



# RT-AC51U Dual Band 802.11ac Fast Ethernet Router



## Quick Start Guide

**NOTE:** For more details on the features of the wireless router, please refer to the user manual included in the Utility CD.

### ASUS Recycling/Takeback Services

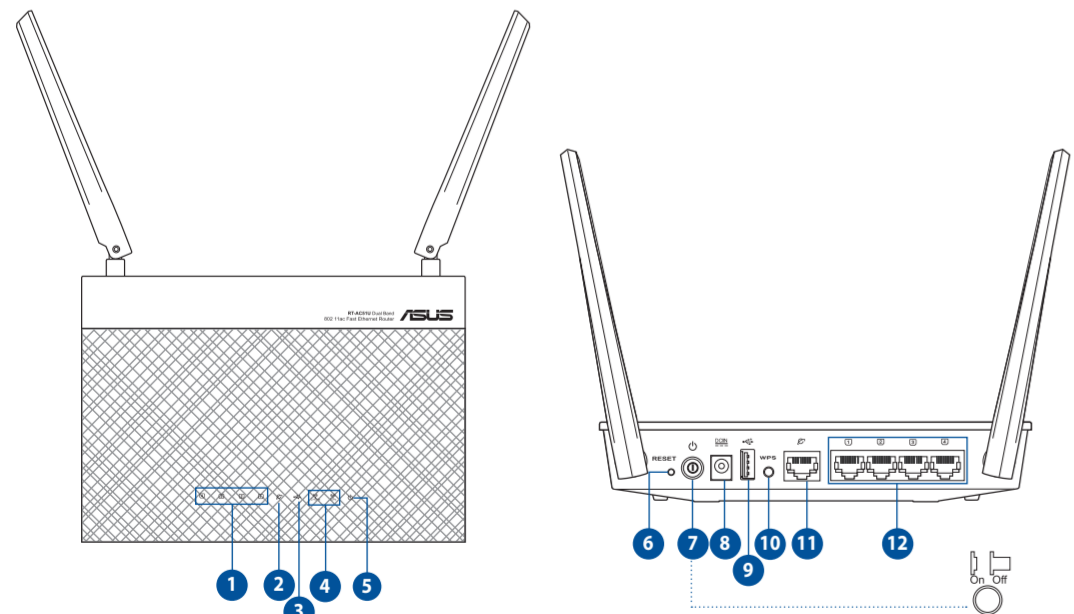
ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for the detailed recycling information in different regions.

## Package Contents

- RT-AC51U Wireless Router
- AC adapter
- Network cable (RJ-45)
- Quick Start Guide
- Support CD (User Manual/utilities)
- Warranty card

**NOTE:** If any of the items is damaged or missing, please contact your retailer.

## A quick look at your RT-AC51U



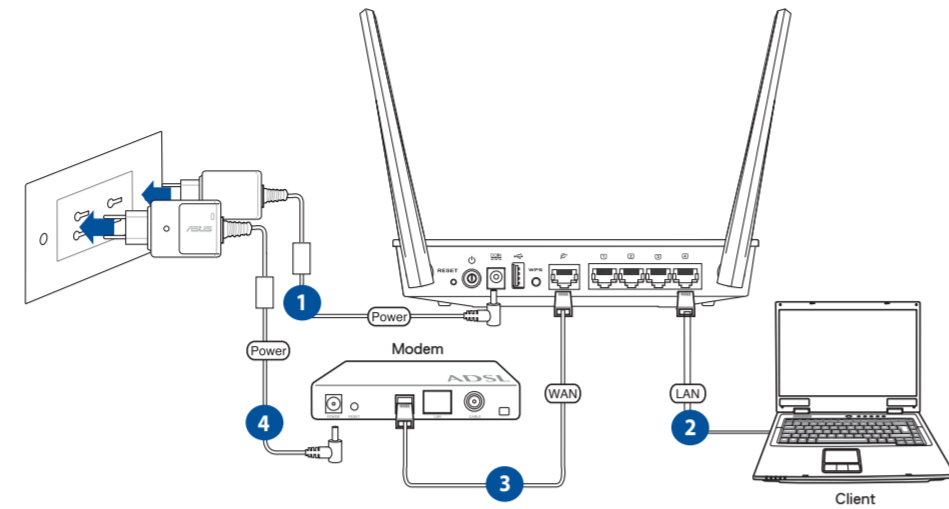
1) LAN 1~4 LED	5) Power LED	9) USB port
2) WAN (Internet) LED	6) Reset button	10) WPS button
3) USB LED	7) Power switch	11) WAN (Internet) port
4) 2.4GHz / 5GHz LED	8) Power (DC-IN) port	12) LAN 1~4 ports

**CAUTION!** DO NOT throw this product in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.



# Setting up a Home Network - Router Mode

## 1. Connect your devices.

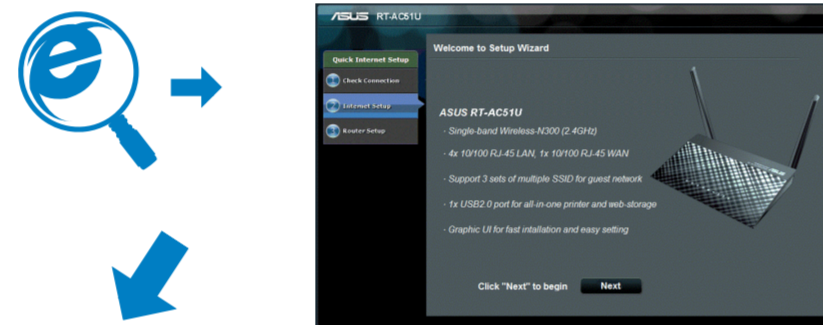


1. Insert your wireless router's AC adapter to the DC-IN port and plug it to a power outlet.
2. Using the bundled network cable, connect your computer to your wireless router's LAN port.
3. Using another network cable, connect your modem to your wireless router's WAN port.
4. Insert your modem's AC adapter to the the DC-IN port and plug it to a power outlet.

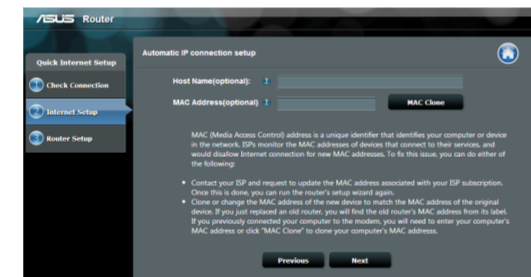
**IMPORTANT!** Ensure that the WAN and LAN LEDs are blinking.

**NOTE:** Before you proceed, disconnect the wires/cables from your existing modem setup. After two minutes, reconnect the wires/cables.

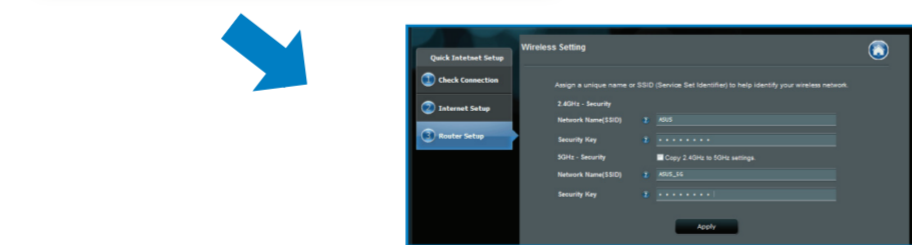
## 2. Launch the web browser and follow the Quick Internet Setup (QIS) steps.



for Automatic IP (DHCP)



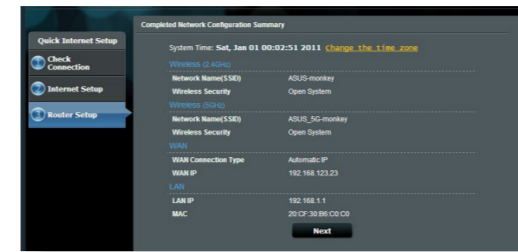
for PPPoE, PPTP, and L2TP



1. If the QIS web page does not appear after launching the web browser, disable the proxy settings on the web browser.
2. If QIS does not launch automatically, follow these steps to manually launch QIS:
  - On your web browser, key in <http://192.168.1.1> or <http://router.asus.com>. Use the default username **admin** and password **admin** to log into the user interface.
  - Click **Quick Internet Setup** on the left panel on the **Network Map** page.
  - The auto-detection of your ISP connection type takes place when you configure the wireless router for the first time or when your wireless router is reset to its default settings.

**IMPORTANT!** Obtain the necessary information from your ISP about the Internet connection type.

## 3. Setup complete.



- Français**
1. Connectez les périphériques.
  2. Lancez votre navigateur Web puis suivez les étapes du gestionnaire de configuration rapide d'Internet en ligne (QIS).
  3. La configuration est terminée.
- Deutsch**
1. Schließen Sie Ihre Geräte an.
  2. Starten sie einen Web-Browser und folgen sie den Internet-Schnelleinstellungsschritten (QIS).
  3. Die Einrichtung ist fertig.
- Italiano**
1. Collegare le periferiche.
  2. Avviare il browser web e seguire la procedura QIS (Quick Internet Setup).
  3. La configurazione è stata completata.
- Português do Brasil**
1. Conecte seus dispositivos.
  2. Lance o navegador da web e siga os passos do Quick Internet Setup (QIS).
  3. A instalação foi concluída.
- Русский**
1. Подключите ваши устройства.
  2. Запустите браузер и следуйте инструкциям быстрого подключения к Интернету (QIS).
  3. Установка завершена.
- Български**
1. Свържете устройствата.
  2. Стартирайте уеб браузера и следвайте стъпките в Quick Internet Setup (QIS) (Бързи интернет настройки).
  3. Конфигурирането приключи.
- Česky**
1. Připojte zařízení.
  2. Spusťte webový prohlížeč a postupujte podle kroků Rychlého nastavení Internetu (QIS).
  3. Instalace je dokončena.
- Nederlands**
1. Sluit uw apparaten aan.
  2. Start de webbrowser en volg de QIS-stappen (Quick Internet Setup (snelle internetinstelling)).
  3. De instelling is voltooid.
- Suomi**
1. Kytke laitteet.
  2. Käynnistä verkkoselain ja noudata QIS-asennuksen vaiheita.
  3. Asennus on valmis.
- Magyar**
1. Csatlakoztassa az eszközöket.
  2. Indítsa el a webböngészőt, és kövesse a gyors internetes beállítás (QIS) lépéseit.
  3. A beállítás befejeződött.
- Latviski**
1. Savienojiet savas ierices.
  2. Palaidiet tīmekļa pārlūku un izpildiet Quick Internet Setup (Ātrās interneta palaišanas) (QIS) soļus.
  3. Iestāšana ir pabeigta.
- Bahasa Malaysia**
1. Sambungkan peranti anda.
  2. Lancarkan penyemak imbas web dan ikut langkah-langkah Persediaan Internet Pantas (QIS).
  3. Persediaan selesai.
- Polski**
1. Podłącz swoje urządzenia.
  2. Uruchom przeglądarkę internetową i postępuj zgodnie z poleceniami Szybkiej konfiguracji Internetu (QIS).
  3. Konfiguracja została zakończona.
- Română**
1. Conectați dispozitivele dvs.
  2. Lansați browser-ul web și urmați pașii de Conectare Rapidă la Internet (QIS).
  3. Conectarea este finalizată.
- Español**
1. Conecte sus dispositivos.
  2. Abra su explorador web y siga los pasos indicados por la función Quick Internet Setup rápida de Internet.
  3. Ha finalizado la configuración.
- ไทย**
1. เชื่อมต่ออุปกรณ์ของคุณ
  2. เปิดเว็บเบราว์เซอร์ และทำตามขั้นตอน การตั้งค่าอินเทอร์เน็ตที่รวดเร็ว (QIS).
  3. การตั้งค่าเสร็จสมบูรณ์
- Українська**
1. Підключіть пристрої.
  2. Запустіть браузер і дотримуйтесь інструкцій для Швидкого з'єднання з мережею Інтернет (QIS).
  3. Налаштування завершено.
- 简体中文**
1. 連接裝置。
  2. 開啟網頁瀏覽器並按照快速網際網路設定 (QIS) 的步驟操作。
  3. 設定完成。

# Using AiCloud

## 2. Connect your smart device to your network. Follow the instructions to complete the AiCloud setup process.



## Using AiCloud

1. From Google Play Store or Apple Store, download and install the ASUS AiCloud app to your smart device.



## Frequently Asked Questions (FAQs)

### The client cannot establish a wireless connection with the router.

#### Out of Range:

- Put the router closer to the wireless client.
- Try to change the channel settings.

#### Authentication:

- Use wired connection to connect to the router.
- Check the wireless security settings.
- Press the Reset button at the rear panel for more than five seconds.

#### Cannot find the router:

- Press the Reset button at the rear panel for more than five seconds.
- Check the setting in the wireless adapter such as SSID and encryption settings.

#### Cannot access the Internet via wireless LAN adapter.

- Move the router closer to the wireless client.
- Check whether the wireless adapter is connected to the correct wireless router.
- Check whether the wireless channel in use conforms to the channels available in your country/area.
- Check the encryption settings.
- Check if the ADSL or Cable connection is correct.
- Retry using another Ethernet cable.

#### If the ADSL “LINK” light blinks continuously or stays off, Internet access is not possible - the Router is unable to establish a connection with the ADSL network.

- Ensure that all your cables are all properly connected .
- Disconnect the power cord from the ADSL or cable modem, wait a few minutes, then reconnect the cord.
- If the ADSL light continues to blink or stays OFF, contact your ADSL service provider.

#### Network name or encryption keys are forgotten.

- Try setting up the wired connection and configuring the wireless encryption again.
- Press the Reset button of the wireless router for more than five seconds.
- Factory default settings:

User name / Password:	IP address:	SSID:
admin / admin	192.168.1.1	ASUS

#### Where can I find more information about the wireless router?

- User Manual in the support CD
- Online FAQ site: <http://support.asus.com/faq>
- Technical Support site: <http://support.asus.com>
- Customer Hotline: Refer to the Support Hotline in this Quick Start Guide

## Notices

### REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>.

### Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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.



### Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### Safety Information

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna.

### Declaration of Conformity for R&TTE directive 1999/5/EC

Essential requirements – Article 3

Protection requirements for health and safety – Article 3.1a

Testing for electric safety according to EN 60950-1 has been conducted. These are considered relevant and sufficient.

Protection requirements for electromagnetic compatibility – Article 3.1b

Testing for electromagnetic compatibility according to EN 301 489-1 and EN 301 489-17 has been conducted. These are considered relevant and sufficient.

Effective use of the radio spectrum – Article 3.2

Testing for radio test suites according to EN 300 328- 2 has been conducted. These are considered relevant and sufficient.

### CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Operation Channels: Ch1~11 for N. America, Ch1~14 Japan, Ch1~13 Europe (ETS)


### NCC Warning

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及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；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，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

 電子信息產品污染控制標示：圖中之數字為產品之環保使用期限。係指電子信息產品中含有的有毒有害物質或元素不致發生外洩或突變從而對環境造成污染或對人身、財產造成嚴重損害的期限。

部件名稱	有害物質或元素					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr(VI))	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及其電子組件	X	○	○	○	○	○
外殼	X	○	○	○	○	○
電源調整器	X	○	○	○	○	○
外部信號線及線材	X	○	○	○	○	○
中央處理器與內存	X	○	○	○	○	○

○：表示該有毒有害物質在該部件所有均質材料中的含量均在 S/JT 11363-2006 標準規定的限量要求以下。  
X：表示該有毒有害物質至少在該部件的某一均質材料中的含量超出 S/JT 11363-2006 標準規定的限量要求，然該部件仍符合歐盟指令 2002/95/EC 的規範。

備註：此產品所標示之環保使用期限，係指在一般正常使用狀況下。

# Networks Global Hotline Infomation

Region	Country	Hotline Number	Service Hours
Europe	Cyprus	800-92491	09:00-13:00 ; 14:00-18:00 Mon-Fri
	France	0033-170949400 0049-1805010920 0049-1805010923	09:00-18:00 Mon-Fri 10:00-17:00 Mon-Fri
	Germany	( component support ) 0049-2102959911 ( Fax )	09:00-17:30 Mon-Fri
	Hungary	0036-15054561	09:00-17:30 Mon-Fri
	Italy	199-400089	09:00-13:00 ; 14:00-18:00 Mon-Fri
	Greece	00800-44142044	09:00-13:00 ; 14:00-18:00 Mon-Fri
	Austria	0043-820240513	09:00-18:00 Mon-Fri
	Netherlands/ Luxembourg	0031-591570290	09:00-17:00 Mon-Fri
	Belgium	0032-78150231	09:00-17:00 Mon-Fri
	Norway	0047-2316-2682	09:00-18:00 Mon-Fri
	Sweden	0046-858769407	09:00-18:00 Mon-Fri
	Finland	00358-969379690	10:00-19:00 Mon-Fri
	Denmark	0045-38322943	09:00-18:00 Mon-Fri
	Poland	0048-225718040	08:30-17:30 Mon-Fri
	Spain	0034-902889688	09:00-18:00 Mon-Fri
	Portugal	00351-707500310	09:00-18:00 Mon-Fri
	Slovak Republic	00421-232162621	08:00-17:00 Mon-Fri
	Czech Republic	00420-596766888	08:00-17:00 Mon-Fri
	Switzerland-German	0041-848111010	09:00-18:00 Mon-Fri
	Switzerland-French	0041-848111014	09:00-18:00 Mon-Fri
Switzerland-Italian	0041-848111012	09:00-18:00 Mon-Fri	
United Kingdom	0044-8448008340	09:00-17:00 Mon-Fri	
Ireland	0035-31890719918	09:00-17:00 Mon-Fri	
Russia and CIS	008-800-100-ASUS	09:00-18:00 Mon-Fri	
Korea	0082-948567727	09:00-18:00 Mon-Fri	
Asia-Pacific	New Zealand	0800-278788	09:00-18:00 Mon-Fri
	Japan	0800-1232787  0081-473905630 ( Non-Toll Free )	09:00-18:00 Mon-Fri 09:00-17:00 Sat-Sun 09:00-18:00 Mon-Fri 09:00-17:00 Sat-Sun
	Korea	0082-215666868	09:30-17:00 Mon-Fri
	Thailand	0066-24011717 1800-8525201	09:00-18:00 Mon-Fri
	Singapore	0065-64157917 0065-67203835 (Repair Status Only )	11:00-19:00 Mon-Fri 11:00-19:00 Mon-Fri 11:00-13:00 Sat
	Malaysia	0060-320535077	10:00-19:00 Mon-Fri
	Philippine	1800-18550163	09:00-18:00 Mon-Fri
	India	1800-2090365	09:00-18:00 Mon-Sat
	India(WL/NW)		09:00-21:00 Mon-Sun
	Indonesia	0062-2129495000 500128 (Local Only)	09:30-17:00 Mon-Fri 9:30 – 12:00 Sat
	Vietnam	1900-555581	08:00-12:00 13:30-17:30 Mon-Sat
	Hong Kong	00852-35824770	10:00-19:00 Mon-Sat
Americas	USA	1-812-282-2787	8:30-12:00 EST Mon-Fri
	Canada		9:00-18:00 EST Sat-Sun
	Mexico	001-8008367847	08:00-20:00 CST Mon-Fri 08:00-15:00 CST Sat 09:00-18:00 Sun-Thu
Middle East + Africa	Egypt	800-2787349	09:00-18:00 Sun-Thu
	Saudi Arabia	800-1212787	09:00-18:00 Sat-Wed
	UAE	00971-42958941	09:00-18:00 Sun-Thu
	Turkey	0090-2165243000	09:00-18:00 Mon-Fri
	South Africa	0861-278772	08:00-17:00 Mon-Fri
	Israel	*6557/00972-39142800 *9770/00972-35598555	08:00-17:00 Sun-Thu 08:30-17:30 Sun-Thu
Balkan Countries	Romania	0040-213301786	09:00-18:30 Mon-Fri
	Bosnia Herzegovina	00387-33773163	09:00-17:00 Mon-Fri
	Bulgaria	00359-70014411 00359-29889170	09:30-18:30 Mon-Fri 09:30-18:00 Mon-Fri
	Croatia	00385-16401111	09:00-17:00 Mon-Fri
	Montenegro	00382-20608251	09:00-17:00 Mon-Fri
	Serbia	00381-112070677	09:00-17:00 Mon-Fri
	Slovenia	00368-59045400 00368-59045401	08:00-16:00 Mon-Fri
	Estonia	00372-6671796	09:00-18:00 Mon-Fri
	Latvia	00371-67408838	09:00-18:00 Mon-Fri
	Lithuania-Kaunas	00370-37329000	09:00-18:00 Mon-Fri
Lithuania-Vilnius	00370-522101160	09:00-18:00 Mon-Fri	

Visit ASUS website for more information: <http://support.asus.com>

<b>Manufacturer:</b>	<b>ASUSTeK Computer Inc.</b> Tel: +886-2-2894-3447 Address: No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN
<b>Authorised representative in Europe:</b>	<b>ASUS Computer GmbH</b> Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY
<b>Authorised distributors in Turkey:</b>	<b>BOGAZICI BIL GISAYAR SAN. VE TIC. A.S.</b> Tel: +90 212 3311000 Address: AYAZAGA MAH. KEMERBURGAZ CAD. NO.10 AYAZAGA/ISTANBUL <b>CIZGI Elektronik San. Tic. Ltd. Sti.</b> Tel: +90 212 3567070 Address: CEMAL SURURI CD. HALIM MERIC IS MERKEZI No: 15/C D:5-6 34394 MECIDIYEKOY/ISTANBUL