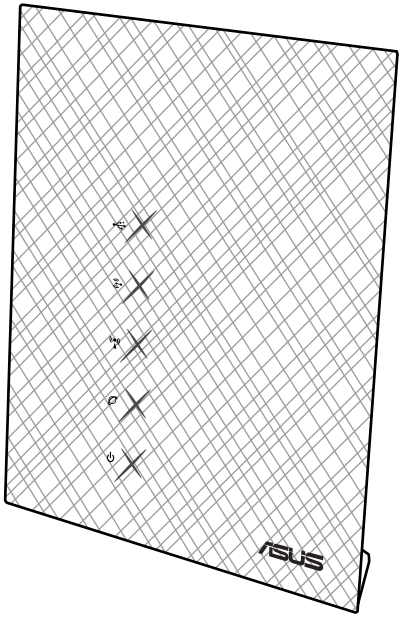
User Guide

RT-N14U

Wireless-N300 Router



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About this guide

This user guide contains information that you need to install and configure the ASUS Router.

How this guide is organized

This guide contains the following sections:

- **Chapter 1: Getting to know your router**

  This chapter provides information on the package contents, hardware features, and LED indicators of the ASUS Router.

- **Chapter 2: Setting up your wireless network**

  This chapter details instructions on how to set up a wireless network.

- **Chapter 3: Network configuration using the web GUI**

  This chapter discusses the steps to configure a wireless network using the web GUI.

- **Chapter 4: Using the utilities**

  This chapter provides instructions on using the utilities included with the ASUS router.

- **Chapter 5: Troubleshooting**

  This chapter contains a troubleshooting guide for solving common problems you may encounter when using the ASUS Router.

- **Appendices**

  This chapter provides you with the regulatory Notices and Safety Statements.

1 Getting to know your router

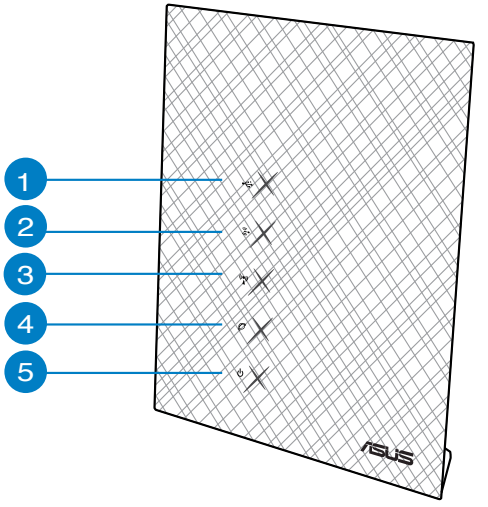
Package contents

- ☑ RT-N14U Wireless Router
- ☑ Network cable (RJ-45)
- ☑ Power adapter
- ☑ Quick Start Guide
- ☑ Warranty card

- If any of the items is damaged or missing, contact ASUS for technical inquiries and support, Refer to the ASUS Support Hotline list at the back of this user manual.
- Keep the original packaging material in case you would need future warranty services such as repair or replacement.

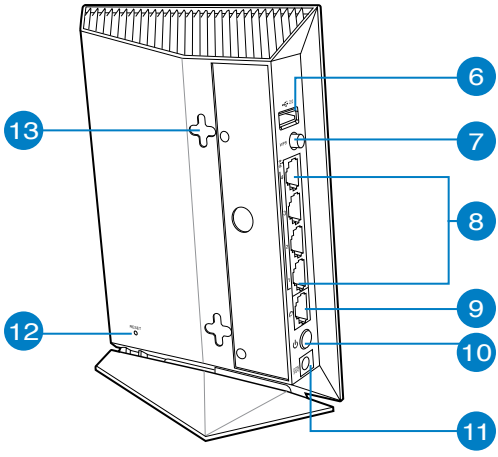
Hardware features

Front



1	USB LED Off: Indicates no power or no USB device connected. On: Indicates a connected USB devices.
2	LAN LED Off: No power or no connection detected. On: Indicates a connection to a local area network (LAN).
3	Wi-Fi LED Off: No wireless signal detected. On: Indicates that the wireless network is ready. Flashing: Indicates network activity via wireless connection
4	WAN LED Off: No power or no connection detected. On: Indicates a connection to a wide area network (WAN).
5	Power LED Off: No power. On: Device ready. Flashing: Indicates WPS activity.

Rear

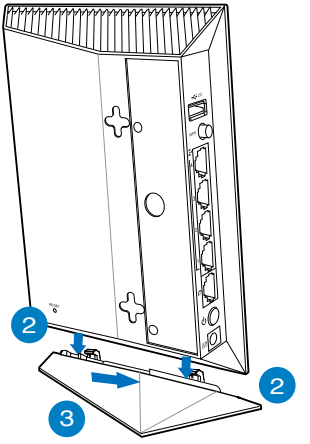


6	USB 2.0 port Insert USB 2.0 devices such as USB hard drives and desktop printers into this port.
7	WPS button Press this button to launch the WPS Wizard to set up wireless security.
8	LAN 1~4 ports Connect ethernet cables into these ports to establish a LAN connection.
9	WAN (Internet) port Connect a network cable into this port to establish a WAN connection.
10	Power button Press the power button to switch the device ON/OFF.
11	Power (DC-IN) port Insert the bundled AC adapter into this port.
12	Reset button This button resets or restores the system to its factory default settings.
13	Wall-mount hooks Use the wall-mount hooks to mount the ASUS router to a wall or raised surface.

Mounting placement

To mount the wireless router onto its stand:

1. Locate the two mounting holes at the bottom of the wireless router.
2. Latch the stand's two mounting hooks to the wireless router's mounting holes.
3. Slide the wireless router towards direction of the arrow to secure it to its stand.



- Use only the power adapter that came with your package. Using other adapters may damage the device.
- Operating Specifications:

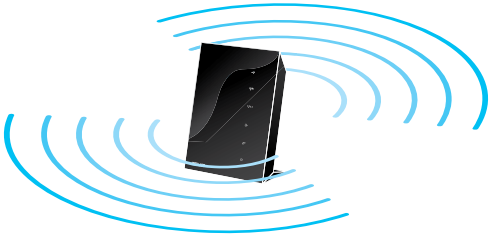
DC Power adapter	DC Output: +19V with max 1.58A current; +12V with max 2A current		
Operating Temperature	0~40°C	Storage	0~70°C
Operating Humidity	50~90%	Storage	20~90%

2 Setting up your wireless network

Positioning your router

To get the best wireless network performance from your ASUS router, follow the recommendations below:

- Place the wireless router at the center of your network for maximum wireless coverage.
- Keep the device away from metal obstructions and away from direct sunlight.
- Keep the device away from 802.11g or 20MHz only Wi-Fi devices, 2.4GHz computer peripherals, Bluetooth devices, cordless phones, transformers, heavy-duty motors, fluorescent lights, microwave ovens, refrigerators, and other industrial equipment to prevent signal interference or loss.
- For the best front-to-rear coverage, place the wireless router in an upright position.
- For the best up-and-down coverage, place the wireless router in an inclined position.
- Always update to the latest firmware. Visit the ASUS website at http://www.asus.com to get the latest firmware updates.



What you need

To set up your network, you need one or two computers that meet the following system requirements:

- Ethernet RJ-45 (LAN) port (10Base-T/100Base-TX)
- IEEE 802.11 b/g/n wireless capability
- An installed TCP/IP service
- Web browser such as Internet Explorer, Firefox, Safari, or Google Chrome

- If your computer does not have built-in wireless capabilities, you may install an IEEE 802.11 b/g/n WLAN adapter to your computer to connect to the network.
- If you are using only one computer with a single band IEEE 802.11 b/g/n WLAN adapter, you will be limited to using only the 2.4GHz frequency.
- Ethernet RJ-45 cables used to connect the network devices should not exceed 100 meters.

Setting up your wireless router

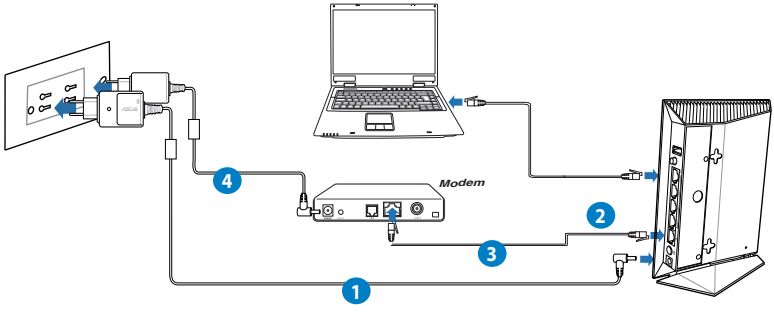
Use a wired connection in setting up your wireless router to avoid possible wireless setup issues.

Before setting up your ASUS wireless router, do the following:

- If you are replacing an existing router, disconnect it from your network.
- Disconnect the cables/wires from your existing modem setup. If your modem has a backup battery, remove it as well.
- Reboot your computer (recommended).

Wired connection

Your wireless router has an integrated auto-crossover feature that allows the use of either a straight-through or crossover cable when setting up a wired connection.



To set up a wired connection:

1. Insert your wireless router's AC adapter into the DC-In port and plug it to a power outlet.

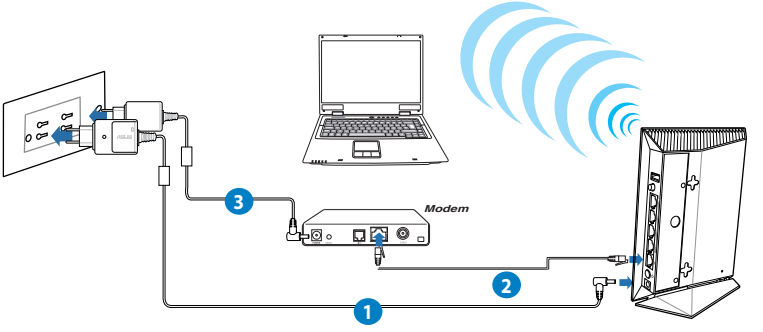
2. Using the bundled network cable, connect your computer to your wireless router's LAN port.

Once the ethernet cable is connected, check that the LAN LED is blinking.

3 Using another network cable, connect your modem to your wireless router's WAN port.

4. Insert your modem's AC adapter into the DC-In port and plug it to a power outlet.

Wireless connection



To set up a wireless connection:

1. Insert your wireless router's AC adapter into the DC-In port and plug it to a power outlet.

2 Using the bundled network cable, connect your modem to your wireless router's WAN port.

3. Insert your modem's AC adapter to the DC-In port and plug it to a power outlet.

4. Install an IEEE 802.11 b/g/n WLAN adapter on your computer.

- For details on connecting to a wireless network, refer to the WLAN adapter's user manual.
- To set up the security settings for your network, refer to the section **Setting up wireless security settings**.

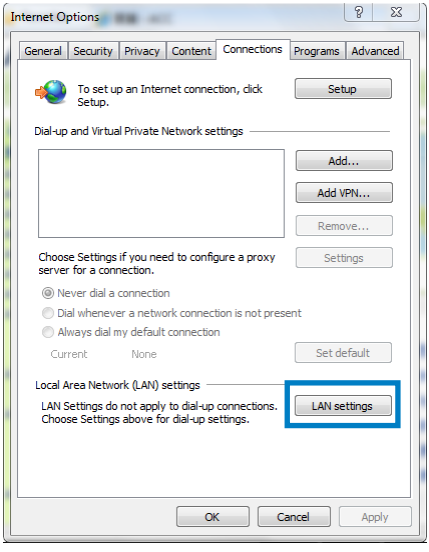
Before you proceed

Before configuring your wireless router, apply the steps described in this section to each computer on the network to avoid problems conneting to the wireless network.

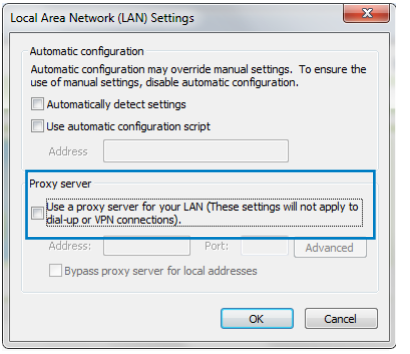
A. Disable any configured proxy servers.

Windows® 7

1. Click **Start > Internet Explorer**.
2. Click **Tools > Internet options > Connections tab > LAN settings.**

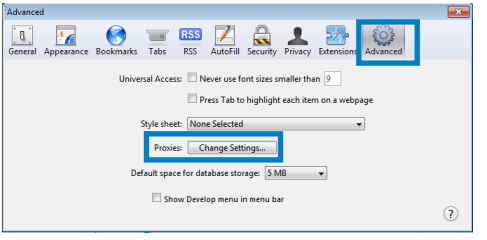


3. From the Local Area Network (LAN) Settings window, uncheck **Use a proxy server for your LAN**.
4. Click **OK** then **Apply**.



MAC OSX

1. From your **Safari** browser, click **Safari** > **Preferences** > **Advanced**. On the **Proxies** item, click **Change Settings**...

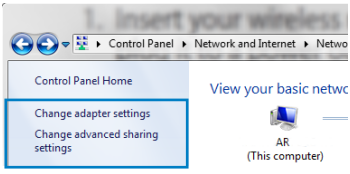


2. From the **Network** screen, deselect **FTP Proxy** and **Web Proxy (HTTP)**.
3. Click **OK** then **Apply**.

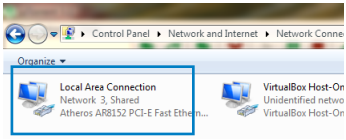
B. Configure TCP/IP settings to automatically obtain an IP address.

Windows® 7

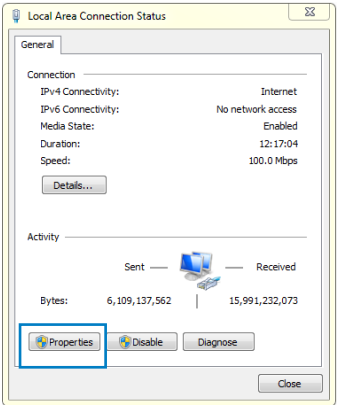
1. Click **Start > Control Panel > Network and Internet > Network and Sharing Center > Change adapter settings**.



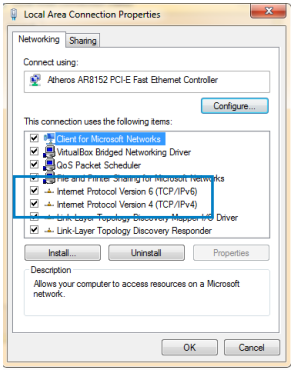
2. On the Network Connections window, click on **Local Area Connection**.



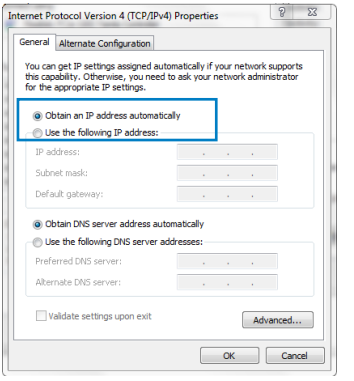
3. On the Local Area Connection Network Status window, click **Properties**.



4. Select Internet Protocol Version 4 (TCP/IPv4) or Internet Protocol Version 6 (TCP/IPv6), then click **Properties**.

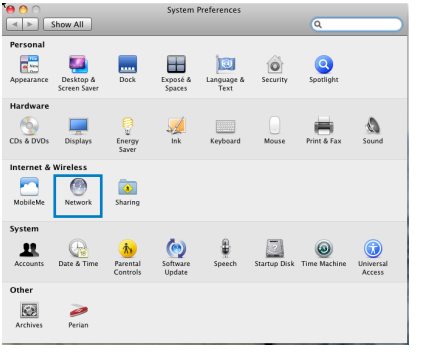


6. Tick **Obtain an IP address automatically.**
7. Click **OK**.

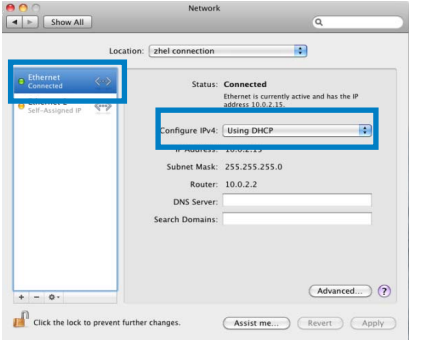


MAC OSX

1. Click **Apple Menu >System Preferences > Network**



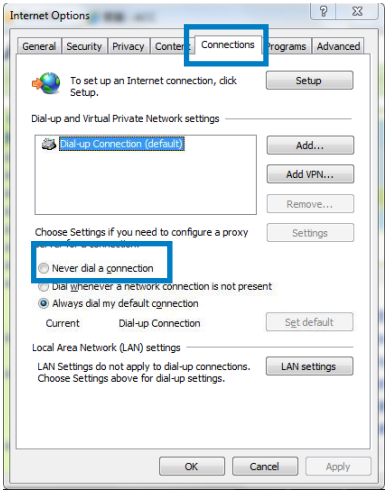
2. Click **Ethernet** on the left panel.
3. On the Configure IPv4, item select **Using DHCP**.
4. Cllick **Apply**.



C. Disable dial-up networking

Windows® 7

1. Click **Start > Internet Explorer**.
2. Click **Tools > Internet options > Connections** tab.
3. Tick **Never dial a connection**.
4. Click **Apply** then **OK**.



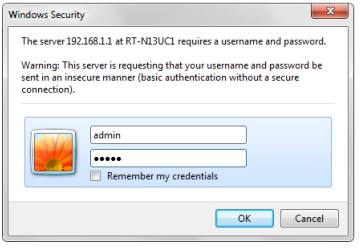
3 Network configuration using the web GUI

Logging into the web GUI

Your ASUS Wireless Router uses a web-based user interface that allows you to configure the router using any web browser such as Internet Explorer, Firefox, Safari, or Google Chrome.

To log in to the web GUI:

1. Launch your web browser and manually key in the wireless router's default IP address: **192.168.1.1**
2. On the login page, key in the default user name (**admin**) and password (**admin**).



3. The wireless router GUI provides access to various configuration settings.

Setting up the Internet connection

When setting the Internet connection for the first time, press the Reset button on your wireless router to reset it to its factory default settings.

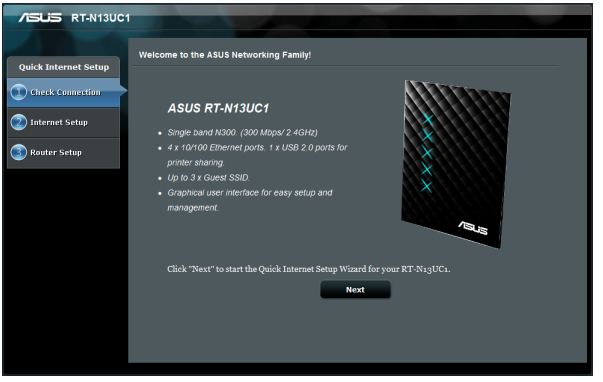
Quick Internet Setup (QIS) with auto-detection

The Quick Internet Setup (QIS) feature guides you in quickly setting up your Internet connection.

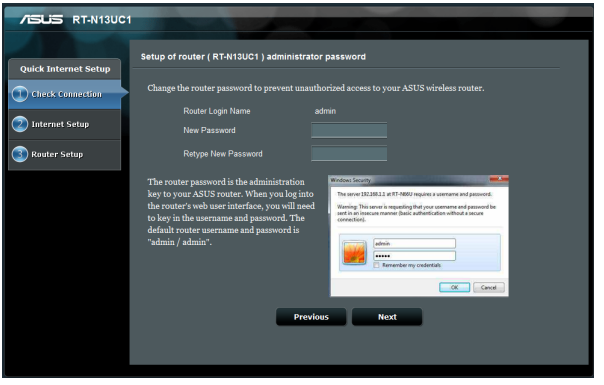
To use QIS with auto-detection:

1. Launch a web browser such as Internet Explorer, Mozilla Firefox, Safari, or Google Chrome.

2. Quick Internet Setup will launch automatically. Click **Next**.

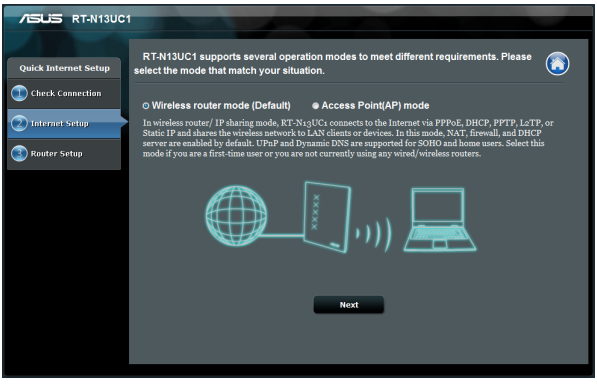


3. Key in a new administrator password. Click **Next.**

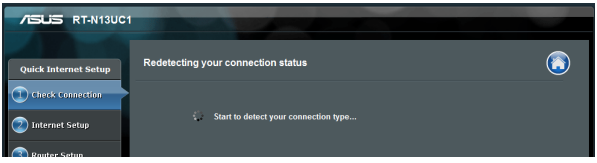


4. Select Wireless router mode or Access Point (AP) mode. Click **Next.**

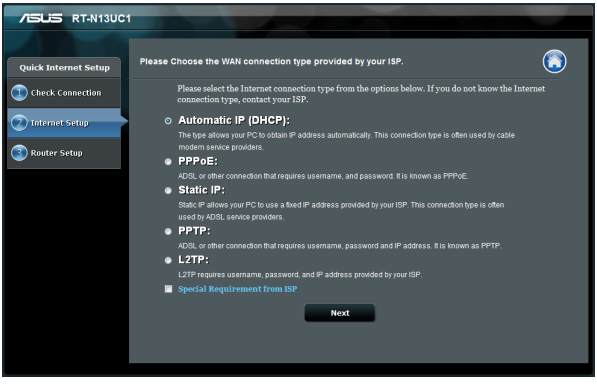
To set up a wireless network with Internet access, use **Wireless router mode.**



5. The wireless router will attempt to identify your connection type.



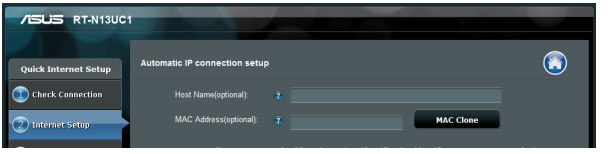
6. Select the necessary connection type and key in any necessary information required such as your ISP username and password.

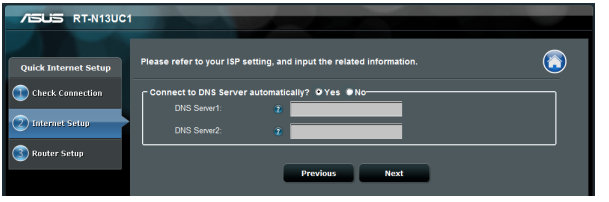


Obtain the necessary information about your Internet connection type and additional login information from your Internet Service Provider.

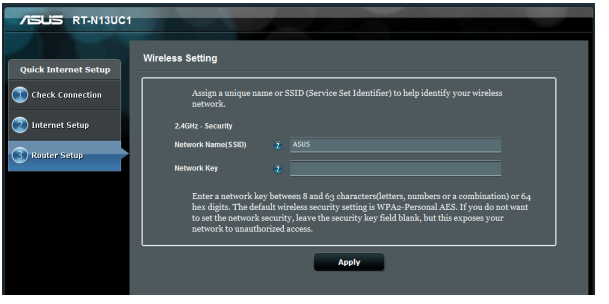
- Auto-detection of your ISP connection type takes place when you configure the wireless router for the first time or when your wireless router is reset to its default settings.
- If QIS fails, you can select the connection type manually.

7. Follow the setup wizard, which will give you the option to specify a host name, a MAC address, and a DNS server. Click **Next.**

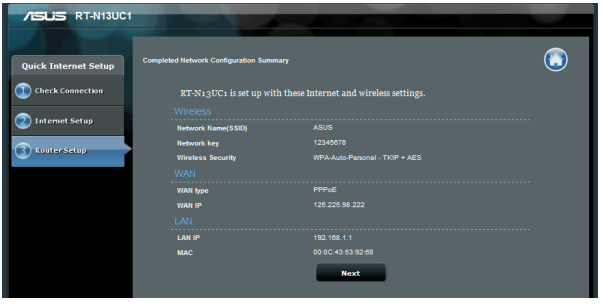




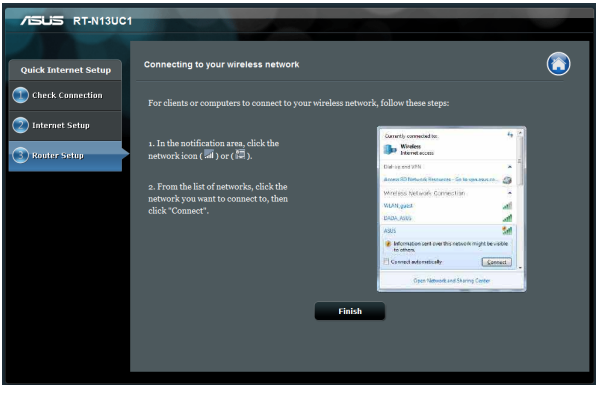
8. In the Wireless setting screen, key in a **network name (SSID)** and assign a security key for your wireless connection. Click **Apply**.



9. A summary of your network settings will be displayed. Click **Next** to continue.



10. The **Wireless Network Connection Tutorial** will be displayed. Click **Finish**.



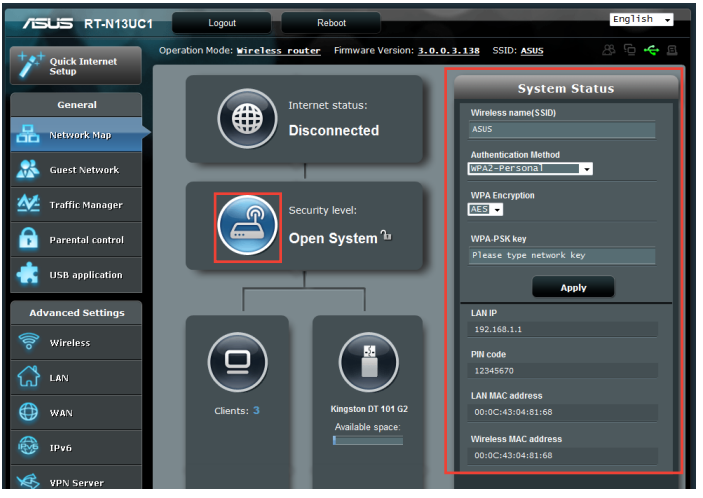
Setting up the wireless security settings

To protect your wireless network from unauthorized access, you need to configure the security settings of the wireless router.

To set up wireless security settings:

1. Key in **192.168.1.1** on your web browser.
2. On the login screen, key in the default user name (**admin**) and password (**admin**), then click **OK**.
3. On the **Network Map** screen, click the **System Status** icon to display the wireless security settings. The System Status panel on the right will display the wireless network name, authentication method, and encryption settings.

Wi-Fi security settings



Managing your network clients

To manage your network clients:

1. On the **Network Map** screen, click the **Client Status** icon to list currently connected network clients.

Monitoring your USB device

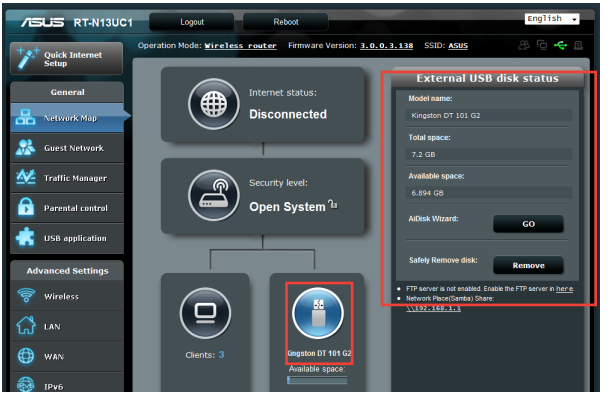
The ASUS Wireless Router provides one USB 2.0 port for connecting USB devices such as a USB storage device or desktop printer.

To use this feature, connect a USB storage device, such as a USB hard disk or USB flash drive, to the USB 2.0 port on the rear panel of your wireless router. The USB storage device should be formatted and partitioned properly. Refer to the **Plug-n-Share Disk Support List** for disk format, file and partition size at http://event.asus.com/networks/disksupport

You first need to create user accounts to allow other network clients to access the USB device. For more details, refer to the section **Using AiDisk for File Sharing** in this user manual.

To monitor your USB device:

1. On the Network Map screen, select the **USB Disk Status** icon to display information about your USB device.



The wireless router works with most USB HDDs/Flash disks (up to 2TB size) and supports read-write access for FAT16, FAT32, EXT2, EXT3, and NTFS formatted storage.

To safely remove your USB device:

1. Click the **USB icon** on the upper-right corner. Click **Eject USB disk**.

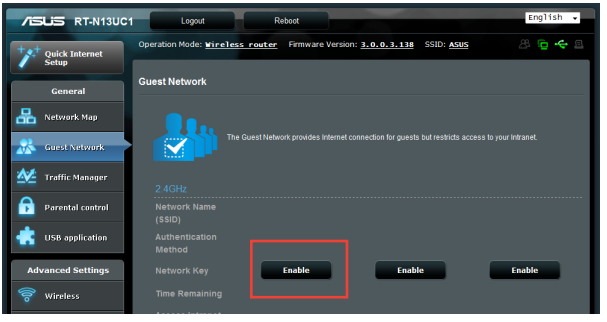
To avoid data loss or damage to the USB storage device, always eject your USB device before disconnecting it from the USB port.

Creating your Guest Network

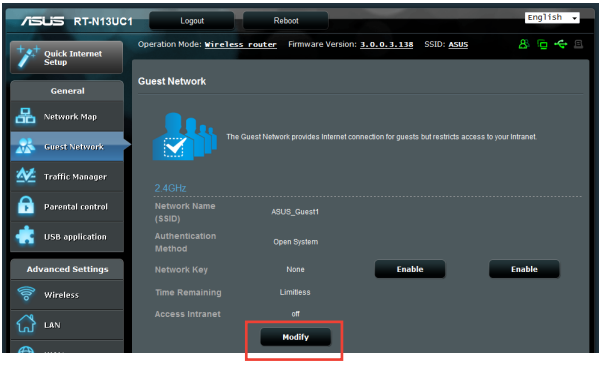
Setting up a Guest Network provides wireless Internet connectivity for temporary visitors while restricting access to your private network.

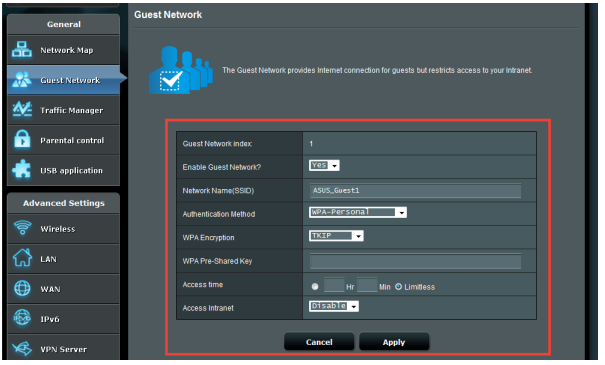
To create your guest network:

1. Click **Guest Network** on the left navigation panel.
2. Click **Enable**.



3. To configure additional options, click **Modify**.





4. Click **Yes** on the **Enable Guest Network?** item.
5. Assign a wireless name for your temporary network on the **Network Name (SSID)** field.
6. Select an **Authentication Method**.
7. Select a **WEP Encryption** method.
8. Specify the **Access time** or click **Limitless**.
9. Select Disable or Enable on the **Access Intranet** item.
10. Click **Apply**.

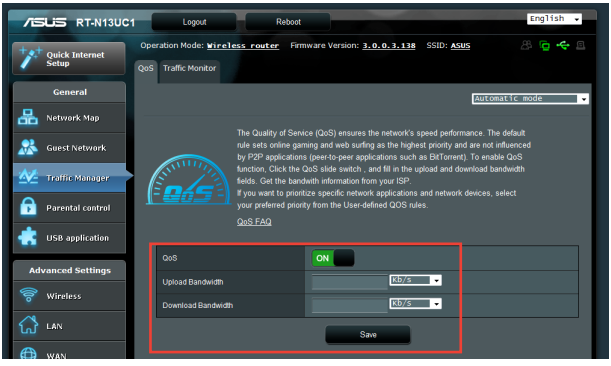
Using the Traffic Manager

Managing QoS (Quality of Service) Bandwidth

The **Quality of Service** feature allows you to set the bandwidth priority and manage network traffic.

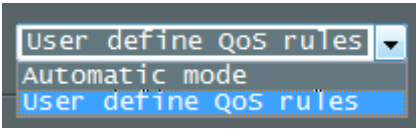
To set up QoS:

1. Click **Traffic Manager** on the left navigation panel and click the **QoS** tab.
2. Click **ON** to enable QoS and click **Save**.

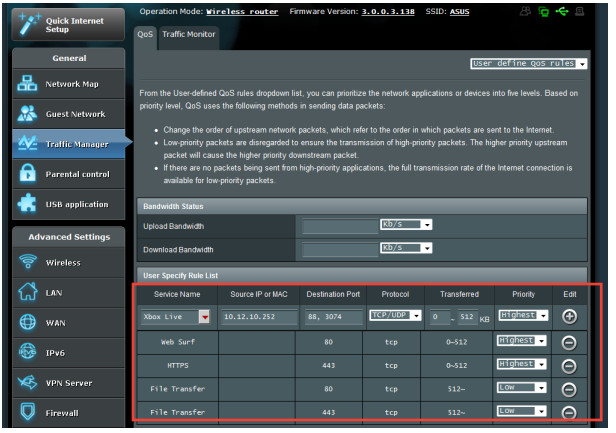


Your bandwidth information is available from your ISP.

3. If you want to prioritize specific network applications and network services, click **User-define QoS rules** on the upper-right hand corner.

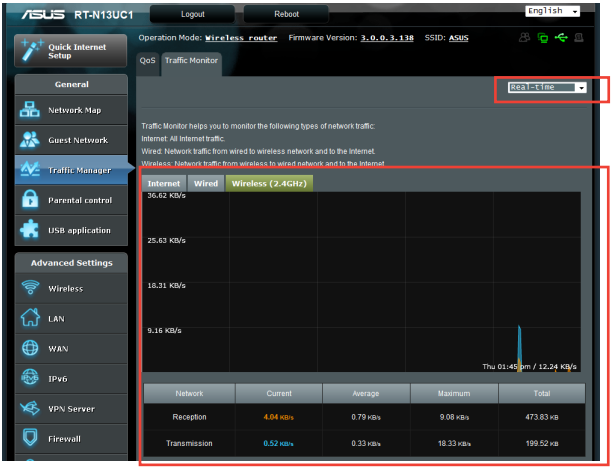


3. Online service types, source IP addresses, ports, and protocols can be added and configured in the QoS rules screen.



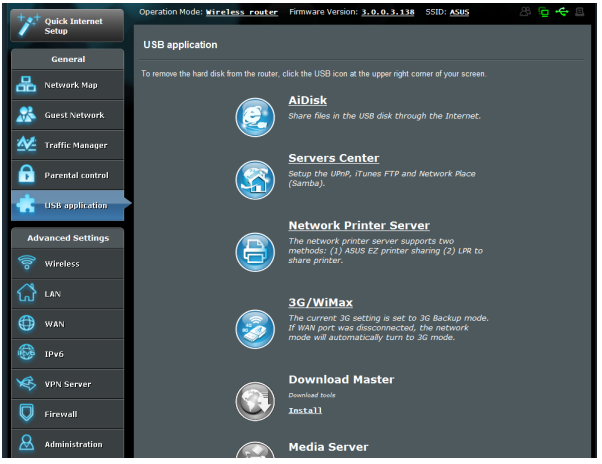
Monitoring Traffic

Click the **Traffic Monitor** tab to view real-time or historical bandwidth information of your Internet, Wired, and Wireless connections.



Using the USB application

The USB application menu displays several options including **AiDisk**, **Servers Center**, and **Network Printer Server.**



Using AiDisk for File Sharing

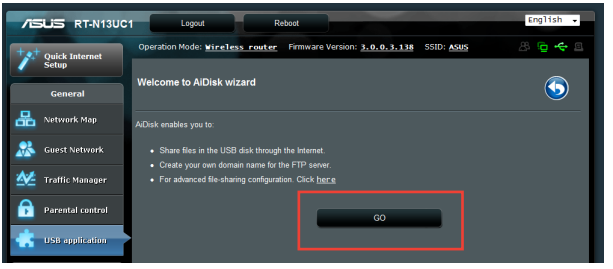
AiDisk allows you to share files stored in a connected USB storage device through the network.

Before using AiDisk, connect a USB storage device, such as a USB hard disk or USB flash drive, to the USB 2.0 port on the rear panel of your wireless router. The USB storage device should be formatted and partitioned properly. Refer to the **Plug-n-Share Disk Support List** for disk format, file and partition size at http://event.asus.com/networks/disksupport

To avoid data loss or damage to the USB storage device, always follow the steps to safely remove your USB device.

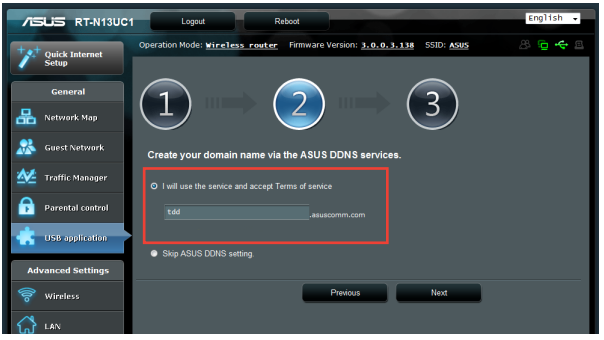
To use AiDisk:

1. Click **USB application** on the left navigation panel and click the **AiDisk icon.**
2. From the **Welcome to AiDisk wizard** screen, click **Go**.

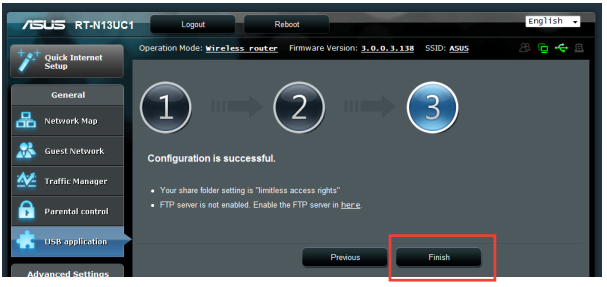


3. Assign access rights to the USB storage device. **Select limitless access rights, limited access rights,** and **admin access** to define read-right privileges to files stored in the USB storage device. Click **Next.**

4. To set up your domain name via the ASUS DDNS service, select **I will use the service and accept Terms of service** and key in your preferred domain name. Your domain name will follow the format **xxx.asuscomm.com**, where xxx is your host name.
5. Click **Next**.



6. Click **Finish**.



7. To access the USB storage device via FTP from a client on the network, launch a web browser or a third-party FTP client utility and key in the ftp link (**ftp://<domain name>**) you previously created.

Using the Servers Center

Your ASUS wireless router supports UPnP (Universal Plug and Play) multimedia devices, such as the Sony Playstation 3 and Microsoft XBox360. Setting up the Servers Center feature allows UPnP devices to access multimedia files from the USB disk connected to your wireless router.

To make use of the UPnP Media Server feature wirelessly, your UPnP device should have a wireless adapter.

To set up your wireless router as a Server center for UPnP devices:

1. Click **USB application** on the left navigation panel and click the **Servers Center** icon.
2. Slide the **Enabled DLNA media server** switch to ON to stream multimedia via DLNA.

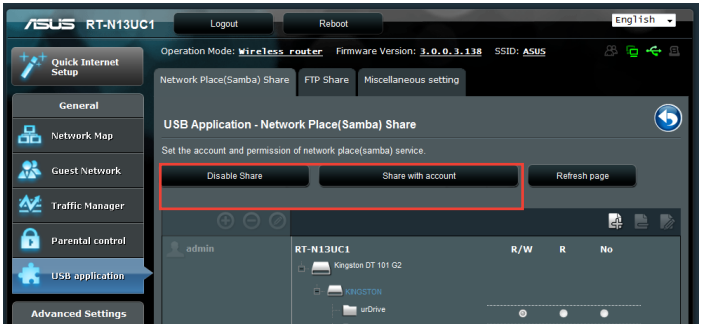
   Slide the **Enabled iTunes server** switch to ON to stream multimedia via iTunes.

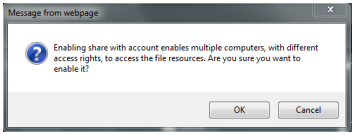
Using the Network Place (Samba) Share service

The Network Place (Samba) Share feature allows Mac OSX, Windows, and Linux clients to access files on the USB storage device.

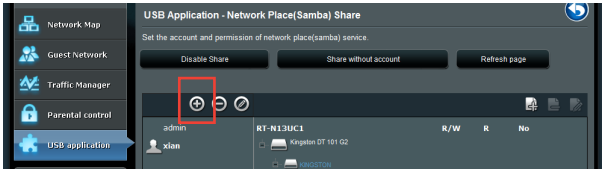
To use Samba share:

1. Click **USB application** on the left navigation panel and click the **Servers Center** icon.
2. Click the **Network place (Samba) Share** tab.
3. Click the **Enable Share** and **Share with account**.





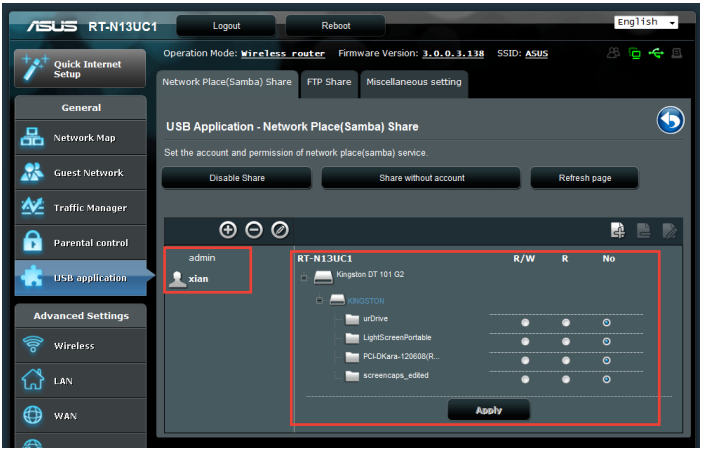
4. Click the **Add** button to create user accounts for users who will be accessing the USB storage device via Samba.



5. Assign a name for the user account and key in a password. Click **Add**.

6. Use the **Modify** and **Delete** buttons to modify the password or remove the user account.

7. Select a user and assign the type of access rights for files or folders located in the storage device:
   - **R/W**: Select this option to assign read/write access for a specific file/folder.
   - **R**: Select this option to assign read only access for a specific file/folder.
   - **No**: Select this option if you do not want to share a specific file/folder.



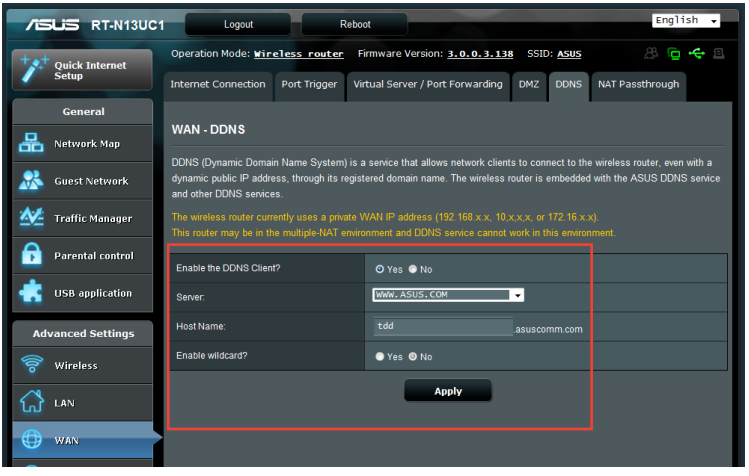
8. Click **Apply**.

Using the FTP Share service

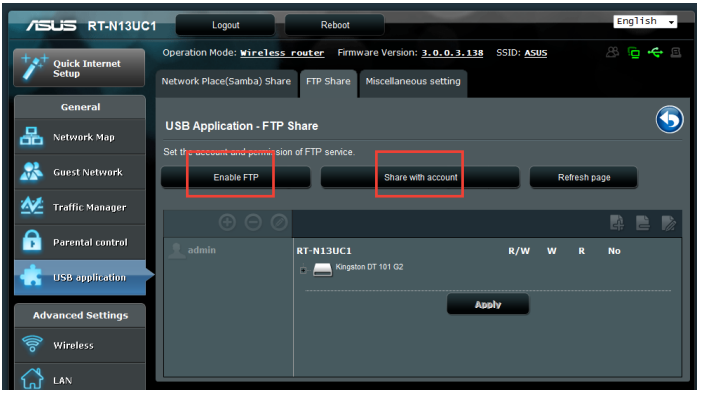
Your ASUS wireless router can set up the connected USB storage device as an FTP server.

To set up the FTP Share service:

1. Configure file sharing using the steps in **Using AiDisk for File Sharing**.
2. Enable the DDNS service for FTP server access:
   a. Click **WAN** on the left navigation panel, then click the **DDNS tab**.
   b. In the **Enable the DDNS Client?** field, tick **Yes**.
   c. Select your DDNS Server from the list.
   d. Key in your Host Name.
   e. Click **Apply**.



3. Click **USB application** on the left navigation panel and click the **Servers Center** icon.
4. Click the **FTP Share** tab.
5. Click the **Enable FTP** and **Share with account**.

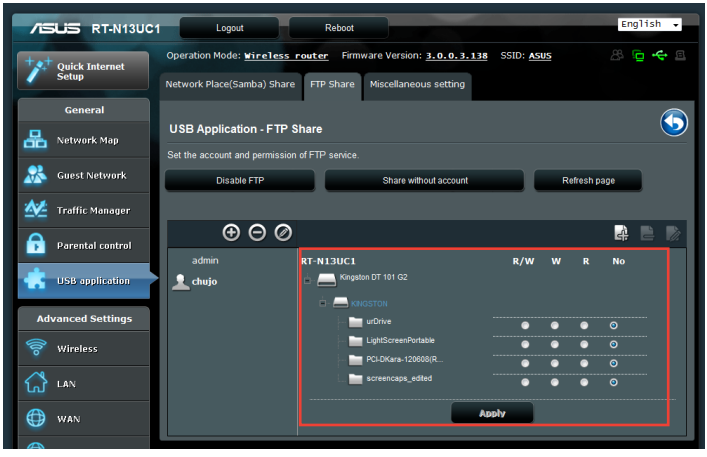


6. Click the **Add** button to create accounts for users who will be accessing the USB storage device via FTP Server.

   Assign a name for the user account and key in a password. Click **Add**.

7. Use the **Modify** and **Delete** buttons to modify the password or remove the user account.

8. Select the type of access rights for the storage device:
   - **R/W**: Select this option to assign read/write access for a specific file/folder.
   - **W**: Select this option to assign write only access for a specific file/folder.
   - **R**: Select this option to assign read only access for a specific file/folder.
   - **No**: Select this option if you do not want to share a specific file/folder.



9. Click **Apply**.

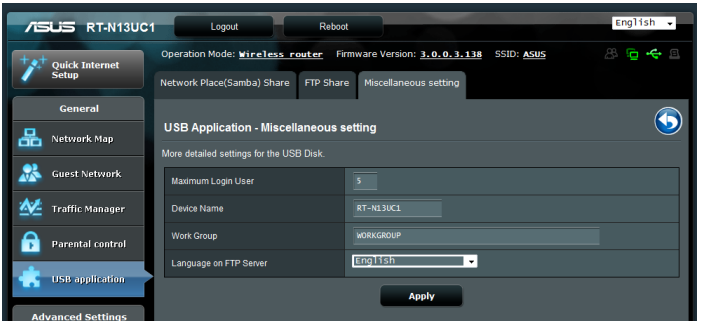
10. To access the FTP server from a client on the network, key in **ftp://<hostname>.asuscomm.com** on a web browser or a third-party FTP utility. Once prompted, key in the account username and password you set up in Step 6.

Using the Miscellaneous setting

The Miscellaneous settings page allows you to configure additional properties for the USB disk. You can change the maximum number of users who can access the USB storage device, assign a device name and work group, or specify the language settings for the FTP server.

To configure additional USB device settings:

1. Click **USB application** on the left navigation panel and click **Servers Center.**
2. Click the **Miscellaneous setting** tab.
3. Specify or change configuration settings as needed.
3. Click **Apply**.



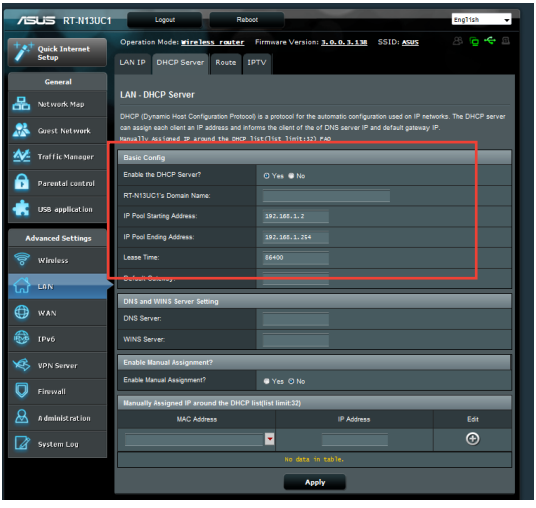
Configuring Advanced settings

Setting up the DHCP Server

You wireless router uses DHCP to assign IP addresses automatically on your network. You can specify the IP address range and lease time for the clients on your network.

To configure the DHCP server:

1. Click **LAN** on the left navigation panel.
2. Click the **DHCP Server** tab.



3. In the **Enable the DHCP Server?** field, tick **Yes**.
4. In the **IP Pool Starting Address** field, key in the starting IP address.
5. In the **IP Pool Ending Address** field, key in the ending IP address.

6. In the **Lease Time** field, specify in seconds when an assigned IP address will expire. Once it reaches this time limit, the DHCP server will then assign a new IP address.

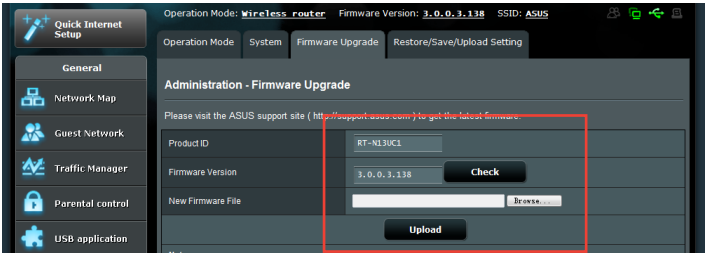
- ASUS recommeds that you use an IP address format of 192.168.1.xxx (where xxx can be any number between 2 and 254) when specifying an IP address range.
- An IP Pool Starting Address should not be greater than the IP Pool Ending Address.

Upgrading the firmware

Download the latest firmware from the ASUS website at **http://www.asus.com**

To upgrade the firmware:

1. Click **Administration** from the left navigation panel.
2. Click the **Firmware Upgrade** tab.
3. In the **New Firmware File** item, click **Browse**. Navigate to the downloaded firmware file.
4. Click **Upload**.

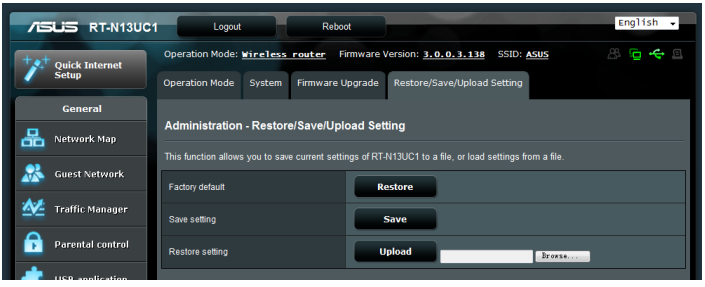


If the upgrade process fails, the wireless router automatically enters rescue mode and the power LED indicator on the front panel starts flashing slowly. To recover or restore the system, use the Firmware Restoration utility.

Restoring/Saving/Uploading settings

To restore/save/upload the settings:

1. Click **Advanced Setting** from the left navigation panel.
2. Click the **Restore/Save/Upload Setting** tab.



3. Select the tasks that you want to do:
   - To restore to the default factory settings, click **Restore**, and click **OK** once prompted.
   - To save the current system settings, click **Save**, navigate to the folder where you intend to save the file and click **Save**.
   - To restore from a saved system settings file, click **Browse** to locate your file, then click **Upload**.

Setting up your network printer

Use the Network Printer Setup utility to set up a USB printer on your wireless router and share the printer with other devices on the network.

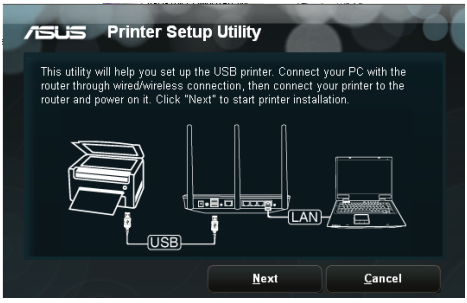
- To check if your USB printer is compatible with your ASUS wireless router, refer to the Plug-n-Share Disk Support List at **http://event.asus.com/networks/printersupport**
- The wireless router's printer server function is not supported on Windows® 2000.

To set up your USB Printer:

1. Click **USB application** from the left navigation panel, then click **Network Printer Server**.
2. Click **Download Now!** to download the network printer utility.

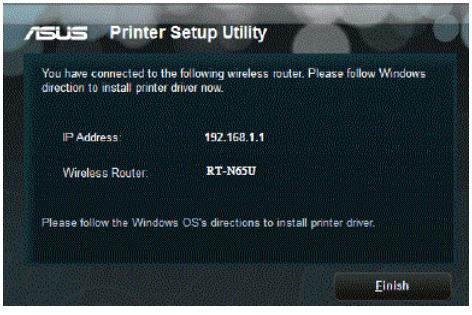
3. Unzip the downloaded file and click the Printer.exe file to run the network printer setup program.

4. Follow the onscreen instructions to set up your hardware, then click **Next**.

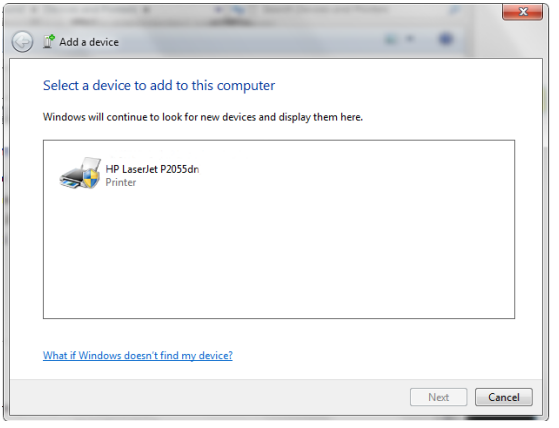


5. Wait for a few minutes for the initial setup to finish. Click **Next**.

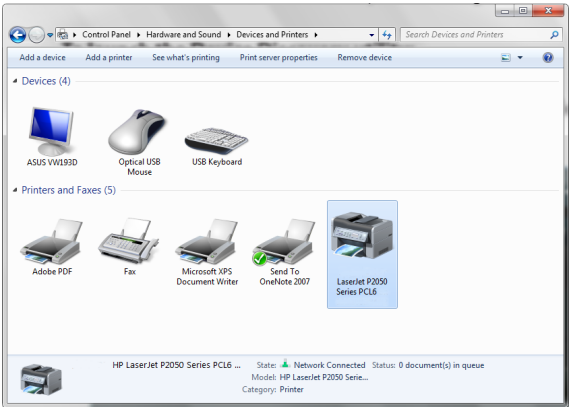
6. Click **Finish** to complete the installation.



7. Follow the Windows® OS instructions to install the printer driver.



8. After printer driver installation is complete, computers on the network will now be able to access the printer.



Device Discovery

Device Discovery is an ASUS WLAN utility that detects an ASUS wireless router device, and enables you to configure the device.

To launch the Device Discovery utility:

- From your computer's desktop, click
  Start > **All Programs** > **ASUS Utility** > **RT-N14U Wireless Router** > **Device Discovery**.

When you set the router to Access Point mode, you need to use Device Discovery to get the router's IP address.

Firmware Restoration

Firmware Restoration is used on an ASUS Wireless Router after a failed firmware upgrade. This utility uploads a firmware file to the wireless router. The process takes about three to four minutes.

Launch rescue mode before using the Firmware Restoration utility.

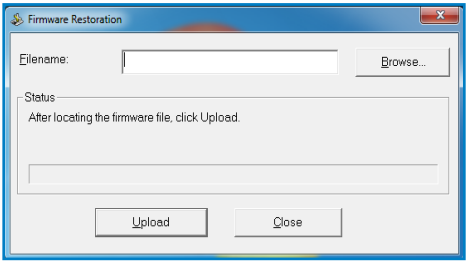
To launch rescue mode and use the Firmware Restoration utility:

1. Unplug the wireless router from its power source.
2. While holding down the Reset button at the back of the wireless router, plug the wireless router into a power source. Release the Reset button when the Power LED at the front panel begins to flash slowly, which indicates that the wireless router is in rescue mode.
3. Use the following to set up your TCP/IP settings:

   IP address: 192.168.1.x

   Subnet mask: 255.255.255.0
4. From your computer's desktop, click

   Start > **All Programs** > **ASUS Utility RT-N14U Wireless Router** > **Firmware Restoration**.



5. Click Browse to navigate to a firmware file, then click **Upload**.

The Firmware Restoration utility is not used to upgrade the firmware of a working ASUS Wireless Router. Normal firmware upgrades must be done through the web GUI. Refer to **Upgrading the firmware** for more details.

Troubleshooting

I cannot access the router GUI for configuring the router.

- Delete the cookies and temporary files in your web browser. To do this in Internet Explorer 8, follow these steps:
  1. Launch your web browser, then click **Tools** > **Internet Options.**
  2. On the General tab, click **Delete** under Browsing history.
  3. Tick **Temporary Internet Files** and **Cookies.** Click **Delete.**

The commands for deleting cookies and files vary with the web browser.

- Disable the proxy server settings, cancel the dial-up connection, and set the TCP/IP settings to obtain IP addresses automatically. For more details, refer to the section **Before you proceed** in this user manual.

The client cannot establish a wireless connection with the router.

Out of Range:

- Place the router closer to the wireless client.
- Change the channel settings.

Authentication:

- Use a 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.

- Place the router closer to the wireless client.
- Check whether the wireless adapter is connected to the correct wireless network.
- 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 connected.
- Use a different Ethernet cable.

Internet is not accessible.

- Check the status indicators on the ADSL modem and the wireless router.
- Check if the WAN LED on the wireless router is ON. If the LED is not ON, switch the ethernet cable and try again.

When the ADSL Modem "Link" light is ON (steady and not blinking), this means Internet Access is possible.

- Restart your computer.
- Refer to the Quick Start Guide of the wireless router and re-configure the settings.
- Check if the WAN LED on the wireless router is ON.
- Check the wireless encryption settings.
- Check if the computer can get an IP address (using both a wired or wireless connection).
- Check that your web browser is configured to use the local LAN, and is not configured to use a proxy server.

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 Internet service provider.

Network name or encryption keys are forgotten.

- Set up a wired connection and configure the wireless encryption again.
- Press the Reset button at the rear panel of the wireless router for more than five seconds.

How to restore the system to its default settings?

- Press the Reset button at the rear panel of the wireless router for more than five seconds.
- Refer to the section **Restoring/Saving/Uploading settings** in Chapter 3 of this user manual.

  The following are the factory default settings:

User Name:	admin
Password:	admin
Enable DHCP:	Yes (if WAN cable is plugged in)
IP address:	192.168.1.1
Domain Name:	(Blank)
Subnet Mask:	255.255.255.0
DNS Server 1:	192.168.1.1
DNS Server 2:	(Blank)
SSID:	ASUS

ASUS DDNS Service

RT-N14U supports the ASUS DDNS service. When exchanging devices at the service center, if you have registered the ASUS DDNS service and want to keep the original domain name, you must transfer your data in order to retain the DDNS service. Visit your local service center for more information.

- If there is no activity in the domain - such as reconfiguring the router or accessing the registered domain name - within 90 days, the system automatically deletes the registered information.
- If you encounter any problem or difficulty in using your device, contact the service center.

Frequently Asked Questions (FAQs)

1. Will the registered information be lost or registered by others?

If you have not updated the registered information in 90 days, the system automatically deletes the registered information and the domain name may be registered by others.

2. I did not register the ASUS DDNS for the router I bought six months ago. Can I still register it?

Yes, you can still register the ASUS DDNS service for your router. The DDNS service is embedded in your router, so you can register the ASUS DDNS service anytime. Before registering, click **Query** to check if the hostname has been registered or not. If not, the system registers the hostname automatically.

3. I have registered a domain name before and it has been working well until my friends told me that they could not access my domain name.

Check the following:

1. The internet is working properly.
2. The DNS server is working properly.
3. The last time you updated the domain name.

If there are still problems in accessing your domain name, contact the service center.

4. Can I register two domain names to access my http and ftp servers separately?

No, you cannot. You can only register one domain name for one router. Use port mapping to implement security in the network.

5. After restarting the router, why is it that I see a different WAN IP address in MS-DOS and in the router configuration page?

This is normal. The interval time between the ISP DNS server and ASUS DDNS results in different WAN IPs in MS-DOS and in the router configuration page. Different ISPs may have different interval time for IP updating.

6. Is the ASUS DDNS service free, or is it just a trial version?

The ASUS DDNS service is a free and embedded service in some ASUS routers. Check if your ASUS router supports the ASUS DDNS service.

Appendices

Notices

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 packaging materials. Please go to http://csr.asus.com/english/Takeback.htm for the detailed recycling information in different regions.

REACH

In 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/index.aspx

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 distance 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 works within the 5.15 ~ 5.25 GHz and is restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations.

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

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 a minimum distance of 20cm between the radiator and your body. Use only 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.

Canada, Industry Canada (IC) Notices

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.

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.

Radio Frequency (RF) Exposure Information

The radiated output power of the ASUS Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The ASUS Wireless Device should be used in such a manner such

that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions (antennas are less than 20 centimeters of a person's body).

This device has been certified for use in Canada. Status of the listing in the Industry Canada's REL (Radio Equipment List) can be found at the following web address: http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng

Additional Canadian information on RF exposure also can be found at the following web: http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent a ecter son fonctionnement.

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Version 2, June 1991

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Online support	support.asus.com

* EUR 0.14/minute from a German fixed landline; EUR 0.42/minute from a mobile phone.

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Authorised representative in Europe:	ASUS Computer GmbH
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Networks Global Hotline Information

Area	Hotline Number	Support Languages	Working Hour	Working Day
Australia	1300-2787-88	English	8:00-20:00	Mon. to Fri.
Austria	0043-820240513	German	9:00-18:00	Mon. to Fri.
Belgium	0032-78150231	Dutch /French	9:00-17:00	Mon. to Fri.
China	400-620-6655	Simplified Chinese	9:00-18:00	Mon. to Sun.
Denmark	0045-3832-2943	Denish/English	9:00-17:00	Mon. to Fri.
Finland	00358-9693-7969	Finnish/English/ Swedish	10:00-18:00	Mon. to Fri.
France	0033-170949400	France	9:00-17:45	Mon. to Fri.
Greece	00800-44-14-20-44	Greek	9:00-13:00; 14:00-18:00	Mon. to Fri.
Hong Kong	3582-4770	Cantonese/ Chinese/ English	10:00-20:00 10:00-17:00	Mon. to Fri. Sat.
Ireland	0035-31890719918	English	9:00-17:00	Mon. to Fri.
Italy	199-400089	Italian	09:00-13:00 14:00-18:00	Mon. to Fri.
Japan	0800-123-2787	Japanese	9:00-18:00 9:00-17:00	Mon. to Fri. Sat. to Sun.
Malaysia	+603 2148 0827 (Check Repair Detail Status Only) +603-6279-5077	Bahasa Melayu/ English	10:00-19:00	Mon. to Fri.
Netherlands / Luxembourg	0031-591-570290	Dutch / English	9:00-17:00	Mon. to Fri.
New Zealand	0800-278-788 / 0800-278-778	English	8:00-20:00	Mon. to Fri.
Norway	0047-2316-2682	Norwegian /English	9:00-17:00	Mon. to Fri.
Philippine	+632-636 8504; 180014410573	English	9:00-18:00	Mon. to Fri.
Poland	00225-718-033 00225-718-040	Polish	9:00-17:00 8:30-17:30	Mon. to Fri.
Portugal	707-500-310	Portuguese	9:00-17:00	Mon. to Fri.

Area	Hotline Number	Support Languages	Working Hour	Working Day
Russia	+8-800-100-ASUS; +7-495-231-1999	Russian/ English	9:00-18:00	Mon. to Fri.
Singapore	+65-6720-3835 (Check Repair Detail Status Only) -66221701	English	11:00-19:00	Mon. to Fri.
Slovak	00421-232-162-621	Czech	8:00-17:00	Mon. to Fri.
Spain	902-88-96-88	Spanish	9:00-18:00	Mon. to Fri.
Sweden	0046-8587-6940	Swedish/ English	9:00-17:00	Mon. to Fri.
Switzerland	0041-848111010	German/French	9:00-18:00	Mon. to Fri.
	0041-848111014	French	9:00-17:45	Mon. to Fri.
	0041-848111012	Italian	9:00-17:00	Mon. to Fri.
Taiwan	0800-093-456; 02-81439000	Traditional Chinese	9:00-12:00; 13:30-18:00	Mon. to Fri.
Thailand	+662-679-8367 -70; 001 800 852 5201	Thai/English	9:00-18:00	Mon. to Fri.
Turkey	+90-216-524-3000	Turkish	09:00-18:00	Mon. to Fri
United Kingdom	0044-870-1208340; 0035-31890719918	English	9:00-17:00	Mon. to Fri.
USA/Canada	1-812-282-2787	English	8:30-12:00am EST (5:30am-9:00pm PST) 9:00am-6:00pm EST (6:00am-3:00pm PST)	Mon. to Fri. Sat. to Sun.

For more information, visit the ASUS support site at: http://support.asus.com

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