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

Model: 7WL1200B

**Introduction:**

7WL1200B 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 the detachable external high gain 5DBi antenna of 7WL1200B 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.

Soft AP Function Available

7WL1200B supports soft AP function, easy to setup wireless client and build up wireless network.

5dbi High gain Antenna Design for Stronger Performance

7WL1200B adopts 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 gold plated for more high 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.
Support WPS one key encryption.
With CCA technology, channel interference is effectively avoided.
With MIMO technology, data throughput and range are highly improved.
Smart AP switch function, easily share network resource.
Support Ad-Hoc and Infrastructure working modes.
User-friendly setup and hassle-free configuration.
External 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 gold plated
Interface	RTL8812BU
LED	Status
Button	WPS
Antenna	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
Size(mm)	244*16*7mm(including antenna)
Weight	26g
Environment	Operating Temperature: 0℃~40℃
	Storage Temperature: -40℃~70℃
	Operating Humidity: 10%~90%RH (Non Condensing)
	Storage Humidity: 5%~90%RH (Non Condensing)
Package Contents	1 x 7WL1200B Adapter 1x5dbi detachable antenna 1 x Driver 1 x User Manual