiency and ultimate wireless coverage.

## Features:

Compliant with IEEE 802.11b/g/n/a/ac standards.  
 Support 2.4G/5G dual band connection, data rate of up to 867Mbps at 5GHz band, 300Mbps at 2.4GHz band, ideal for HD video streaming, on-line gaming , music download etc.  
 USB3.0 for higher quality level.  
 Compatible with Windows XP/WIN7/8/10 /LINUX/MAC operation systems.  
 Capable of up to 128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, 802.1x encryption.  
 With CCA technology, channel interference is effectively avoided.  
 With MIMO technology, data throughput and range are highly improved.  
 Support Ad-Hoc and Infrastructure working modes.  
 User-friendly setup and hassle-free configuration.  
 External dual detachable 5dbi antenna, provide flexible and portable using experience.

## APPLICATION:

Tablet TV  
 Android TV  
 Drones  
 Laptops/Desktops  
 MID Tablet PC  
 Smart Phones  
 Network Cameras  
 STB  
 GPS  
 Car DVR  
 Other device

## Specification:

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Chipset           | USB3.0/2.0                                                           |
| Interface         | RTL8812BU                                                            |
| LED               | Status                                                               |
| Antenna           | 2*5dbi high gain detachable Antenna                                  |
| Working Frequency | 2.412~2484GHz/5.15~5.825GHz                                          |
| RF Power          | 802.11g (OFDM) 54Mbps: 15+/-1dBm                                     |
|                   | 802.11n (OFDM) 150Mbps: 15+/-1dBm                                    |
|                   | 802.11ac (AC80) MCS9: 12+/-2dBm                                      |
| Transfer Distance | Indoor MAX: 100meters                                                |
| TR                | 2T2R                                                                 |
| Channels          | 1-14                                                                 |
| Transfer Speed    | 11b: Max 11Mbps, 11g: Max 54Mbps , 11n: Max 300Mbps, AC: Max 867Mbps |
| Modulation        | 802.11ac: MU-MIMO                                                    |
|                   | 802.11a: 5G OFDM                                                     |
|                   | 802.11n: MIMO-OFDM/CCK/DSSS                                          |
|                   | 802.11g: CCK/DSSS/OFDM                                               |
|                   | 802.11b: CCK/DSSS                                                    |

|                       |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| Receiving Sensibility | 11ac: -59dBm@867M                                                                 |
|                       | 11n: -68dBm@130M; -68dBm@108M                                                     |
|                       | 11g: -69dBm@54M                                                                   |
|                       | 11b: -85dBm@11M                                                                   |
| Voltage/Currency      | 5V DC $\pm 5\%$ V DC / <220mA (MAX)                                               |
| Security              | WPA/WPA2/WEP/802.1X/WMM                                                           |
| OS                    | Windows XP/Vista/7/8/10, Linx2.6X;Mac OS X                                        |
| Shell                 | Plastic case                                                                      |
| Color                 | Black                                                                             |
| Environment           | Operating Temperature: 0°C~40°C                                                   |
|                       | Storage Temperature: -40°C~70°C                                                   |
|                       | Operating Humidity: 10%~90%RH (Non Condensing)                                    |
|                       | Storage Humidity: 5%~90%RH (Non Condensing)                                       |
| Package Contents      | 1 x7WL1200D Adapter<br>2x5dbi detachable antenna<br>1 x Driver<br>1 x User Manual |