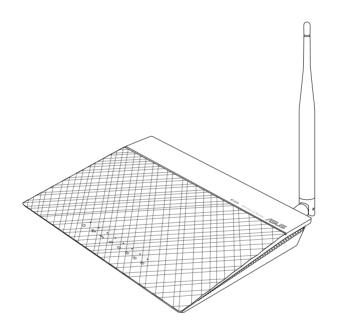
User Guide

RT-N10 Wireless Router





E8064 First Edition January 2013

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1 Getting to know your wireless router

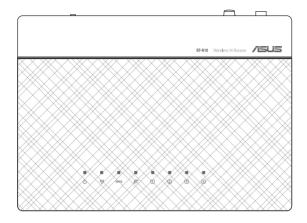
Package contents

- RT-N10 wireless router
- ☑ Network cable (RJ-45)
- Power adapter
- ✓ Ouick 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.

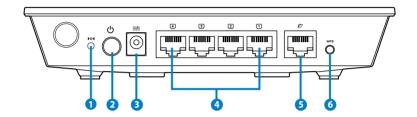
Hardware features Front



Status indicators

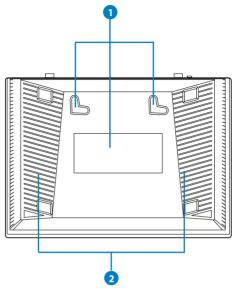
LED	Status	Indication
راع	Off	No power
Power	On	System ready
rowei	Flashing slowly	Rescue mode
((•j))	Off	No power
Wireless	On	Wireless system ready
	Flashing	Transmitting or receiving data (wireless)
WPS	Flashing	WPS in progress
Ø	Off	No power or no physical connection
WAN Wide Area	On	Has physical connection to an Ethernet network
Network	Flashing	Transmitting or receiving data (through Ethernet cable)
1	Off	No power or no physical connection
LAN 1-4 Local Area	On	Has physical connection to an Ethernet network
Network	Flashing	Transmitting or receiving data (through Ethernet cable)

Rear



Label	Description
▶○ 《 Reset	Press this button for more than five seconds to restore the system to its factory default settings.
ပ Power	Press this button to power on/off the wireless router.
DCIN	Insert the AC adapter into this port to connect your router to a power source.
1 LAN1-LAN4	Connect RJ-45 Ethernet cables to these ports to establish LAN connection.
€ WAN	Connect an RJ-45 Ethernet cable to this port to establish WAN connection.
WPS	Press this button for more than four seconds to establish a secure wireless connection with a WPS-supported wireless device.

Bottom panel



Item	Description	
1	Mounting hooks	
	Use the mounting hooks to mount your router on concrete or wooden surfaces using two round head screws.	
2	Air vents	
	These vents provide ventilation to your router.	



Mounting the wireless router to a wall is not recommended as it reduces wireless performance.

2 Setting up your wireless network

Positioning your router

To get the best wireless network performance from your wireless 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 wireless coverage, place the wireless router in an upright position.
- For the best upward and downward wireless coverage, place the wireless router in an inclined position.
- Always update to the latest firmware. Visit the ASUS website at http://support.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 802.11b/g/n wireless capability
- An installed TCP/IP service
- Web browser such as Microsoft Internet Explorer, Mozilla Firefox, Apple Safari, or Google Chrome



- If your computer does not have built-in wireless capabilities, install an IEEE 802.11b/g/n WLAN adapter to your computer to connect to the network.
- The Ethernet RJ-45 cables used to connect the network devices should not exceed 100 meters.

Setting up your wireless router

The ASUS RT-N10 uses a web Graphical User Interface (GUI) to configure wireless router settings. You can set up the wireless router to use any of these three operation modes:

- Router mode (IP Sharing)
- · Repeater mode
- · Access Point (AP) mode

You can configure your wireless router to use an operation mode via the Quick Internet Setup (QIS).



- Use a wired connection when 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. If your modem has a backup battery, remove it as well.
 - Reboot your computer (recommended).

Router mode

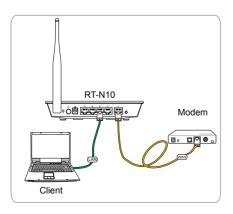
In Router mode, the wireless router connects to the Internet either through PPPoE, Automatic IP, PPTP, L2TP, or Static IP, and provides wireless signals for your network. NAT, firewall, and IP sharing services for LAN clients are enabled.

To set up the wireless router in Router mode:

1. Connect your devices.



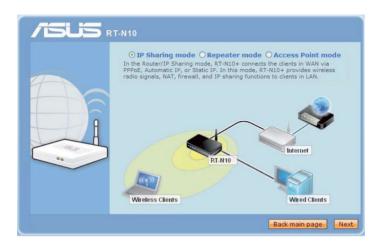
Use an Ethernet cable (wired connection) to connect your computer to the wireless router for initial configuration to avoid possible wireless setup problems.



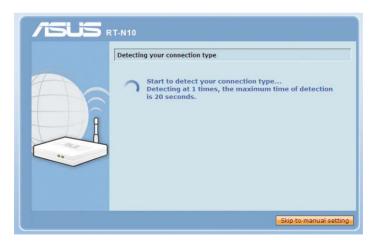
2. Launch your web browser and the QIS web page will appear automatically. Select **IP Sharing mode**, then click **Next**.



If the QIS web page does not appear, disable the proxy settings on your web browser.



3. QIS will detect your Internet connection type.



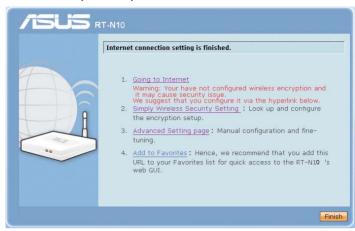
4. Key in the username and password for your account. Click **Apply all settings**.





- A PPPoE Internet connection is shown on the example. The setup screen varies depending on the detected Internet connection type
- Obtain the required account information, such as the user name and password, from your Internet Service Provider (ISP).

5. Internet setup is complete.



- Click Going to Internet to browse the Internet.
- Click Simply Wireless Security Setting to configure basic security settings for SSID, authentication method, and WEP encryption for the wireless router.



- Click Advanced Setting page to manually configure advanced settings for the wireless router.
- Click Add to Favorites to add this URL to your Favorites or Bookmarks on your browser for quick access to the web GUI.

Repeater Mode

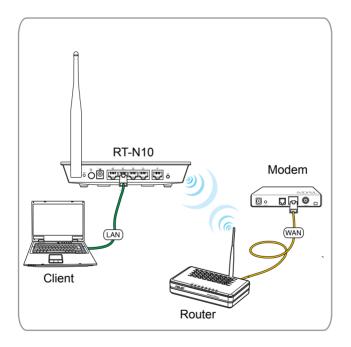
In Repeater mode, the wireless router extends your wireless network coverage and provides you with higher quality wireless radio signals. NAT, Firewall, and IP sharing services are disabled.

To set up your wireless router in Repeater mode:

1. Connect your devices.



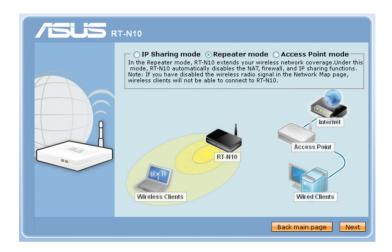
Use an Ethernet cable (wired connection) to connect your computer to the wireless router for initial configuration to avoid possible wireless setup problems.



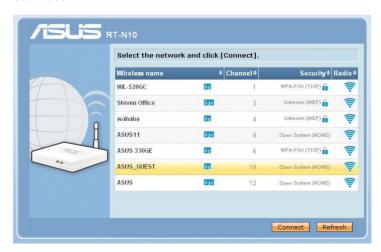
2. Launch your web browser and the QIS web page will appear automatically. Select **Repeater mode**, then click **Next**.



If the QIS web page does not appear, disable the proxy settings on your web browser.



3. Select the wireless Access Point you would like to extend. Click **Connect**.



AP Mode

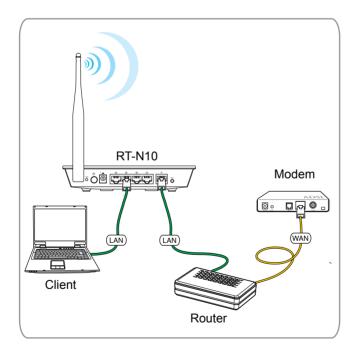
In AP mode, the wireless router receives the WAN IP address from the router connected to the WAN port and provides a wireless radio signal for your network. NAT, firewall, IP sharing services are disabled.

To set up your wireless router in AP mode:

1. Connect your devices.



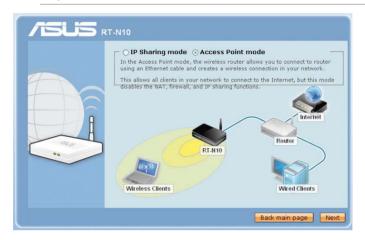
Use an Ethernet cable (wired connection) to connect your computer to the wireless router for initial configuration to avoid possible wireless setup problems.



2. Launch your web browser and the QIS web page will appear automatically. Select **Access Point mode**, then click **Next**.



If the QIS web page does not appear, disable the proxy settings on your web browser.



3. Configure wireless security settings for SSID, authentication method, and WEP Encryption. Click **Finish**.



3 Configuring the network clients

Accessing the wireless router

To access the ASUS Wireless Router, you must have the correct TCP/IP settings on your wired or wireless clients. Ensure that the clients' IP addresses are within the same subnet as the ASUS Wireless Router.

Setting up an IP address for wired or wireless clients

By default, the ASUS Wireless Router uses DHCP to automatically assign IP addresses to the clients in your network.

You may, however, want to manually assign static IP addresses on some of the clients or computers in your network rather than automatically getting IP addresses from your wireless router.

Follow the instructions below that correspond to the operating system installed on your client or computer.



In Router mode, if you want to manually assign an IP address to your client, we recommend that you use the following settings:

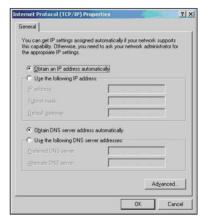
- IP address: 192.168.1.xxx (xxx can be any number between 2 and 254. The IP address should not be used by another device)
- **Subnet Mask**: 255.255.255.0 (same Subnet Mask as the ASUS Wireless Router)
- Gateway: 192.168.1.1 (IP address of the ASUS Wireless Router)
- **DNS**: 192.168.1.1 (ASUS Wireless Router) or assign a known DNS server in your network.

Windows® 2000

- Click Start > Control Panel > Network and Dial-up Connection. Right-click Local Area Connection then click Properties.
- Select Internet Protocol (TCP/IP), then click Properties.

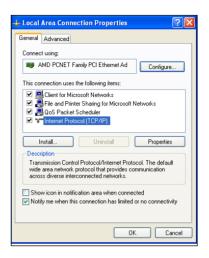


- Select Obtain an IP address automatically if you want the IP settings to be assigned automatically. Otherwise, select Use the following IP address. Key in an IP address, Subnet mask, and Default gateway.
- Select Obtain DNS server address automatically if you want the DNS server settings to be assigned automatically. Otherwise, select Use the following DNS server addresses: and key in the Preferred and Alternate DNS server.
- 5. Click OK.



Windows® XP

 Click Start > Control Panel > Network Connection.
 Right-click Local Area Connection then select Properties.



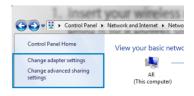
- Select Internet Protocol (TCP/IP), then click Properties.
- 3. Select Obtain an IP address automatically if you want the IP settings to be assigned automatically. Otherwise, select Use the following IP address. Key in an IP address, Subnet mask, and Default gateway.
- Select Obtain DNS server address automatically if you want the DNS server settings to be assigned automatically. Otherwise, select Use the following DNS server addresses: and key in the Preferred and Alternate DNS server.
- 5. Click OK.



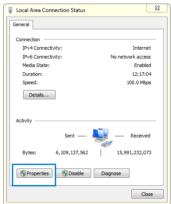
Windows® 7

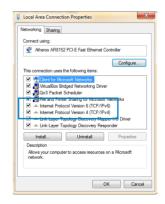
- Click Start > Control Panel > Network and Internet > Network and Sharing Center > Change adapter settings.
- On the Network Connections window, click on Local Area Connection.
- On the Local Area Connection Network Status window, click Properties.

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









- Select Obtain an IP address automatically if you want the IP settings to be assigned automatically. Otherwise, select Use the following IP address. Key in an IP address, Subnet mask, and Default gateway.
- Select Obtain DNS server address automatically if you want the DNS server settings to be assigned automatically. Otherwise, select Use the following DNS server addresses: and key in the Preferred and Alternate DNS server.
- 7. Click OK.

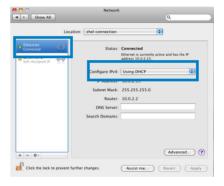


MAC OSX

 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.



4 Network configuration using the web GUI

Logging into the router web GUI

The router's web Graphical User Interface (web GUI) provides access to the Network Map and EZQoS Bandwidth Management features.

To access the web GUI:

1. Launch a web browser and key in the wireless router's IP address.



- In Router Mode, the router's IP address is 192.168.1.1
- In AP mode, use the Device Discovery Utility to find the wireless router's IP address. Please refer to the section **Using** the **Utilities** in this manual for using Device Discovery.



2. On the login page, key in the default user name (**admin**) and password (**admin**).

3. From the main page, click the navigation menu or links to configure the various features of the ASUS wireless router.



Using the Network Map

Network Map allows you to view the status and configure the connection settings of the Internet, system, and clients in your network. It enables you to quickly set up your Wide Area Network (WAN) using the Quick Internet Setup (QIS) feature, or to quickly set up your Local Area Network (LAN) using the WPS Wizard.



For more details on the WPS Wizard, refer to the section **WPS Wizard** in the **Using the Utilities** section of this user manual.

To view the status or configure the settings, click any of these icons displayed on the main page:

lcon	Description
	Internet status
880	Click this icon to display information on the Internet connection status, WAN IP address, DNS, connection type, and gateway address. From the Internet status screen, use the Quick Internet Setup (QIS) feature to quickly set up your WAN.
	System status
	Click this icon to display information on the SSID, authentication and encryption methods, LAN IP, MAC address, or turn the wireless radio on/off. Enable WPS mode from the System status screen.
	Client status
	Click this icon to display information about the clients or computers on the network. You can also block/unblock wireless access for clients on the network.

Creating multiple SSID profiles

This wireless router allows you to create multiple SSID profiles for specific tasks.

To create an SSID profile:

1. Under System status, click Add.



2. Configure the profile settings, then click **Add**.



Managing bandwidth with EzQoS

EzQoS Bandwidth Management enables you to set the bandwidth priority and manage the network traffic.



To configure bandwidth priority:

1. Click **EzQoS Bandwidth Management** from the navigation menu on the left side of your screen.

2. Click each of these four applications to set bandwidth priority:

lcon	Description
	Gaming Blaster The router handles gaming traffic as first priority.
	Internet Application The router handles e-mail, web browsing, and other Internet applications traffic as first priority.
	FTP The router prioritizes upload and download activity to an FTP server.
·A.	Voip/Video Streaming The router prioritizes audio/video traffic.

3. Click Save to save configuration settings.

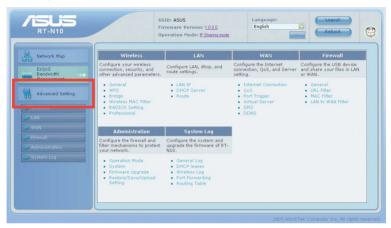
Upgrading the firmware



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

To upgrade the firmware:

1. Click **Advanced Setting** from the navigation menu on the left side of your screen.



- 2. Under the **Administration** menu, click **Firmware Upgrade**.
- 3. In the **New Firmware File** field, click **Browse** to locate the new firmware on your computer.
- 4. Click **Upload**. The uploading process takes about three minutes.

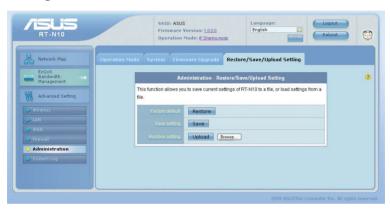


If the upgrade process fails, use the Firmware Restoration utility to restore the system. For details on this utility, refer to the section **Firmware Restoration** in this user manual.

Restoring/Saving/Uploading settings

To restore/save/upload the settings:

- 1. Click **Advanced Setting** from the navigation menu on the left side of your screen.
- 2. Under the Administration menu, click **Restore/Save Upload Setting**.



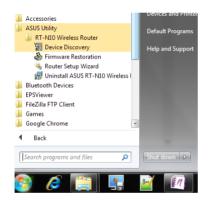
- 3. Select the tasks that you want to do:
 - To restore to the default factory settings, click **Restore**, and click **OK** once prompted.
 - To save the current system settings, click Save, navigate to the folder where you intend to save the file and click Save.
 - To restore from a saved system settings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

5 Using the utilities



ASUS wireless router utilities can be downloaded from http://support.asus.com

After downloading and installing the setup file for the ASUS wireless utilities, the Device Discovery and Firmware Restoration utilities will be added to your applications.



Device Discovery

Device Discovery is an ASUS WLAN utility that detects any ASUS wireless routers available on the wireless network and allows you to configure the device.

To launch the Device Discovery utility:

 Click Start > All Programs > ASUS Utility > RT-N10 Wireless Router > Device Discovery.



- Click Configure to access the web GUI and configure the wireless router.
- Click Search to search for ASUS wireless routers within range.
- Click Exit to close the application.

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.
- From your computer's desktop, click
 Start > All Programs > ASUS Utility > RT-N10 Wireless
 Router > Firmware Restoration.



4. Click **Browse** to navigate to the 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.

WPS Wizard

Wi-Fi Protected Setup (WPS) is a wireless security standard for easily adding and securing computers and other devices to a wireless network. Before using the WPS Wizard, make sure the wireless device has a Wi-Fi certified LAN adapter and supports WPS.

Windows® Operating Systems and ASUS wireless LAN cards supporting WPS:

OS Support	Wireless Adapter Support
Windows® 7™	Intel® wireless LAN card
	ASUS USB-N13 with UT v4.1.1.0 or later
	ASUS PCE-N13 with UT v4.0.6.0 or later
	ASUS USB-N10 with UT v1.0.0.9 or later
Windows® XP™ SP3	Intel® wireless LAN card
	ASUS USB-N13 with UT v4.1.1.0 or later
	ASUS PCE-N13 with UT v4.0.6.0 or later
	ASUS USB-N10 with UT v1.0.0.9 or later
Windows® 2000	Intel® wireless LAN card
	ASUS USB-N13 with UT v4.1.1.0 or later
	ASUS PCE-N13 with UT v4.0.6.0 or later
	ASUS USB-N10 with UT v1.0.0.9 or later

To use WPS Wizard:

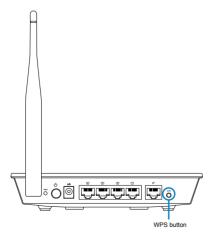
1. Follow the onscreen instructions to set up your hardware. When done, click **Next**.





Use the WPS Wizard with one wireless client at a time. If the wireless client cannot discover the wireless router, move the client closer to the router.

2. Press the WPS button on your router.



3. On the WPS Wizard, click **Next** to continue.





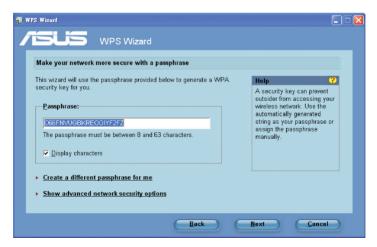
- When running WPS, the Internet connection pauses briefly then reestablishes the connection.
- If the WPS button is pushed without running the WPS Wizard, the WPS LED indicator flashes and Internet connection pauses briefly and then reestablishes the connection.

4. Key in desired network name or SSID (Service Set Identifier). When done, click **Next**.



5. Create and key in a passphrase consisting of 8-63 characters or use the automatically generated passphrase then click **Next**.

A passphrase is a sentence, phrase, or sequence of alphanumeric characters used to generate a security key.



 When finished, click Save or print settings for future reference or Save settings to a USB flash drive to add other devices to the network. Click Next to connect to the Internet.





For more details on adding devices to the network using a USB flash drive, refer to the section **Adding network devices using a USB flash drive**.

7. You have connected to the wireless router. If you want to configure Internet settings, click **Setup**. Click **Finish** to close the WPS Wizard.

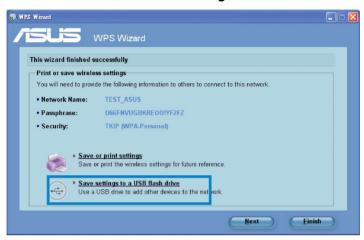


Adding network devices using a USB flash drive

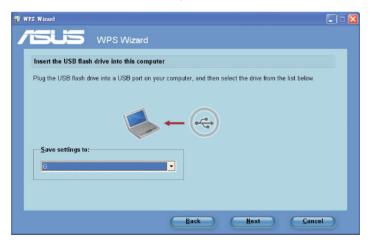
With the WPS utility, you can add devices to your network using a USB flash drive.

To add network devices using a USB flash drive:

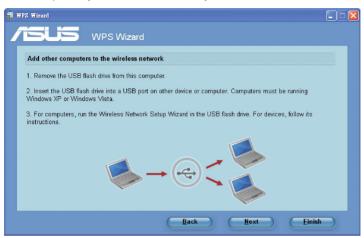
1. In the WPS Wizard, click **Save settings to a USB flash drive**.



2. Insert a USB flash drive into your computer's USB port, then select the drive from the dropdown list. Click **Next**.



3. Unplug the USB flash drive from your computer then insert it to the computer you want to add to your wireless network.



4. Double-click **SetupWireless.exe** on the USB drive to run it. Click **Yes** to add the computer to the wireless network.



5. Click **OK** to exit the **Wireless Network Setup Wizard**.



6 Troubleshooting

Troubleshooting



If you encounter problems that are not mentioned in this chapter, contact ASUS Technical Support.

I cannot access the router web GUI for configuring the router.

- Delete the cookies and temporary files in your web browser. To do this in Internet Explorer 8:
 - 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**.



Instructions for deleting cookies and temporary Internet files vary with the web browser.

 Disable the proxy server settings, remove any dial-up connections, and set the TCP/IP settings to obtain IP addresses automatically.

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 settings in the wireless adapter such as SSID and encryption method.

Cannot access the Internet using a wireless LAN adapter.

- Place 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 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 off, switch Ethernet cables and try again.

The ADSL Modem "Link" light is ON (steady and not blinking) and means Internet access is possible, but I still cannot browse the Internet.

- Restart your computer.
- 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 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.

You forgot the SSID (network name) or encryption keys.

- Set up a wired connection and reconfigure the wireless security settings.
- Press the Reset button at the rear panel of the wireless router for more than five seconds.

How do you 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 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

I cannot use 192.168.1.1 to enter the web GUI

Check the router's operation mode:

- In Router mode, the default IP address is 192.168.1.1
- In AP mode, use the Device Discovery utility to find the router's IP address.

ASUS DDNS Service

RT-N10 routers support the ASUS DDNS service. If you have registered for the ASUS DDNS service but need to exchange devices at the service center, inform the service center that you want to keep the original domain name and 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 the hostname is available, 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. Internet connection is available.
- 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 so I can access my HTTP and FTP servers separately?

No, you cannot. You can only register one domain name for one router. You can 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 times for updating IP addresses.

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

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/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 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.



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 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.

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 Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The 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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Region	Country	Hotline Number	Service Hours
	Cyprus	000 00404	09:00-13:00;
		800-92491	14:00-18:00 Mon-Fri
	France	0033-170949400	09:00-18:00 Mon-Fri
		0049-1805010920	
	Germany	0049-1805010923	09:00-18:00 Mon-Fri
		(component support)	10:00-17:00 Mon-Fri
		0049-2102959911 (Fax)	
	Hungary	0036-15054561	09:00-17:30 Mon-Fri
	Italy	199-400089	09:00-13:00;
	italy	177 400007	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
Europe	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
	Ukraine	0038-0445457727	09:00-18:00 Mon-Fri

Region	Country	Hotline Numbers	Service Hours
	Australia	1300-278788	09:00-18:00 Mon-Fri
	New Zealand	0800-278788	09:00-18:00 Mon-Fri
	Japan	0800-1232787	09:00-18:00 Mon-Fri
		0000-1232/0/	09:00-17:00 Sat-Sun
		0081-473905630	09:00-18:00 Mon-Fri
		(Non-Toll Free)	09:00-17:00 Sat-Sun
	Korea	0082-215666868	09:30-17:00 Mon-Fri
	Thailand	0066-24011717	09:00-18:00 Mon-Fri
		1800-8525201	
	Singapore	0065-64157917	11:00-19:00 Mon-Fri
Asia-Pacific		0065-67203835	11:00-19:00 Mon-Fri
		(Repair Status Only)	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	09:30-17:00 Mon-Fri
		500128 (Local Only)	9:30 – 12:00 Sat
	Vietnam	n 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

Region	Country	Hotline Numbers	Service Hours	
	Egypt	800-2787349	09:00-18:00 Sun-Thu	
	Saudi Arabia	800-1212787	09:00-18:00 Sat-Wed	
Middle	UAE	00971-42958941	09:00-18:00 Sun-Thu	
East +	Turkey	0090-2165243000	09:00-18:00 Mon-Fri	
Africa	South Africa	0861-278772	08:00-17:00 Mon-Fri	
	Israel	*6557/00972-39142800	08:00-17:00 Sun-Thu	
		*9770/00972-35598555	08:30-17:30 Sun-Thu	
	Romania	0040-213301786	09:00-18:30 Mon-Fri	
	Bosnia Herzegovina	00387-33773163	09:00-17:00 Mon-Fri	
	Bulgaria	00359-70014411	09:30-18:30 Mon-Fri	
Balkan		00359-29889170	09:30-18:00 Mon-Fri	
Countries	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	08:00-16:00 Mon-Fri	
		00368-59045401		
	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	



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

ASUS Contact information

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