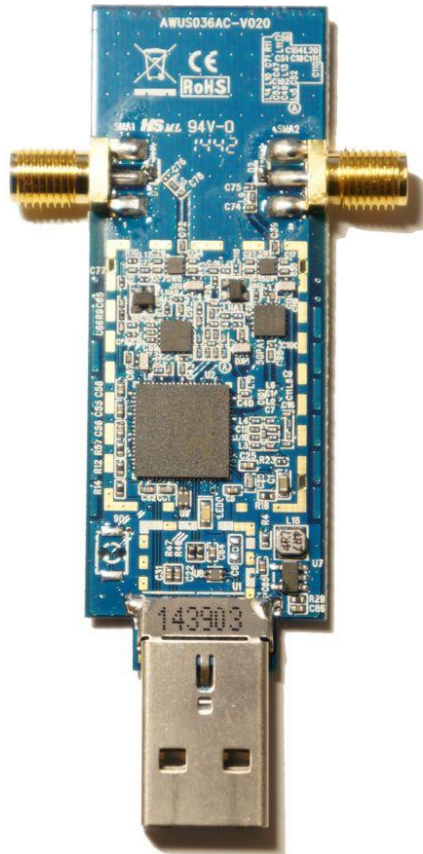


UM8812AU-EX

802.11ac AC1200 USB Module



**2.4GHz / 5GHz
Dual-Band**

**11ac
Wireless**



Super Speed



HD Streaming



Video Chat



E-mail



Web Surfing



File Transfers



Multiplayer Gaming

UM8812AU-EX

Specification

General Spec.	
Chipset	Realtek RTL8812AU
Standard	Wireless IEEE 802.11ac/a/b/g/n
Frequency	2.4GHz & 5GHz
RF Connector	RP-SMA Female x 2
Interface	USB 3.0 type A
Data Rate	802.11a : 6,9,12,18,24,36,48,54Mbps 802.11b : 1, 2, 5.5, 11Mbps 802.11g : 6,9,12,18,24,36,48,54Mbps 802.11n : up to 300Mbps 802.11ac: up to 867Mbps
Wireless Security	WEP, WPA, WPA2, WPA Mixed, WPS, 802.1x
Supported OS	Windows 2000, XP, Vista, 7, 8 Mac 10.7, 10.8, 10.9 and 10,10 Linux
Operation Voltage	5V \pm 10%
Dimension	70 x 25 x 0.6 mm (without connector) 85.5 x 41.8 x 0.6 mm (with USB 3.0+PR-SMA)
Temperature	Operation: 0 ~ 60°C Storage: -20 ~ 80°C
Humidity	Operation: 15~95% non-condensing Storage: max 95% non-condensing

UM8812AU-EX

Specification

RF Spec.			
802.11b/g/n	Data Rate	TX	RX
	HT20/40 MCS7	14	-71/-69
	HT20/40 MCS6	14	-73/-70
	HT20/40 MCS5	16	-78/-72
	HT20/40 MCS4	16	-80/-76
	HT20/40 MCS3	18	-84/-79
	HT20/40 MCS2	18	-86/-82
	HT20/40 MCS1	18	-87/-84
	HT20/40 MCS0	18	-89/-87
	11g 54M	14	-72
	11b 11M	18	-93
	802.11ac	Data Rate	TX
11a 6M		17	-93
11a 54M		17	-78
11ac VHT40/80 MCS9		14	-63/-60
11ac VHT20/40/80 MCS8		14	-70/-69/-66
11ac VHT20/40/80 MCS7		15	-74/-73/-70
11ac VHT20/40/80 MCS6		17	-76/-75/-72
11ac VHT20/40/80 MCS5		17	-77/-76/-73
11ac VHT20/40/80 MCS4		17	-82/-79/-77
11ac VHT20/40/80 MCS3		17	-85/-83/-80
11ac VHT20/40/80 MCS2		17	-90/-86/-84
11ac VHT20/40/80 MCS1		17	-92/-89/-86
11ac VHT20/40/80 MCS0		17	-93/-90/-87