U12

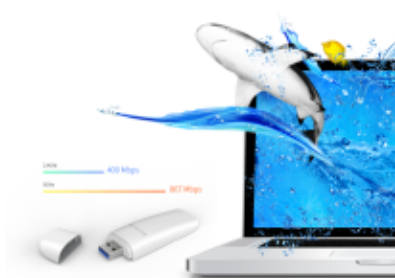## AC1300 Wireless Network Adapter for Extreme Multimedia Experience

Perfect for Gigabit WiFi Router

U12 is a dual-band 11ac Wireless USB Adapter.5GHz band wireless transmission rates is up to 867Mbps and the 2.4GHz is 400Mbps. It makes more smoothly on high-definition video,online games and other network experiences.It uses USB3.0 interface,which is 10 times transfer rate than USB2.0.Equipped with a USB extension cable,it is bettrer for flexible placement to choose the best position and achieve maximum performance.What is more,U12 is compatible with Windows xp/7/8/8.1/10, MAC OS10.6~10.12,Linux.

Gear Up with Gigabit Router for Unparalleled 5 GHz Network Performance

U12 fully leverages the bandwidth of a gigabit router to reach a wireless download speed of as high as 100 Mbps! More specifically, it takes merely 200 seconds to download a 2 GB movie, offering a thrilling cyber experience.

A New Generation of 11AC Wireless Technology That Offers 3X Transmission Speed

It employs the 256-QAM technology to break the transmission speed limit of the 802.11n protocol and achieve a throughput of up to 400 Mbps over the 2.4 GHz network. It also offers a throughput of up to 867 Mbps over the 5 GHz network. You can choose an operating frequency band rarely used in the ambient environment, so as to effectively avoid radio interference and network congestion for more stable wireless signals and better transmission performance.

Six Technological Innovations to Support 4K UHD Experience

1. Four electrically separated PCB layers for better anti-interference capabilities of components
2. High-precision linear power supply to further stabilize operations
3. Walsin RFD duplexer to improve signal utilization
4. TDK common mode filter to suppress signal interference from the USB port
5. Stable USB 3.0 transmission, 10 times faster than USB 2.0 transmission
6. High-gain extension cable (copper core shielded with multiple layers of aluminum foil) to allow you to flexibly adjust the location of the wireless network adapter for optimum performance

Compatibility beyond Windows 10

Compatible with Windows XP/7/8/8.1/10, MAC OSs 10.6 - 10.12, and Linux OSs, to address the requirements of various users for wireless internet connections

Specifications

Hadware Features	
Interface	USB3.0
Button	WPS button
LED	1* System LED
Dimensions (W X D X H)	93.8mm*30.2mm*13.4mm
Dimensions (W X D X H)	PIFA Antenna
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11ac, IEEE 802.11a,
	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	5GHz
	2.4GHz
Signal Rate	11n:Up to 400Mbps(dynamic)
	11ac:Up to 867Mbps(dynamic)
Transmit Power	<20dBm (EIRP)
Wireless Security	WPA-PSK/WPA2-PSK,WPA/WPA2,WEP,WPS
Modulation Technology	DBPSK, DQPSK, CCK, 16-QAM, 64-QAM, 256-QAM
OTHERS	
Certification	CE, FCC, RoHS,EAC
System Requirements	windows10(32/64bits),Windows 8.1(32/64bits), Windows 8(32/64bits),Windows 7(32/64bits),
	Windows XP(32/64bits), Mac OS X 10.6~10.12, Linux
Package Contents	Wireless Dual Band USB Adapter * 1
	USB Extension Cable * 1
	CD Resource * 1
	Install Guide * 1
Environment	Operating Temperature: 0℃~40℃（32℉~104℉）
	Storage Temperature: -40℃~70℃（-40℉~158℉）
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing
Related Products	AC9、AC15、AC18

Wireless | **U12** AC1300 Wireless Network Adapter for Extreme Multimedia Experience