

# **Quick Start Guide** Wireless AC1200 Dual-Band USB Adapter

**GWU735** PART NO. Q1262

www.iogear.com

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## Package Contents

- 1 x Wireless AC1200 Dual-Band USB Adapter
- 1 x Quick Start Guide
- 1 x Driver Installation CD
- 1 x Warranty Card

## **System Requirements**

#### **Operating System**

- Windows Vista<sup>®</sup>, Windows<sup>®</sup> 7, Windows<sup>®</sup> 8, Windows<sup>®</sup> 8.1
- Mac OS X 10.4 or above

Available USB 1.1, USB 2.0, or USB 3.0 port\*

\*Note: For best results, connect the wireless AC1200 Dual-Band USB adapter to a USB 3.0 port.

## **Overview**

- 1. WPS Button
- 2. LED Status Indicator
  - a. 1 flash/sec. Wireless LAN Adapter is active
  - b. 3 flashes/sec. Adapter is connecting to an Access Point
  - c. Off Wireless LAN adapter is disabled
- 3. USB Connector
- 4. Cap



## **Software Installation – PC**

 Insert the driver installation CD into your CD-ROM Drive. Double-click on Setup.exe to start the installation.



2. Wizard is ready to install driver and utility. Click **Next** to begin installation.



3. Click **Finish** to restart your computer for the installation to be in effect.



## Wireless Network Configuration – PC

#### Insert the USB Adapter

1. After the computer has restarted, insert the GWU735 Wireless AC1200 Dual-Band USB Adapter into an available USB port.\*



\*Note: For optimal performance, connect to a USB 3.0 port.

2. A new icon will appear in your system tray once the computer finishes the driver installation.



- Client mode utility running, but GWU735 is not plugged into computer.
- dll Client mode utility running, GWU735 is plugged in and can now scan for an available Access Point (AP).
- Client mode utility running, GWU735 is now connected to your wireless AP.

#### Connect to a Wireless Network

 Double-click the wireless utility icon ion on your desktop to open the IOGEAR USB Wireless LAN Utility.

B- WyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup Virtual WiFi	
- Realtek 8812AL	Status: Not Associated	
	Speed: N/A	
	Type: N/A	
	Encryption: N/A	
	SSID:	
	Signal Strength:	
	Link Quality:	
	Network Address:	
	MAC Address: 00:02:72:F1:16:6E	
	Realtek 8812AU Wireless LAN 802.11ac USB NIC	
	IP Address: 0.0.0.0	
	Subnet Mask: 0.0.0.0 Gateway:	
	ReNew IP	
21 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		
< >>	Disable Adapter	

2. Select the **Available Network** tab and wait for the utility to search for available wireless networks. The available networks will be listed in the table. Select the desired network and click **Add to Profile**.



3. Next, the **Wireless Network Properties** window will appear. Enter the network key, then click **OK** to continue.

Profile Name:	HOME		
The runner			
Network Name(SSID):	HOME		
Channel:	153 (5765MH; V		
Wireless network secu	urity		
This network requires	a key for the follow	ing:	
Netw	ork Authentication:	WPA2-PSK	Y
	Data encryption:	AES	~
ASCII PAS	SPHRASE		
Key index (advanced)	: 1 ~		
Network key:			
Network key:			

4. Once connected, the utility will display the **Signal Strength** and **Link Quality.** 

MyComputer (	General Profile	Available Network	Status	Statistics	Wi-Fi Protect Setup	Virtual WiFi		
Realtek 8812AL		Status: Associa	ted					
		Speed: Tx:867	Mbps R	x:867 Mb	ps			
		Type: Infrastr	ucture					
	End	cryption: AES						
		SSID: HOME						
	Signal S	trength:					100%	
	Link	Quality:					100%	

5. To set the currently connected network as your default, select the profile tab and click "**Set Default**".

VyComputer Realtek 8812AL	General	Profile	Available Network	Status	Statistics	Wi-Fi Protect Setup	Virtual WiFi	
a meaner contract	Availa	ble Prof	ile(s)					
	Prof	ile Nam	e					Add
	State of the second sec	lome						Remove
								Edit
								Duplicate
							-	Set Default

#### Wi-Fi Protected Setup<sup>™</sup>

Wi-Fi Protected Setup (WPS) is a simple and secure way to connect to an existing network. Before you start, make sure your wireless router / Access Point (AP) supports WPS. This optional certification feature provides two connection methods: **PIN Input Configuration (PIN)** or **Push-Button Configuration (PBC)**.

#### **Option 1: PIN Input Configuration (PIN) method:**

- 1. Open the Configuration program for your wireless router / Access Point and select the **WPS Client** set-up option.
- 2. Next, select the **Wi-Fi Protect Setup** tab in the IOGEAR USB Wireless LAN Utility, click the **Pin Input Config (PIN)** button.

IOGEAR 11ac USB Wire	ess LAN Utility	
ut(A)		
General Profile Available Network Status Statisti	cs Wi-Fi Protect Setup	Virtual WiFi
Wi-Fi Protected Setup (WPS)		-
An easy and secure setup solution for V	Vi-Fi network	
Role Selection		
As WPS Device		
Pin Input Config (PIN) After pushing the PIN		
button.Please enter the PIN code		
PIN Code: 70069648		
Pin Input Config (PIN)		
Push Button		

2. Click Yes to select a specific AP.



3. Choose the AP to configure, then click **Select**.



4. Enter the pre-generated PIN code into the Wireless AP WPS client setting. Please refer to your router's user manual for more instructions on how to add a WPS client. The WPS client screen you see may vary depending on your router.

	Add WPS Client
Wi-Fi Protected Setup - PIN method Wi-Fi Protected Setup - PIN method Please enter the following PIN code into your AP .	Select a setup method: Push Button (recommended) PIN Number This is the security PIN of the WPS client. While connecting, WPS-enabled adapters provide a randomly-generated security PIN. Enter Client's PIN: Next
Cancel	
	Help Center Show/Hide Help Center

5. Allow it to configure the security setting of your wireless router / AP.



6. You have now IOGEAR 11ac USB Wireless LAN Utility - 🗆 🗡 Refresh(R) Mode(M) About(A) successfully added B- S MyComputer General Profile Available Network Status Statistics Wi-Fi Protect Setup Virtual WiFi Status: Associated your computer to your Speed: Tx:144 Mbps Rx:144.5 Mbps Type: Infrastructure router's network. Encryption: AES SSID: HOME Signal Strength: 96% Link Quality: 100% Network Address: MAC Address: 00:02:72:F1:16:6E Realtek 8812AU Wireless LAN 802.11ac USB NIC #4 IP Address: 10.0.0.12 Subnet Mask: 255.255.255.0 Gateway: 10.0.0.1 Success The wireless client 'Windows1' (00:02:72:F1:16:6E) has been added to the network successfully. Click OK to go back to the Wi-Fi Protected Setup screen .... OK

#### **Option 2: Push Button Configuration (PBC) method:**

0

1. Press and hold the WPS button on the side of the GWU735 adapter for 5 seconds or click **Push Button Config (PBC)** button under the **Wi-Fi Protect Setup** tab in the utility.



 Next, press the physical WPS button on your wireless router / AP or virtual button on the WPS configuration page of the wireless router / AP configuration software. The WPS client screen you see may vary depending on your router.

Add WPS Client	
Select a setup method:	
Push Button (recommended)	
You can either press the physical push button on the router or click the button (soft push button) in this scree	en.
O PIN Number	

3. Allow it to configure the security setting of your wireless router / AP. The WPS client screen you see may vary depending on your router.

	Wi-Fi Protected Setup - PBC method ×
	Wi-Fi Protected Setup - PBC method
	If there is more than one AP on the PBC mode, there will be [Session Overlap].Please use PIN method or wait for a while and use PBC method again.
	Status : WPS Protocol Communication
	Complete :
	Push Button Config (PBC) Cancel
Connecting to N	lew Wireless Client
	XCancel
Sending config	uration data to the client
	Im

4. You have now successfully added your computer to your router's network.

é	IOGEAR 11ac USB Wireless LAN Utility 🛛 🗕 🗖 💌
Refresh(R) Mode(M) A	bout(A)
B- ₩ MyComputer	General       Profile       Available Network       Status       Statustics       Wi-Fi Protect Setup       Virtual WiFi         Status:       Associated         Speed:       Tx:867 Mbps Rx:867 Mbps         Type:       Infrastructure         Encryption:       AES         SSID:       WIRELESS NETWORK         Signal Strength:       100%         Link Quality:       100%         Network Address:       00:02:72:F1:16:6E         Reatek 8812AU Wireless LAN 802.11ac US8 NIC       IP Address: 10.0.0.12         Subnet Mask:       255.255.255.0
< > >	Reliew IP
Show Tray Icon Radio Off	Disable Adapter     Close     Virtual W/Fi allowed

Success	
The	wireless client 'Windows1' (00:02:72:F1:16:6E) has been added to the network successfully.
	Click OK to go back to the Wi-Fi Protected Setup screen
	ок

## **Software Installation – MAC**

- **Note:** Do not connect GWU735 Wireless AC1200 Dual-Band Adapter until prompted.
- Insert the driver installation CD into your computer's CD-ROM drive, open the MAC folder, then select the driver folder for your Mac OS system. Double-click Installer.pkg to begin the installation.



2. On the introduction page, click **Continue** to proceed.

	Welcome to the IOGEAR Wireless-AC USB Adapter Driver and
<ul> <li>Introduction</li> <li>Read Me</li> <li>License</li> <li>Destination Select</li> <li>Installation Type</li> <li>Installation</li> </ul>	Welcome to 11ac WLAN world
	Go Back Continue

3. Read the important information and click **Continue** to proceed.



4. Select your language and click **Continue** to proceed.

	English \$
e Read Me	Copyright (c) 2014. All rights reserved.
e License	
Destination Select	
Installation Type	
Installation	and and a second second
ApSymmary A 5	T I I I I I I I I I I I I I I I I I I I

5. Click Agree to continue.



6. Click Install to start the driver and utility installation.



7. When prompted, click **Continue Installation** to proceed.



8. Once the installation is successful, click **Restart** to complete the installation process.



## Wireless Network Configuration – MAC

#### **Connecting to a Network**

1. After restarting, open the Applications folder on your Mac and the **IOGEAR Wireless-AC Network Utility** will appear.



IOGEAR Wireless-AC Network Utility

2. Insert GWU735 into an available USB port\*, then open the **IOGEAR Wireless-AC Network Utility** in your Applications folder.

Link Status	Profiles	Available Network	WPS	Information
MAC Address :	000272f11	66e		
SSID :				
BSSID :				
Security :	None			
Connection :	Disconnect	ed		
Network Type :				
Channel :				
Link Speed(Mbps) :	-			
Signal Strength :	[			0%

\*Note: For optimal performance, connect to a USB 3.0 port.

3. To connect to an available network, click the **Available Network** tab, select the desired network, and click **Connect**.

	Link Status	Profiles	Av	ailable Network	WPS Informa	tion
Associated	SSID	Char	nel	Network Type	Encryption	BSSID
	Home Office	1		Infrastructure Infrastructure	WPA(2)-PSK AES No Encryption	001cc2024f1e 00222dbf160d
	Guest	1		Infrastructure	WPA2-PSK AES	1864729e7260
		Refresh	ň		Cor	nect

4. Next the Wireless Network Security Properties window will appear. Enter the network key, then click OK to continue.

Profile Name : HO	ME				
SSID : HO	ME				
This is a computer	-to-computer (	AdHoc) netw	ork; wireless a	ccess points are	e not used
Channel : 1	\$				
Wireless Network Security	Properties				
This network require	s a key for the f	ollowing :			
Network Authenticati	on : WPA2_PSk	( )			
Data Encrypti	on : AES	\$			
ASC					
Key index (advance	d): 1	\$			
Network k	ey : ••••••	•••••			
Confirm network k	ev :				

5. Once successfully connected, the utitlity will display the signal strength of the network.

0	IOGEAR Wireless-AC Network Utility
Link Status	Profiles Available Network WPS Information
MAC Address :	000272f1166e
SSID :	HOME
BSSID :	4494fc3ac008
Security :	WPA2-PSK AES
Connection :	Connected
Network Type :	Infrastructure
Channel :	6
Link Speed(Mbps) :	144
Signal Strength :	100%
	Turn Radio OFF

**Wi-Fi Protected Setup (WPS)** is a simple and secure way to connect your Mac to an existing network. Before you start, make sure your wireless router / Access Point (AP) supports WPS. This optional certification feature provides two connection methods: **PIN Input Configuration (PIN)** or **Push-Button Configuration (PBC)**.

**Option 1: PIN Input Configuration Method:** 

- 1. Open the configuration program for your Wireless Router / Access Point and select the **WPS Client Setup**. Then select the **PIN Configuration** option.
- Next, select the WPS tab in the IOGEAR Wireless-AC Network Utility and enter the pre-generated PIN into the Client PIN field in your router / AP software.

Carbon And				
SID	Channel	Security	BSSID	Add WPS Client
IOME	1	WPA2-PSK AES	4494fc3ac008	
UEST	1	No Encryption	00222dbf160d	
FFICE	11	No Encryption	944452524b70	Select a setup method.:
				Push Button (recommended)
				Pib Number
				This is the security PIN of the WPS client. While connecting, WPS-enabled adapters provide a randomly-generate security PIN.
				Enter Client's PIN: 88333977

3. Allow it to configure the security setting of your wireless router / AP. The WPS client screen you see may vary depending on your router.

00	IOGEA	R Wireless-AC Network Uti	lity		
Lin	k Status Profiles	Available Network	VPS Informatio	n	
SSID	Channel	Security	BSSID		
HOME	1	WPA2-PSK AES	4494fc3ac008		
GUEST	1	No Encryption	00222dbf160d	d .	
OFFICE	11	No Encryption	94445252467	0	
		No.			
		5 1 5 1 5 1			Connecting to New Wireless Client
SCAN	Please key the PIN: 88333	PIN code into your AP's co 977	onfig page	PIN	The diagets Disk is 88330077
WPS Progres	s : Scan Active V	VPS AP			Please click the software button on the client to start the WPS process
-			4 sec	Cancel	



#### **Option 2: Push-Button Configuration (PBC) Method**

1. Press and hold the WPS Button on the side of the GWU735 adapter for 5 seconds or you can press the virtual **PBC** button under the **WPS** tab of the **IOGEAR Wireless-AC Network Utility**, as shown below.

00		IOGEAR	Wireless-AC Network	Utility		
(	Link Status	Profiles	Available Network	WPS	Information	)
SSID	Ch	annel	Security	BS	SID	
HOME	15	3	WPA2-PSK AE	S 44	94fc3ac007	
GUEST	1		No Encryption	n 00	222dbf160d	
OFFICE	6		WPA2-PSK AE	S 44	94fc3ac008	
SCAN	N Plea PIN:	ise key the I 358475	PIN code into your AP' 26	s config	page	PIN PBC
						Cancel

2. Next, press the physical WPS button on your wireless router / AP or the virtual button on the WPS configuration page of the wireless router / AP configuration software. The WPS Client screen you see may vary depending on your wireless router.

elect a setup method:	
Push Button (recommended)	
You can either press the physic	al push button on the router or click the button (soft push button) in this screen.
	60

3. Allow it to configure the security setting of your wireless router / AP.

HOME 153 WPA2-PSK AES 4494fc3ac007 GUEST 1 No Encryption 00222dbf160d OFFICE 6 WPA2-PSK AES 4494fc3ac008 SCAN Please key the PIN code into your AP's config page PIN PIN: 35847526 PBC WPS Progress : Scan Active WPS AP	HOME 153 WPA2-PSK AES 4494fc3ac007 GUEST 1 No Encryption 00222dbf160d OFFICE 6 WPA2-PSK AES 4494fc3ac008 SCAN Please key the PIN code into your AP's config page PIN PIN: 35847526 PBC WPS Progress : Scan Active WPS AP Scan Cancel ing to New Wireless Client	SSID	Channel	Security	BSSID	
SUEST     1     No Encryption     00222dbf160d       DFFICE     6     WPA2-PSK AES     4494fc3ac008       SCAN     Please key the PIN code into your AP's config page     PIN       PIN:     35847526     PBC       WPS Progress :     Scan Active WPS AP     Ssec	SUEST       1       No Encryption       00222dbf160d         OFFICE       6       WPA2-PSK AES       4494fc3ac008         SCAN       Please key the PIN code into your AP's config page       PIN         PIN:       35847526       PBC         WPS Progress :       Scan Active WPS AP       5 sec         Cancel       ing to New Wireless Client	HOME	153	WPA2-PSK AES	4494fc3ac007	
OFFICE 6 WPA2-PSK AES 4494fc3ac008	OFFICE 6 WPA2-PSK AES 4494fc3ac008	GUEST	1	No Encryption	00222dbf160d	1
SCAN Please key the PIN code into your AP's config page PIN PIN: 35847526 PBC WPS Progress : Scan Active WPS AP	SCAN Please key the PIN code into your AP's config page PIN PIN: 35847526 PBC WPS Progress : Scan Active WPS AP 5 sec Cancel	OFFICE	6	WPA2-PSK AES	4494fc3ac008	
SCAN       Please key the PIN code into your AP's config page       PIN         PIN:       35847526       PBC         WPS Progress :       Scan Active WPS AP	SCAN       Please key the PIN code into your AP's config page       PIN         PIN:       35847526       PBC         WPS Progress :       Scan Active WPS AP         Image: Scan Active WPS AP       5 sec       Cancel         ting to New Wireless Client       State       State			No. of the second secon		
WPS Progress : Scan Active WPS AP	WPS Progress : Scan Active WPS AP 5 sec Cancel ing to New Wireless Client	SCAN	Please key the Pl PIN: 3584752	N code into your AP's co ?6	nfig page	PIN PBC
	ting to New Wireless Client	WPS Progress	s : Scan Active WP	S AP	5 sec	Cancel
XCancel						
Cancel						

4. You have now successfully added your computer to your router's network.



# Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

# **CE Statement**

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (2004/108/EC), Low Voltage (2006/95/EC) and R&TTED (1999/5/EC).

# **Limited Warranty**

#### WE'RE HERE TO HELP YOU! NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:

1. Visit www.iogear.com for more product information

2. Visit www.iogear.com/support for live help and product support

Warranty Information

This product carries a 3 Year Limited. For the terms and conditions of this warranty, please go to http://www.iogear.com/support/warranty

Register online at http://www.iogear.com/register

Important Product Information Product Model \_\_\_\_\_ Serial Number \_\_\_\_\_

# **CE Statement**

IOGEAR

iogear.custhelp.com support@iogear.com www.iogear.com 19641 Da Vinci, Foothill Ranch, CA 92610 FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT This equipment has been tested and found to comply with the limit s for a

Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment of f and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference

that may cause undesired operation.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2. This equipment complies with FCC RF radiation exposure

limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. R&TTE directive

"Hereby, ATEN Technology, Inc., dba IOGEAR, declares that this WLAN 11ac USB Adapter,2T2Ris in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC."



