TP-LINK[®]

Archer T2U User Guide

AC600 Wireless Dual Band USB Adapter

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About This Guide

This guide is a complement to Quick Installation Guide. The Quick Installation Guide instructs you on quick Internet setup, and this guide provides details of each function and shows you the way to configure these functions appropriate to your needs.

When using this guide, please notice that features of the adapter may vary slightly depending on the model and software version you have. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following conventions are used:

Convention	Description
Blue Italic	Hyperlinks are in blue italic. You can click to redirect to a website or a specific section.
Blue	Contents to be emphasized and texts on the web page are in blue, including the menus, items, buttons, etc.
Note:	Ignoring this type of note might result in a malfunction or damage to the device.
Tips:	Indicates important information that helps you make better use of your device.

More Info

- The latest software and utility can be found at Download Center at *http://www.tp-link. com/support*.
- The Quick Installation Guide (QIG) can be found where you find this guide or inside the package of the product.
- Specifications can be found on the product page at *http://www.tp-link.com*.
- A Technical Support Forum is provided for you to discuss our products at *http://forum. tp-link.com*.
- Our Technical Support contact information can be found at the Contact Technical Support page at *http://www.tp-link.com/support*.

Chapter 1

Get to Know About Your Adapter

This chapter introduces what the adapter can do and shows its appearance.

This chapter contains the following sections:

- Product Overview
- LED Status

1.1. Product Overview

TP-LINK's Wireless USB Adapter connects your notebook or desktop computer to a wireless network for applications such as lag-free video streaming, online gaming, and secure Internet surfing. And the adapter has following features:

- Supports 802.11ac standard.
- Seamlessly compatible with 802.11a/b/g/n/ac products.
- USB 2.0 port.
- Dual Band connections for lag free HD video streaming and gaming.

• Maximum speed of up to 433Mbps for 5GHz network and up to 150Mbps for 2.4GHz network.

- Supports ad-hoc and infrastructure mode.
- Supports 64/128 WEP, WPA/WPA2, WPA-PSK/WPA2-PSK(TKIP/AES), IEEE 802.1x.
- Easy Wireless Configuration Utility.
- Supports Windows, Mac and Linux.

1.2. LED Status



You can check the adapter's working status by following the LED Explanation table.

Status Indication					
Off	The driver has not been installed. The adapter's radio has been disabled.				
Flashing Slowly	The driver has been installed but no data is being transmitted or received.				
Flashing Quickly	Data is being transmitted or received.				

Tips:

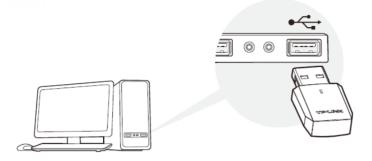
If the LED is off, try these troubleshooting tips:

- 1. Remove and reinsert the adapter.
- 2. Insert the adapter in a different USB port on your computer if one is available.
- 3. For Windows users, check the Windows device manager to see if the adapter is recognized and enabled. Reinstall the adapter software, if necessary.

Chapter 2

Connect to a Computer

Before you begin using your adapter, insert the adapter to a USB port on your computer directly.



Note:

- 1. In Windows XP, a Found New Hardware Wizard window will appear when the adapter is detected. Please click Cancel.
- 2. In Windows 8.1 and Window 10, the adapter is able to search for Wi-Fi networks after being inserted, but it will not function normally until you install the driver.

After connecting your adapter to the computer, please follow the instructions in the appropriate chapter for your operating system: *Windows*, *Mac OS X*, *Linux*.

Chapter 3

Windows

This chapter introduces how to install your adapter's driver and utility, use your adapter to join a wireless network, manage your adapter, and uninstall your adapter in a Windows system. The adapter is equipped with a Setup wizard, which can guide you through the installation process.

This chapter includes the following sections:

- Install Driver and Utility
- Join a Wireless Network
- Management
- Uninstall Driver and Utility

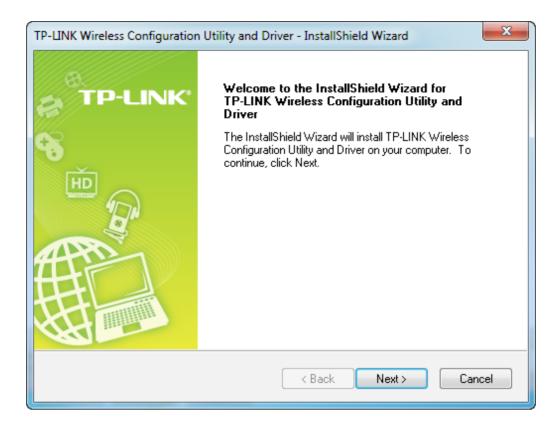
3.1. Install Driver and Utility

To set up your adapter with several easy steps quickly:

1. Insert the resource CD into your CD drive and run the Autorun.exe from the pop-up AutoPlay window. Select Archer T2U and click Install Driver to begin.

TP-LINK The Reliable Choice	Setup Wizard
Archer T2U Install Driver User Guide	Archer T2UH
Specifications are subject to change without notice. More info is a registered trademark of TP-LINK Technologies Co., Ltd.	rmation, please refer to http://www.tp-link.com. TP-LINK Browse CD EXIT

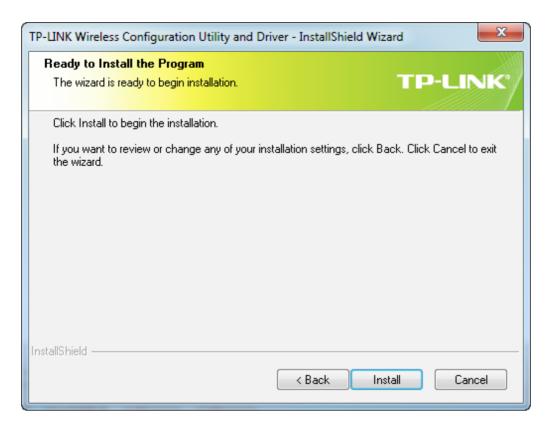
2. Follow the step-by-step instructions of the Quick Setup to complete the initial configuration.



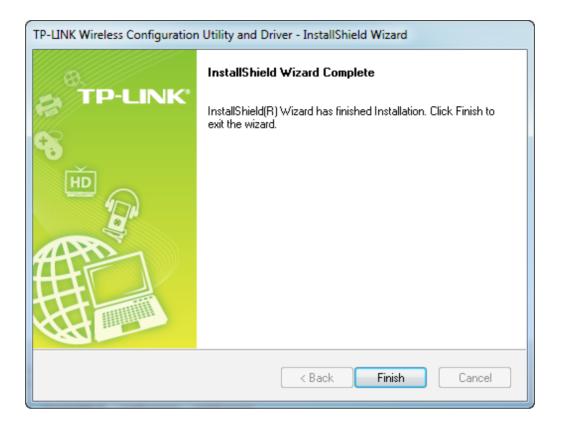
TP-LINK Wireless Configuration Utility and Driver - InstallShield Wizard							
Setup Type Select the setup type that best suits your needs.	TP-LINK*						
Click the type of setup you prefer.							
Install Driver Only Install TP-LINK Wireless Configuration Utility and Driver	Description Choose this option to install the driver only, without installing the client utilities. This is the recommended option.						
InstallShield < Bac	ck Next > Cancel						

Note:

The default setup type is Install Driver Only. You can also select Install TP-LINK Wireless Configuration Utility and Driver for more functions, such as joining a wireless network via TP-LINK Utility or WPS, and managing the adapter.



TP-LINK Wireless Configuration Utility and Driver - InstallShield Wizard
Setup Status TP-LINK
InstallShield(R) Wizard is installing the driver
InstallShieldCancel



3.2. Join a Wireless Network

You can join a wireless network via Windows built-in Wireless Utility. If you want to use Option 2: TP-LINK Utility or Option 3: WPS (Wi-Fi Protected Setup) to join a wireless network, you need to install the TP-LINK Utility first.

Option 1: Windows Wireless Utility

You can use the Windows WLAN Autoconfig service (for Windows 7/8/8.1/10) and the Wireless Zero Configuration service (for Windows XP) to join a Wi-Fi network.

Option 2: TP-LINK Utility

TP-LINK Utility lets you easily connect the adapter to a Wi-Fi network and manage the adapter.

Option 3: WPS (Wi-Fi Protected Setup)

WPS (Wi-Fi Protected Setup) is a network security standard for easily adding computers and other devices to a home network. Use this method if your wireless router or access point supports WPS.

3.2.1. Windows Wireless Utility

Follow the instructions in the appropriate section below to use your computer system's built-in wireless utility: *Windows 7/8/8.1/10, Windows XP*.

- Windows 7/8/8.1/10
- 1. Click 🛍 , 🐗 or 🕷 (Network icon) on the taskbar. Select the Wi-Fi network you want to join, and click Connect. Enter the network password when prompted.
- 2. When the network icon changes to \mathbb{A} or \mathbb{A} , it indicates a successful network connection.

Note:

If you do not want to enter the Wi-Fi password, you can also join a wireless network either by pushing the WPS or QSS button on your router or AP, or entering the PIN of your router when the screen prompts you to do so.

- Windows XP
- 1. If you have not installed the TP-LINK Utility, go to step 2.

If you have installed the TP-LINK Utility, you need to switch to use the Windows wireless configuration tool manually using one of the following methods.

Method 1: Right-click **M** (TP-LINK Utility icon) on the taskbar. (If you do not see the icon, click the hidden icons arrow on the taskbar.) Select Switch to Windows wireless configuration tool.

Open		
Radio OFF		
Switch to Windows wireless configuration tool		
Switch to SoftAP mode		
About		
Exit		
en 🕥 🖁	1 =¥ %	Þ

Method 2: Open the TP-LINK Utility and select Advanced tab. Select Use Windows wireless configuration tool. Click OK when it prompts.

2. Right-click 🜌 (Windows XP Wireless Zero Configuration Utility icon) on the task bar, and select View Available Wireless Networks.

Change Windows Firewall settings		
Open Network Connections	The Act	. B.
Repair	Exclosured	
View Available Wireless Networks	10.06147-0.071	
EN 🔇	🖉 atl 🖻 🏂 😂 🔟	3:12 PM

3. Select the network you want to join, and click Connect. Enter your Wi-Fi password when prompted.

3.2.2. TP-LINK Utility

1. Open TP-LINK Utility 🐔 . The Network screen displays.

	WPS					
Status	WPS	Network	Profile	Advanced		
Network Nam	ne(SSID) 🔻	Sec	urity 👻	Channel 👻	Signal 🥆	
TP-LINK_CD5	21S	None		6 (2.4G)		Γ
TP-LINK_Netv	vork	WPA2-	Personal	11 (2.4G)		
TP-LINK_1309	969	None		6 (2.4G)	.atl	
TP-LINK_1234	1BF	WPA2-	Enterprise	6 (2.4G)		
TP-LINK_1309	919	None		7 (2.4G)		
TP-LINK_1043	3C2	WPA/V	VPA2-Personal	36 (5G)	at l	
TPLINK_DATA	TRANS	WPA-P	ersonal	11 (2.4G)	din.	
TP-LINK_C1D	55D	WEP		7 (2.4G)	100	

2. Select the network you want to join from the list on this screen and click Connect. If you want the adapter to automatically connect to the network next time, select the Connect automatically checkbox. Enter your Wi-Fi password when prompted.

The	P-LIN	к		_		- x
	Status	WPS	Network	Profile	Advanced	
	Network Nan	ne(SSID) 👻	Sec	urity 👻	Channel 👻	Signal 🔻
	TP-LINK_CD5	521S	None		6 (2.4G)	al î
	TP-LINK_Netv	work	WPA2-	-Personal	11 (2.4G)	-atl
			Connect	tautomatically	Conne	ct
	TP-LINK_130	969	None		6 (2.4G)	all
	TP-LINK_1234	4BF	WPA2	Enterprise	6 (2.4G)	-11
	TP-LINK_130	919	None		7 (2.4G)	all
	TP-LINK_104	3C2	WPA/	WPA2-Personal	36 (5G)	- 11
	TPLINK_DATA	A_TRANS	WPA-F	Personal	11 (2.4G)	- 16
						Rescan

Note:

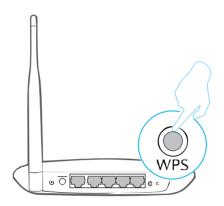
If your Wi-Fi network is not displayed in the list, you can try to join it by WPS or by adding a profile in the Profile screen.

3. 2. 3. WPS (Wi-Fi Protected Setup)

WPS can be activated via PBC (Push Button Configuration) and PIN code. Please refer to *PBC* or *PIN* below.

• PBC

1. Press the WPS/QSS button on your router or AP.



2. Open TP-LINK Utility and click WPS tab. Select Push the button on my access point or wireless router and click Connect.

	К				- x
	WPS		4	100 m	
Status	WPS	Network	Profile	Advanced	
● Push the	pose a method to j e button on my ac e PIN of my acces	ion will guide you th oin a wireless netw cess point or wirele ss point or wireless e into my access p	ork: ess router. router.) your wireless network outer.	c. Connect

3. The following screen indicates a successful connection by WPS. Click OK.



• PIN

Option 1

1. Open TP-LINK Utility and click WPS tab. Select Enter the PIN of my access point or wireless router. Enter the PIN of your router or AP. Click Connect.

	K				- x
	WPS				
Status	WPS	Network	Profile	Advanced	
○ Push the ● Enter the PIN: 1349	ose a method to j e button on my ac e PIN of my acces 2564	ion will guide you th oin a wireless netw cess point or wirele ss point or wireless e into my access p	ork: ess router. router.	g your wireless network	c.

Note:

The default PIN of your router or AP is printed on the product label of your router or AP. If you generated a new PIN for your router, please enter the new one.

2. The following screen indicates a successful connection by WPS. Click OK.



Option 2

1. Open TP-LINK Utility and click WPS tab. Select Enter the PIN of this device into my access point or wireless router. The screen displays a PIN of the adapter, which is generated randomly. Click Connect.

	к				- x
	WPS		¢	1	
Status	WPS	Network	Profile	Advanced	
 Push the Enter the Enter the 	oose a method to e button on my ac e PIN of my acce	ion will guide you th join a wireless netw ccess point or wirele ss point or wireless re into my access p	rork: ess router. router.	g your wireless networ	K.
					Connect

- 2. Log in to the Web Management page of your router or AP. Go to the WPS page, enter the PIN of the adapter in the corresponding field and click Connect.
- 3. The following screen indicates a successful connection by WPS. Click OK.



3.3. Management

TP-LINK Utility provides you with an easy way to manage your adapter. It includes the following sections:

Status - View the information of the current Wi-Fi network connection and of the adapter.

Profile - Save or manage various connection settings of your Wi-Fi network.

Advanced - Turn on or off the SoftAP mode and power saving mode, switch between TP-LINK Utility and Windows Wireless Utility (for Windows XP only).

SoftAP - Configure the settings of the network shared by your adapter, and view the IP address of your adapter when it works on SoftAP mode.

About – View your adapter's Utility version and its Driver version.

Open TP-LINK Utility sand click the Status, Profile or Advanced tab to manage the corresponding section of your adapter.

3.3.1. Status

You can view the IP address and MAC address of the adapter, the signal strength of the Wi-Fi network, and other information of the network status as shown in the following figure.

	WPS		6	2. Carlos 199
Status	WPS	Network	Profile	Advanced
Profile Name:	Т	P-LINK_Network		
Network Name(S	SSID): T	P-LINK_Network		
Network Type:	h	nfrastructure	Rate:	150Mbps
Channel:	1	1 (2.4G)	Encrypti	on Type: AES
AP MAC:	0	0-55-46-50-02-01	Wireless	Mode: 802.11n
IP Address:	1	92.168.0.101		
Signal Strength:	6			100% Exceller

3.3.2. Profile

The Profile screen lets you save and manage different Wi-Fi connection settings as profiles so that you can quickly and simply connect to your network. Moreover, you can join a hidden Wi-Fi network that does not broadcast its SSID by adding a profile, provided that you know its wireless settings, such as SSID, security type, and encryption type. For more details, please refer to the instructions below: To add a new profile, To join a Wi-Fi network, and To manage an existing profile.

Status	WPS	Network	Profile	Advanced	
			710110	Advanced	
Profile Name	SSID		Network Type	Security	Connected
TP-LINK_Network	TP-LINK	_Network	Infrastructure	WPA-PSK/WPA	Yes
Home	TP-LINK	<_Network_5G	Infrastructure	WPA-PSK/WPA	No
		Add	Modify	Remove	Connect

- To add a new profile
- 1. Click the Add button, and then a new window will open.
- 2. Complete the settings as shown in the following figure, and click Save.

Profile Name:	Home	
SSID:	TP-LINK_Network_5G	~
Network Type:	 Infrastructure) ad hoc
Security Type:	WPA-PSK/WPA2-PSK	~
Encryption Type:	TKIP/AES	~
Security Key:	******	Show characters
Start this connec	tion automatically.	
		Save Cancel

Profile Name: Enter a name for your profile, such as Home, Office, Coffee house. Do not enter the profile name that already exists.

SSID: Select your Wi-Fi network from the drop-down list or enter your Wi-Fi network name manually.

Network Type: Select Infrastructure if you want to connect to a wireless router or an access point. Select ad hoc if you want to connect to another wireless client, such as an adapter.

Infrastructure:

If you select Infrastructure, you are asked to select or enter the corresponding wireless settings, which should be the same as those of your Wi-Fi network.

ad hoc:

If you select ad hoc, you are asked to configure the wireless settings for your network, including choosing the operating frequency band, the security type, the encryption type and setting a security key.

Profile Name:	Home 2		
SSID:	TP-LINK_0201	~	
Network Type:	○ Infrastructure	ad hoc	
Band:	2.4Ghz	~	
Security Type:	WEP	¥	
Encryption Type:	Open	¥	
Key Index:	1 ~	ASCII_64 ∨	
Security Key:	****		Show characters
Start this connec	tion automatically.		
		S	Save Cancel

Note:

As for Key Index, you can select ASCII or Hexadecimal format from the drop-down list. ASCII_64 - Please enter 5 ASCII characters.

ASCII_128 - Please enter 13 ASCII characters.

Hexadecimal_64 - Please enter 10 Hexadecimal digits (any combination of 0-9, a-f, A-F, excluded space). Hexadecimal_128 - Please enter 26 Hexadecimal digits (any combination of 0-9, a-f, A-F, excluded space).

• To join a Wi-Fi network

If you want to join a Wi-Fi network that listed in the profile screen, select the profile and click Connect in the bottom right corner.

• To manage an existing profile

If you want to change the name or the wireless settings of an existing profile, select it and click Modify of the Profile screen, then you can edit the settings of this profile. If you want to delete a profile that you no longer use, select it and click Remove.

3.3.3. Advanced

TP-LIN The Reliable Choice	К				- x
			<u>.</u>		
Status	WPS	Network	Profile	Advanced	
⊚ Use TF Wireless n Please cl	P-LINK Wireless C etwork adapter sv hoose a wireless de			ws wireless configur	ation tool

Select wireless configuration tool: In Windows XP, you can either use TP-LINK Utility or Windows wireless configuration tool. While in other operating systems, since you can use both TP-LINK Utility and Windows wireless configuration tool at the same time, this function is disabled.

Wireless network adapter switch: If you've installed several adapters in your computer, you can switch to another adapter among the drop-down list.

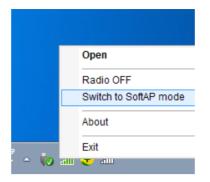
SoftAP mode: Once ON is selected, the adapter will work as an AP.

Power Save mode: Once ON is selected, the adapter will automatically reduce its power consumption when not being used.

3.3.4. SoftAP

SoftAP is short for Software enabled Access Point. When the adapter works in SoftAP mode, it allows the computer to create a wireless hotspot that other wireless devices nearby can use.

To switch to SoftAP mode, right-click the utility icon III on the task bar and select Switch to SoftAP mode.



After switching to SoftAP mode, the SoftAP icon appears in the utility. Click the SoftAP tab, and complete the settings, then click Apply for the settings to take effect.

TP-LIN	к					- x
	wps		<u>,</u>			
Status	WPS	Network	Profile	A	dvanced	Soft AP
SoftAP mo	de:	ON	OFF			
Internet Co	nnecting Share(ICS):	Local Area	a Connection	•		
SSID:		SoftAP				
Security Ty	pe:	WPA2-PS	K	•		
Encryption	Туре:	AES		•		
Security Ke	ey:	12345678			Show cł	naracters
IP Address	:	192.168.1	37.1			
						Apply

Soft AP mode: Select ON or OFF to enable or disable this function.

Internet Connecting Share(ICS): Select a network connection that can access to the Internet from the drop-down list. For example, if your computer is connecting to the Internet via an Ethernet cable, you should select the corresponding Local Area Connection so as to share the network with other wireless devices.

SSID: Set a name for the wireless network shared by your adapter. The default is SoftAP.

Security Type: The security type here is set to be WPA2-PSK which is based on 802.11i and uses AES (Advanced Encryption Standard).

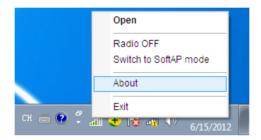
Encryption Type: The encryption type here is set to be AES.

Security Key: Set a security key for the wireless network that shared by your adapter. It is recommended that you specify another key instead of the default key 12345678.

When another wireless device connects to the network shared by your adapter, it will be asked to enter the corresponding security key.

IP Address: Displays the IP address of the adapter when it works in SoftAP mode. You can also check if the network shared by your adapter is working properly by checking this IP Address. For example, if the IP Address is 0.0.0.0, it means that the Internet connection is failed.

3.3.5. About



3.4. Uninstall Driver and Utility

The software uninstallation steps vary a bit in different systems, please follow the appropriate instructions for your Windows operating system: *Windows 8/8.1/10*, *Windows XP/7*.

```
• Windows 8/8.1/10
```

Uninstall driver:

Go to Start > Apps, find the TP-LINK application. Click Uninstall - TP-LINK Archer T2U_ T2UH Driver, then follow the on-screen instructions to complete the uninstallation.

Uninstall utility:

Go to Start > Apps, and find the TP-LINK application. Click Uninstall - TP-LINK Wireless Configuration Utility, then follow the on-screen instructions to complete the uninstallation.

• Windows XP/7

Uninstall driver:

Go to Start > All Programs > TP-LINK > Uninstall - TP-LINK Archer T2U_T2UH Driver. Follow the on-screen instructions to complete the uninstallation.

Uninstall utility:

Go to Start > All Programs > TP-LINK > Uninstall - TP-LINK Wireless Configuration Utility. Follow the on-screen instructions to complete the uninstallation.

Chapter 4

Mac OS X

This chapter introduces how to install your adapter's driver and utility, use your adapter to join a wireless network, manage your adapter, and uninstall your adapter in Mac OS X.

This chapter includes the following sections:

- Install Driver and Utility
- Join a Wireless Network
- Management
- Uninstall Driver and Utility

4.1. Install Driver and Utility

We take the steps in Mac OS X 10.10 as an example - the steps may vary slightly for other versions of Mac OS.

1. Insert the CD and run it manually. Open the Archer T2U_T2UH folder.

		exec	exec
Archer T2U_T2UH	Autorun.exe	autorun.inf	config.ini
exec			TXT
configwin7.ini	GdiPlus.dll	image	Readme.txt
Release.txt			

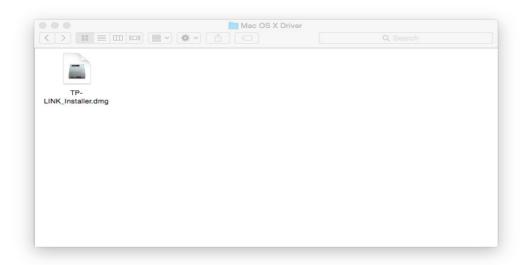
Note:

The CD is included in the package. If your CD does not work or your computer doesn't support the CD, you can also download the driver and utility from the TP-LINK website (*http://www.tp-link.com*).

2. Open the Mac OS X Driver folder.

		Archer T2U_T2		Q Search	
Archer T2U User Guide.pdf	Archer T2UH User Guide.pdf	Linux Driver	Mac OS X Driver	Setup.exe	
Utility					

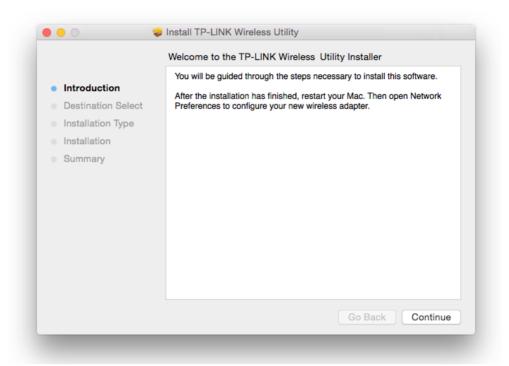
3. Double click the TP-LINK_Installer.dmg file to open the TP-LINK_Installer.



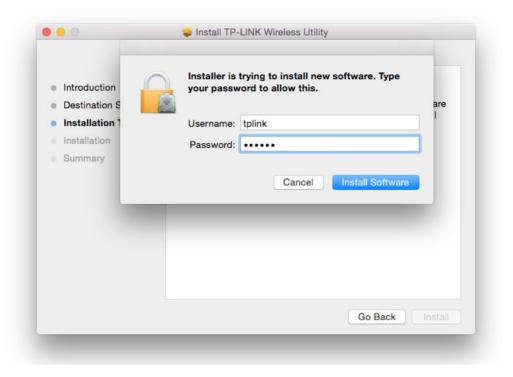
4. Double click the Installer.pkg file to open the installation wizard.

•••	TP-LINK_Installer
	Setter Setter Setter
Installer.pkg	uninstall.command

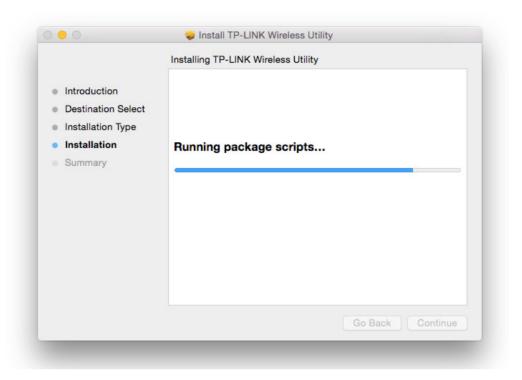
5. The Install TP-LINK Wireless Utility Wizard window will appear. Click Continue and follow the wizard to continue the installation.

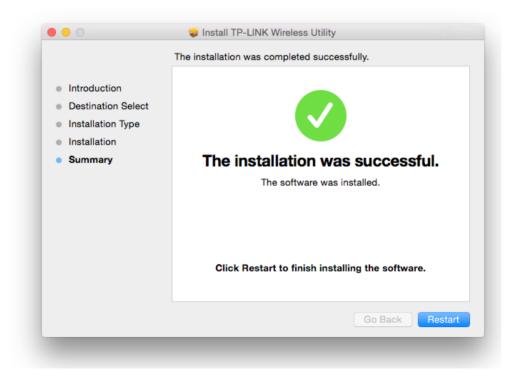


 Introduction Destination Select Installation Type Installation 	Install TP-LINK Wireless Utility Standard Install on "Macintosh HD" This will take 19.8 MB of space on your computer. Click Install to perform a standard installation of this software for all users of this computer. All users of this computer will be able to use this software.
Summary	
	Go Back Install



	When this software finishes installing, you must restart your computer. Are you sure	
	you want to install the software now?	software
Destinatio	Cancel Continue Installation	uter will
Installatic		
Installation		
	Go Bac	k Install





6. After restarting the computer, the TP-LINK Utility icon will appear on the menu bar in the upper-right corner of the screen. To use the utility to join a Wi-Fi network with your adapter, refer to *Join a Wireless Network*.

Note:

If the TP-LINK Utility icon does not appear on the menu bar, make sure the USB wireless network adapter is connected properly and its LED is on.

4.2. Join a Wireless Network

There are two options of using the adapter to join a Wi-Fi network.

Option 1: TP-LINK Utility

TP-LINK Utility lets you easily connect the adapter to a Wi-Fi network and manage the adapter.

Option 2: WPS (Wi-Fi Protected Setup)

WPS (Wi-Fi Protected Setup) is a network security standard for easily adding computers and other devices to a home network. Use this method if your wireless router or access point supports WPS.

4.2.1. TP-LINK Utility

1. Open TP-LINK Utility and select Site Survey tab. Then select the network you want to join from the list and click CONNECT.

Profile	Link Status Sit	e Survey	Stat	istics W	PS A	pout
		AP Lis	t			-
SSID	BSSID	Signal	Channel	Authe	Encr	Network Type
TP-LINK_Netwo	00-25-86-12-34-66	100	4	WPA2-PS	AES	Infrastructure
1P-LINE, 1087	PC-07-35-AB-00-0			1010.70	AES	infrastructure
cacript-aiert() -	80-84-53-20.	18		1074.75	TRIPLA	infrastructure
TP-L/MK_Rose	03-04-65-13-75-00	-		Open	NONE	Infrastructure
OMOG	40-74-25-05-74-21	10		10742	ALL	infrastructure.
1P-LINK, 00000	08-10-40-00-00-00			10742-71	ALL	infrastructure
1414.000	FC-07-35-48-07-68			Open	NONE	infrastructure
TP-L/NK, Extend	00-10-07-08-03-08	-		Open	NONE	Infrastructure
OMCC-WEB	8-16-25-05-16-23			Open	NONE	infrastructure
Disconnected!!			RESCA	N CC	ONNECT	ADD PROFILE

2. The Authentication\Encryption screen displays. If your network uses wireless security, you will be prompted to enter the Wi-Fi password of the network. Then click OK.

	Authentication Type	WPA2-PSK		<u> </u>
	Encryption Type	AES	<u> </u>	
	WPA Pre-Shared Key			
WEP SETTING	3			
● Key #	Hexadecimal	~		
◯ Key #	2 Hexadecimal	~		
◯ Key #	B Hexadecimal	~		
◯ Key #4	4 Hexadecimal	~		
		OK CANCEL		
connected <> T	P-LINK_Network	RESCAN	CONNECT	ADD PROFILE

3. After successfully connecting to your network, you will see a symbol [™] in front of your network's SSID, which indicates a successful connection.

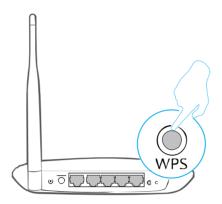
			AP Lis	st			-
\sim	SSID	BSSID	Signal	Channel	Authe	Encr	Network Type
$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	TP-LINK_Networ	00-25-86-12-34-66	100	4	WPA2-PS	AES	Infrastructure
\sim	TP-LINK, TEST	FC-07-35-AB-00-0K			1074.75	ACT	infrastructure
	-montploader(), -	80-81-51-08-53-00	18		1014.015	TRIP-A	Infrastructure
	1P-LINK, Rose	00-04-03-13-78-00			Open	NONE	infrastructure
	OMOG	40-79-22-03-79-21			10742	405	infrastructure
	TP-LINK, 000008	08-10-40-08-00-00			10742-01	405	infrastructure
	1404.000	FC-07-03-AB-07-68			Open	NONE	infrastructure
	1P-L/MR, Externel	0.0.740.0.0	-		Open	NONE	infrastructure
	OMCC-WEB	80-76-25-00-76-20		1	Open	NONE	infrastructure
Conne	ected <> TP-LIN	K Network		RESCA	N CO	ONNECT	ADD PROFILE

4. 2. 2. WPS (Wi-Fi Protected Setup)

WPS can be activated via PBC (Push Button Configuration) and PIN code. Please refer to *PBC* or *PIN* below.

• PBC

1. Press the WPS/QSS button on your router or AP.



2. Within 2 minutes, open TP-LINK Utility and click WPS tab. Click PBC.

	Profile	Link Status	Site Survey	Statistics	WPS	About
	Profile	Link Status	Site Survey	Statistics	WPS	About
		WPS AP	List			
ID	SSID	BSSID	Channel	Authentication	Encryption	Rescan
0x0004	TP-LINK_Netv	00-25-86-12-34	- 5	WPA2-PSK	AES	Information
	TP-LINK_Rose	00-0A-EB-13-7	3 1	Open	NONE	Pin Code
						43004485
						Renew
						_ Config Mode
						Enrollee
		WPS Profil	e List		-	Profile Detail
Pro	ofile	SSID	Authentica	tion En	cryption	Connect
						Rotate
						Disconnect
						Export Profile
						Delete
PIN	WPS associa				0%	
PBC	WPS probe I					
	Automaticali	y select the AP				

3. The following screen indicates a successful connection by WPS.

		Pro	file	Link Status S	Site Survey	Statist	tics	WPS	About	
		110	ine i	Link Otatus	Jite Guivey	otation	105		Abou	
				WPS AP I	List					
ID		SSI	>	BSSID	Channel	Authenticat	tion E	ncryption		Rescan
0x0004 TP-		TP-LINK	_Netv	00-25-86-12-34	- 5	WPA2-PS	SK	AES		Information
		TP-LINK	Rose	00-0A-EB-13-7E	9 1	Open		NONE		Pin Code
										43004485
										Renew
										Config Mode
										Enrollee
				WPS Profile	e List					Profile Detail
	Pro	ofile		SSID	Authentica	tion	Encry	ption		Connect
	Prof	file0	TP-L	NK_Network	WPA2-PS	SK	AES			Rotate
										Disconnect
										Export Profile
										Delete
PIN		-	associa					100	0%	Boloco
PBC		VPS			PBC	- Get WPS (profile s	uccessfull	y .	
		Auton	naticall	y select the AP						

- PIN
- 1. Open TP-LINK Utility and click WPS tab. Mark down the PIN displayed on the screen. Select the network you want to join from the WPS AP List and click PIN.

		Prof	ne	Link Status	Site Surve	y s	statistics	WPS	About	
	-			WPS AP	List					
ID		SSID)	BSSID	Channel	Auth	entication	Encryption		Rescan
0x0004	TP	-LINK	_Netv	00-25-86-12-34	- 5	WP.	A2-PSK	AES		Information
	TP	-LINK	Rose	00-0A-EB-13-78	3 1	(Open	NONE		Pin Code
										08033031
										Renew
										Config Mode
									[Enrollee
				WPS Profil	e List			-		Profile Detail
	Profile			SSID	Authentication Encr		cryption		Connect	
										Rotate
										Disconnect
										Export Profile
PIN		WPS a		ata IE						Delete
	_	WPS					00 5	0% ocess failed	•	
PBC				v select the AP		PIIN - W	res cap pr	ocess ralled		
		Auton	atroan	y select the Ar						

2. Within 2 minutes, log in to the Web Management page of your router or AP. Go to its WPS page, enter the PIN of the adapter in the corresponding field and click Connect.

3. The following screen indicates a successful connection by WPS.

		Profile	Link Status	Site Survey	Statistics	WPS	About	
					oranonoo			
			WPS AF	List				
ID		SSID	BSSID	Channel	Authentication	Encryption	Res	can
0x0004	TP-L	INK_Netv	00-25-86-12-3	4- 5	WPA2-PSK	AES	Inform	nation
	TP-L	INK_Rose	00-0A-EB-13-7	'B 1	Open	NONE	Pin Code	в
							4300448	
							Ren	new
							Config M	lode
							Enrollee	e 🗸
			WPS Prof	ile List		-	Profile	Detail
	Profile		SSID	Authentica		cryption	Conr	nect
V Profile0 TP-LI		NK_Network	WPA2-PS	WPA2-PSK		Rot	ate	
							Discor	nnect
							Export	Profile
	_						Del	ete
PIN		VPS associa				100		
PBC	_	VPS probe I		PBC	- Get WPS profi	le successful	γ.	
		utomaticall	y select the AP					

4.3. Management

TP-LINK Utility provides you with an easy way to manage various connection settings of your Wi-Fi network. It includes the following sections:

Link Status - View the information of the current Wi-Fi network connection and of the adapter.

Profile - Save or manage various Wi-Fi network connection settings.

About - View the utility version and the driver version of your adapter.

Open TP-LINK Utility and click the Link Status or Profile tab to manage the corresponding section of your adapter.

4.3.1. Link Status

You can view the current channel, the link quality and signal strength of the Wi-Fi network, and other information of the link status as shown in the following figure.

	Profile	Link Chature	Site S		Statisti		WPS	Abo	
	Profile	Link Status	Site S	irvey	Statisti	cs	WPS	ADC	Jut
▶ Status		TP-LIN	K Network	'k <>	00-25-86	-12-	34-66		
▶ Current Cha	nnel				ral Chann				
Link Speed	(Mbps)		тх	72.0		1		RX	2.0
▶ Throughput			Тх	1.0					98.0
Link Quality		Good 100	%			_			dBm format
 Signal Strength 1 		Good 100	%						
 Signal Stren 	igtn 1	_							

4.3.2. Profile

The Profile screen let you save and manage different Wi-Fi network connection settings as profiles so that you can quickly and simply connect to your network. Moreover, you can join a hidden Wi-Fi network that does not broadcast its SSID by adding a profile, provided that you know its wireless settings, such as SSID, security type, and encryption type. For details, please refer to the instructions below: To add a new profile, To join a Wi-Fi network, and To manage an existing profile.

Profile SSID Channel Authentication Encryption Network Type Home TP-LINK_Network_5G Auto WPA2-PSK AES Infrastructure TP-LINK_Network Auto WPA2-PSK AES Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure Infrastructure	Pr	ofile	Link Status	Sit	e Survey	Statistics	WPS	About	
Profile SSID Channel Authentication Encryption Network Type Home TP-LINK_Network_5G Auto WPA2-PSK AES Infrastructure					-				
Home TP-LINK_Network_5G Auto WPA2-PSK AES Infrastructure					- Profile Lis	t			
	Profile		SSID		Channel	Authentication	Encrypti	on Network	Туре
TP-LINK_Ne TP-LINK_Network Auto WPA2-PSK AES Infrastructure Image: Image	Home	TP-I	LINK_Network_	5G	Auto	WPA2-PSK	AES	Infrastru	cture
Image: second	TP-LINK_N	e TF	P-LINK_Networ	k	Auto	WPA2-PSK	AES	Infrastru	cture
Image: section of the section of th									
Image: Constraint of the sector of									
Image:									
Image: second									
Image: state stat									
Image: state stat									
Image:									
Image: second									

• To add a new profile

- 1. Click the ADD button, and then a new window will pop up.
- 2. Complete the settings as shown in the following figure, and click OK.

	Wireless Ut	llity	
Profile Name Home		SSI	D TP-LINK_Network_
Syste	m Configuration Auth	entication & Security	
Power Saving Mode			
CAM (Constan)	tly Awake Mode)	O Power Saving Mo	ode
		Tx Powe	r 100 💙
RTS Threshold	0		2347
Fragment Threshold	256		2346 2346
	ок	CANCEL	
	/	ADD EDIT	DELETE ACTIVATE

Profile Name	Home			SSID T	P-LINK_Network_
	System Configur	ation	Authentication & Se	curity	
A	uthentication Type	WPA2	P-PSK		<u>~</u>
	Encryption Type	AES			-
WF	A Pre-Shared Key				
WEP SETTING					
• Key #1	Hexadecimal ~				
◯ Key #2	Hexadecimal ~				
◯ Key #3	Hexadecimal ~				
◯ Key #4	Hexadecimal ~				
		ОК	CANCEL		
			ADD ED	IT DI	ELETE ACTIVATI

Profile Name - Enter a name for your profile, such as Home, Office, Coffee house. Do not enter the profile name that already exists.

SSID - Enter the name of your Wi-Fi network.

System Configuration:

Select CAM (Constantly Awake Mode) or Power Saving Mode depending on your preference. In Power Saving Mode, the adapter will automatically reduce its power consumption when not being used.

You can specify the Tx Power level to adjust the transmit power of the adapter. A lower level will reduce performance, but it decreases interference in the local network environment.

Note:

It is recommended to keep the default values for the settings of **RTS Threshold** and **Fragment Threshold**. Advanced users can make adjustments if necessary.

Authentication & Security:

Select or enter the corresponding wireless settings, including Authentication Type, Encryption Type and WPA Pre-Shared Key, which should be the same as those of your Wi-Fi network.

• To join a Wi-Fi network

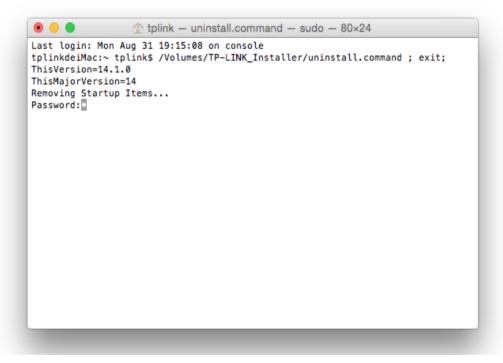
If you want to join a Wi-Fi network that listed in the profile screen, select the profile and click the ACTIVATE button in the bottom corner.

• To manage an existing profile

If you want to change the name or the wireless settings of an existing profile, select it and click the EDIT button in the profile screen, and then you can edit the settings of this profile. If you want to delete a profile that you no longer use, select it and click the DELETE button.

4.4. Uninstall Driver and Utility

- 1. Insert the CD and run it manually.
- 2. Go to Archer T2U_T2UH > Mac OS X Driver > TP-LINK_Installer.dmg > Uninstall. command.



- **3.** A command window will pop up, please type the password of the root user to uninstall the software.
- 4. Wait till the "Process completed" shows up, then restart your computer to finish the uninstallation.

● ● ●
Uninstall Complete. "Please Restart to Finish Uninstallation" logout [Process complete]

Chapter 5

Linux

Visit the TP-LINK's website at *http://www.tp-link.com*, and go to Archer T2U's product page. Then find the compatible version of driver in the support page. Download and install the driver on your computer.

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FCC STATEMENT

FC

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 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 off 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.

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.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment has been SAR-evaluated for use in hand. SAR measurements are based on a 5mm spacing from the body and that compliance is achieved at that distance.

CE Mark Warning

RF Exposure Information

This device meets the EU requirements (1999/5/EC Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

This device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2. SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Carry this device at least 0.5 cm away from your body to ensure exposure levels remain at or below the as-tested levels.

Restricted to indoor use.

Canadian Compliance Statement

This device complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

- 1) This device may not cause interference, and
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution:

- 1) The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- 2) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
- 3) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

The high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz, 5470-5600MHz, and 5650-5725MHz.

Avertissement:

- 1) Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- 2) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limitation P.I.R.E.;
- 3) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E spécifiée pour l'exploitation point à point et non point à point, selon le cas.

En outre, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice

注意!

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均 不得擅自變更頻率、加大功率或變更原設計之特性或功能。 第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通行; 經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。前項合法通信,指依 電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫 療用電波輻射性電機設備之干擾。

於5.25GHz至5.35GHz區域內操作之無線設備的警告聲明

工作頻率5.250~5.350GHz該頻段限於室內使用。

BSMI Notice

安全諮詢及注意事項

- •請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清 潔。
- •注意防潮,請勿將水或其他液體潑灑到本產品上。
- •插槽與開口供通風使用,以確保本產品的操作可靠並防止過熱,請勿堵塞或覆蓋開口。
- •請勿將本產品置放於靠近熱源的地方。除非有正常的通風,否則不可放在密閉 位置中。
- •請不要私自打開機殼,不要嘗試自行維修本產品,請由授權的專業人士進行此 項工作。

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

EHE

Safety Information

- When product has power button, the power button is one of the way to shut off the product; when there is no power button, the only way to completely shut off power is to disconnect the product or the power adapter from the power source.
- Don't disassemble the product, or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, please contact us.
- Avoid water and wet locations.

For EU/EFTA, this product can be used in the following countries:

[AT	BE	BG	CH	CY	CZ	DE	DK
	EE	ES	FI	FR	GB	GR	HR	HU

IE	IS	IT	LI	LT	LU	LV	MT
NL	NO	PL	PT	RO	SE	SI	SK

Explanation of the symbols on the product label

Symbol	Explanation
	DC voltage
	RECYCLING
	This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
	User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.