

Wireless 802.11AC USB2.0 Lan Adapter 1167Mbps with 2dbi antenna

Model: 7WL1200A



Introduction:

7WL1200A Wireless AC1200M 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 2.0 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 2DBi antenna of 7WL1200A 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.

Soft AP Function Available

7WL1200A supports soft AP function, easy to setup wireless client and build up wireless network.

2dbi External Antenna Design for Stronger Performance

7WL1200A adopts 2dbi external 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.
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 2dbi 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	USB2.0
Interface	RTL8812BU
LED	Status
Button	WPS
Antenna	2dbi 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)	30*18.5*8.3mm
Weight	25g
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 x7WL1200A Adapter 1x2dbi detachable antenna 1 x Driver 1 x User Manual