

Quick Start Guide Wireless AC1200 Dual-Band USB Adapter

GWU735 PART NO. Q1262

www.iogear.com

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Table of Content

Table of Contents	3
Package Contents	4
System Requirements	4
Overview	5
Software Installation – PC	6
Wireless Network Configuration – PC	7
Software Installation – MAC	16
Wireless Network Configuration – MAC	11
FCC Statement	27
CE Statement	27
Limited Warranty	28
Contact	28

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[®], Windows[®] 7, Windows[®] 8, Windows[®] 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	
-S 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 -		
< >> Show Tray Icon	Disable Adapter Cic	

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.

OME		
OME		
53 (5765MH; V		
Y		
key for the follow	ing:	
Authentication:	WPA2-PSK	~
Data encryption:	AES	~
HRASE		
1 ~		
	Authentication:	S3 (5765MH; V key for the following: Authentication: WPA2-PSK Data encryption: AES HRASE

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

General Profile Available Network Status Statistics Wi-Fi Protect Setup Virtual WiFi Status: Associated Speed: Tx:867 Mbps Rx:867 Mbps	
Status: Associated	
Speed: Tx:867 Mbps Rx:867 Mbps	
Type: Infrastructure	
Encryption: AES	
SSID: HOME	
Signal Strength: 1009	6
Link Quality: 1009	6

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

WyComputer Realtek 8812AL	General	Profile	Available Network	Status	Statistics	Wi-Fi Protect Setup	Virtual WiFi	
Trediter OOTEAL	Available Profile(s)							
		ile Nam	e					Add
	W F	lome						Remove
								Edit
								Duplicate
							-	Set Default

Wi-Fi Protected Setup[™]

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 11	ac USI	B Wireles	s LAN Utility	
out(A)						
General	Profile	Available Network	Status	Statistics	Wi-Fi Protect Setup	Virtual WiFi
Wi_I	Fi Dra	otected Setu				
		d secure setup	• •		Fi network	
Role	Selectio	n .				
As	WPS D	Device				
		nfig (PIN) g the PIN				
		e enter the PIN c	ode			
	PIN Co	de: 70069648				
	Pin In	put 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 . PIN Code : 70069648	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: 70069648 Next
Status : HOME WPS Protocol Communication Cancel	
	Help Center Show/Nide 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.

dd WPS Client	
elect 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 screen.
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 I	New Wireless Client
	Cancel
Sending config	uration data to the client

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
۲ ک	ReNew 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
 Introduction Read Me License Destination Select Installation Type Installation 	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.

Introduction	English ‡
🛛 Read Me	Copyright (c) 2014. All rights reserved.
e License	
Destination Select	
Installation Type	
Installation	maturind
Summary multinum	a to
7	

5. Click **Agree** to continue.



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

😑 🔿 🔿 🛛 🥪 Install IG	GEAR Wireless-AC USB Adapter Driver and Utility	
	itandard Install on "Macintosh HD" This will take 6.6 MB of space on your computer. Click Install to perform a standard installation of]
 Destination Select Installation Type Installation Installation 	this software for all users of this computer. All users of this computer will be able to use this software.	
	Curtomize Co Pack Install	
	Customize Go Back Install)

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 :				
DCCID.	-			
BSSID :				
Security :	None			
Connection :	Disconnect	ed		
Network Type :				
	-			
Channel :				
Link Speed(Mbps) :				
Ci				00/
Signal Strength :	c.			0%
				Turn Radio OF

*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	Available Network	WPS Informa	tion
Associated	SSID	Chann	el Network Type	Encryption	BSSID
	Home Office Guest	1 1 1	Infrastructure Infrastructure Infrastructure	WPA(2)-PSK AES No Encryption WPA2-PSK AES	001cc2024f1e 00222dbf160d 1864729e7260
		Refresh		Cor	

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

Profile Name : HO	NE			
SSID : HO	ИЕ			
This is a computer-	-to-computer (A	AdHoc) netw	ork; wireless ac	cess points are not used
Channel : 1	\$			
Wireless Network Security F	roperties			
This network requires	a key for the fo	llowing :		
Network Authenticatio	n : WPA2_PSK	\$		
Data Encryptio	n : AES	\$		
ASCI				
Key index (advanced	b : 1	\$		
Network ke	y : •••••	•••••		
Confirm network ke				

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

0 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.

SSID	Channel	Security	855ID	
HOME	1	WPA2-PSK AES	4494fc3ac008	Add WPS Client
UEST	1	No Encryption	00222dbf160d	
OFFICE	11	No Encryption	944452524b70	Select a setup method.: Push Button (recommended) pith Number
				This is the security PIN of the WPS client. While connecting, WPS-enabled adapters provide a randomly-generate security PIN.

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.

SSID	Channel	Security	BSSID	
HOME		WPA2-PSK AES	4494fc3ac008	
GUEST	1	No Encryption	00222dbf160d	
OFFICE	11	No Encryption	944452524b70	
SCAN	Please key the P	IN code into your AP's cor	nfig page PIN	Connecting to New Wireless Client
SCAN	Please key the P PIN: 8833397	IN code into your AP's con	nfig page PIN PBC	



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.

1	900	IOGEAR Wir	eless-AC Network Util	ity
	Link	Status Profiles Av	vailable Network	PS Information
	SSID	Channel	Security	BSSID
	GUEST OFFICE	153 1 6	WPA2-PSK AES No Encryption WPA2-PSK AES	4494fc3ac007 00222dbf160d 4494fc3ac008
	SCAN	Please key the PIN o PIN: 35847526	code into your AP's co	nfig 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.

Select a setup method:	
Push Button (recommended)	
You can either press the physical pu	sh button on the router or click the button (soft push button) in this screen.
	S

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

SSID	Channel	Security	BSSID	
HOME	153	WPA2-PSK AES	4494fc3ac007	7
GUEST	1	No Encryption	00222dbf160	
OFFICE	6	WPA2-PSK AES	4494fc3ac008	
		S. S.		
SCAN	Please key the P PIN: 3584752	IN code into your AP's co 26	nfig page	PIN PBC
WPS Progress	s : Scan Active WP	S AP		
)	5 sec	Cancel
ting to New Wire	eless Client			-
		Cancel	0.0000	OTO 10
			and some large large	And shared shares of

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."



