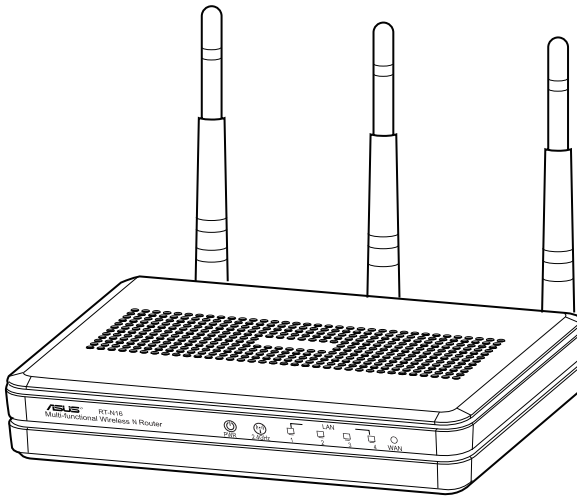




RT-N16

Multi-functional Gigabit Wireless N Router



Quick Start Guide

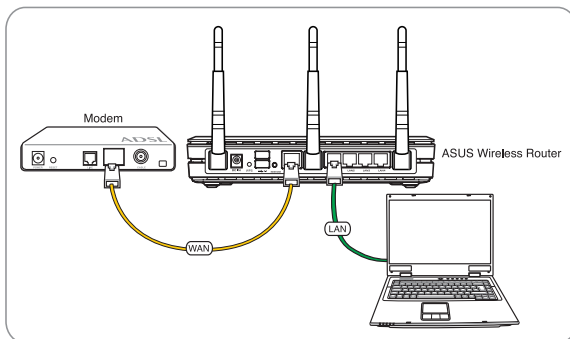
E4485 / April 2009



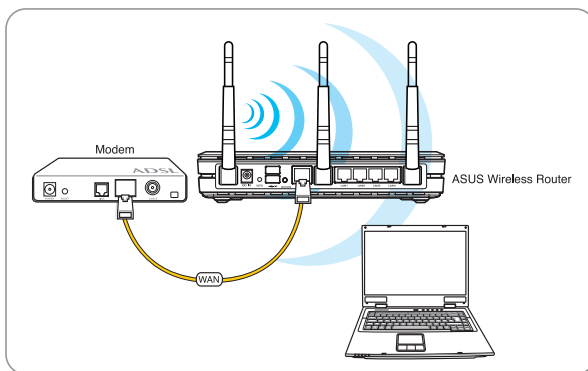


1. Setting up the hardware

Wired connection



Wireless connection



Note: For establishing a wireless connection, use an IEEE 802.11b/g/n compatible WLAN card. Refer to your wireless adapter user manual for wireless connection procedures.



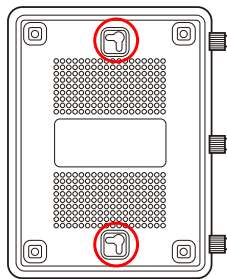


Mounting options

Out of the box, the ASUS RT-N16 Wireless Router is designed to sit on a raised flat surface like a file cabinet or a book shelf. The unit may also be converted for mounting to a wall.

To mount the ASUS RT-N16 to a wall:

1. Look on the underside for the two mounting hooks.
2. Mark two upper holes on a wall.
3. Tighten two screws until only 1/4" is showing.
4. Latch the hooks of the RT-N16 onto the screws.



Note: Re-adjust the screws if you cannot latch the ASUS Wireless Router onto the screws or if it is too loose.

2. Accessing the wireless router

Setting an IP address for wired or wireless client

To access the RT-N16 Wireless Router, you must have the correct TCP/IP settings on your wired or wireless clients. Set the IP addresses of the clients within the same subnet of RT-N16.

Getting an IP address Automatically

The ASUS Wireless Router integrates the DHCP server functions, hence, your PC can automatically obtain an IP address from the ASUS Wireless Router.



Note: Before rebooting your PC, switch ON the wireless router and ensure that the router is in ready state.





3. Configuring the wireless router

If your PC connects to the router using a cable, launch a web browser and the login page of the router's web interface automatically appears.



Note: For initial configuration, we recommend that you use wired connection to avoid possible setup problems due to wireless uncertainty.

If your PC connects to the router wirelessly, you have to select the network first.

To select the network:

1. Click **Start > Control Panel > Network Connections > Wireless Network Connection**.
2. Select a network from the **Choose a wireless network** window. Wait for it to connect.



Note: By default, the SSID of RT-N16 is **ASUS**. Connect to this default SSID.

3. After establishing a wireless connection, launch a web browser.

Configuring via the web interface

1. After setting up a wired or wireless connection, launch a web browser. The login page automatically appears.



Note: You may also manually key in the router's default IP address (**192.168.1.1**) to launch the router's web interface.

2. On the login page, key in the default user name (admin) and password (admin). The ASUS Wireless Router homepage appears. The homepage displays quick links to configure the main features of the wireless router.



Note: For more details on the features of the wireless router, refer to the user manual included in the support CD.



Setting up WAN using the Quick Internet Setup (QIS)

The Quick Internet Setup (QIS) function automatically detects the Internet connection type. It guides you in setting up your WAN when encountering special Internet connection types.

To set up your WAN using QIS:

1. Under **Internet status**, click **GO** in the **QIS** field.



2. The router supports five types of ISP services: **Automatic IP**, **PPPoE**, **PPTP**, **L2TP**, and **Static IP**. Select your connection type and follow the onscreen instructions in setting up your WAN.



Note: For more details on QIS, refer to the user manual included in the support CD.





Appendices

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.



Caution: 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.

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Version 2, June 1991

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