

Quick Installation Guide

WR3005N3

300Mbps Wireless N Router

Chapter 1. Connecting the Router

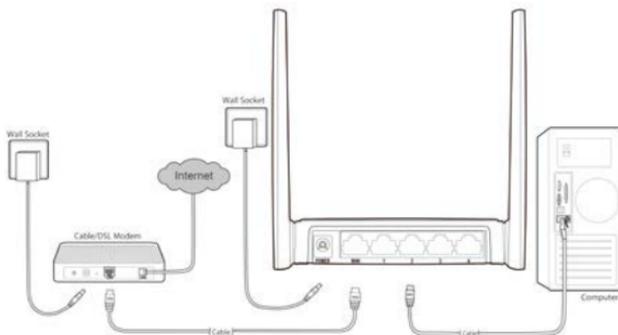
Before installing the router, you should have connected your PC to the Internet through your broadband service successfully. If there are any problems, please contact with your ISP. After that, please install the router according to the following steps. Don't forget to pull out the power plug and keep your hands dry.

- Power off your PC(s), Cable/DSL modem, and the router.
- Locate an optimum location for the router. The best place is usually near the center of the area in which your PC(s) will wirelessly connect.
- Adjust the direction of the antenna. Normally, upright is a good direction.
- Connect the power adapter to the power socket on the router, and the other end into an electrical outlet. The router will start to work automatically.

After finishing the steps above, please choose the operation mode you need and carry out the corresponding steps. There are three operation modes supported by this router: Standard Wireless Router, Repeater and WISP Client Router.

1.1 Standard Wireless Router Mode

The default mode of the router is Wireless Router. On this mode, it can be connected to Cable/DSL Modem or directly connected to a wired network with an Ethernet cable. Computers can connect to the device by both wired way through the wired port LAN and wireless way.

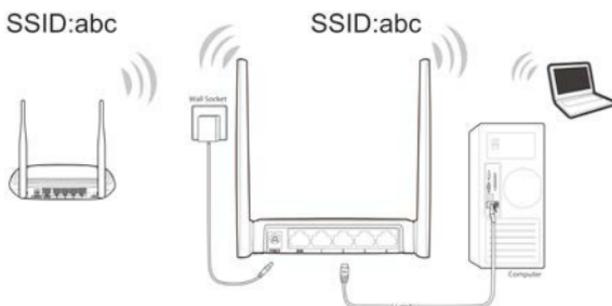


- Connect the PC(s) to the LAN Ports on the router.
- Connect the DSL/Cable Modem to the WAN port on the router.
- Power on your PC(s) and Cable/DSL modem.

1.2 Repeater Mode

The router is used to extend the range of wireless signal of the existing AP or wireless router.

On this mode, computer can connect to the device by either wired or wireless way. The SSID of the router should be the same as that of the device you repeat.

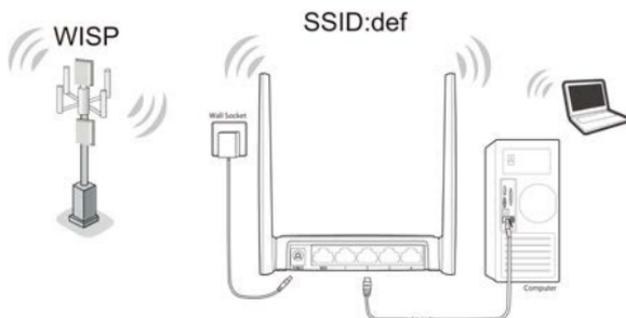


- Connect the PC(s) to the LAN Ports on the router.
- Power on the PC(s) or notebook(s).

1.3 WISP Client Router

In WISP mode, the router enables multiple users to share Internet connection from WISP.

On this mode, the LAN port devices share the same IP from WISP through Wireless port. While connecting to WISP, the Wireless port works as a WAN port at WISP Client Router mode.

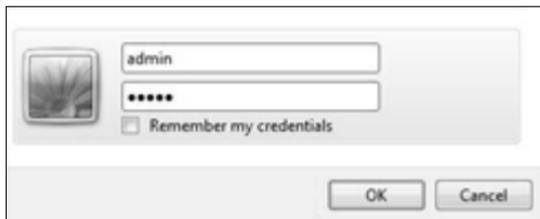


- Connect the PC(s) to the LAN Ports on the router.
- Power on the PC(s) or notebook(s).

Chapter 2. Login to the Router

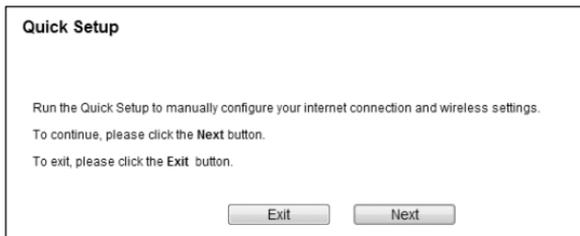
To login to the router, you should set up the TCP/IP Protocol in **Obtain an IP address automatically** mode on your PC(s). For the detailed instructions, please refer to Appendix B in the *User Guide* on the *Resource CD*.

- To access the configuration utility, open a web-browser and type in the default address **http://192.168.0.1** in the address field of the browser.
- After a moment, a login window will appear. Enter **admin** for the User Name and Password, both in lower case letters. Then click **OK** or press Enter.



Chapter 3. Connecting to the Internet

- After successful login, you can configure the router using the web browser. Please click the **Quick Setup** link on the left of the main menu and the Quick Setup screen will appear. Click **Next** to continue.



- The **Working Mode** screen will appear as shown below. Select the Working Mode Type according to your needs. Click **Next**. You can configure your device quickly by the following steps in different modes.

Working Mode

Standard Wireless Router
 Repeater
 WISP Client Router

3.1 Standard Wireless Router

When you choose Standard Wireless Router on Working Mode page, take the following steps:

- a. The Router provides Auto-Detect function and supports five popular ways to access the Internet: Dynamic IP, Static IP, PPPoE/Russian PPPoE, L2TP/Russian L2TP and PPTP/Russian PPTP. Choose your WAN connection type and click **Next**.

Quick Setup - WAN Connection Type

The Quick Setup is preparing to set up your internet connection, please choose one type below according to your ISP. The detailed description will be displayed after you choose the corresponding type.

Auto-Detect
Let the router automatically detect the internet connection type provided by your ISP.

Dynamic IP (Most Common Cases)
 Static IP
 PPPoE/Russian PPPoE
 L2TP/Russian L2TP
 PPTP/Russian PPTP

Note: For users in some areas (such as Russia, Ukraine etc.), please contact your ISP to choose connection type manually.

- I If you select Auto-Detect, the Router will automatically detect the connection type your ISP provides. The appropriate configuration page will be displayed when an active Internet service is successfully detected by the Router.
- II If **Dynamic IP** is selected, the router will automatically obtain IP parameter from your ISP. In most cases, there is no need to clone the MAC address. You can select **No, I do NOT need to clone MAC address** and then click **Next**. If it is necessary in your case, please select **Yes, I need to clone MAC address** and then click **Next**.

Quick Setup - MAC Clone

MAC(Media Access Control) address is a unique identifier that identifies your computer or device in the network. Some of the ISP's may register the MAC address of your computer which firstly connects to their services, and would not allow the Internet connection for any new computer or router. INTEX router can help you to "clone" or replicate the registered MAC address of your first computer.

In most of the cases, there is no need to clone the MAC address. But if you can't get the Internet connection after Quick Setup, please run it again and clone the MAC address for a try.

No, I do NOT need to clone MAC address.
 YES, I need to clone MAC address.

Note: please make sure your current computer is the one initially connected to your modem or ISP's device.

- III If **Static IP** is selected, the next screen will appear as shown below. Fill the blanks with the parameters provided by your ISP, and then click **Next**.

Quick Setup - Static IP

IP Address:
 Subnet Mask:
 Default Gateway:
 Primary DNS:
 Secondary DNS: (Optional)

- IV If **PPPoE/Russian PPPoE** is selected, the next screen will appear as shown below. Enter the **User Name** and **Password** provided by your ISP, and then click **Next**.

Quick Setup - PPPoE

User Name:
 Password:
 Confirm Password:

Secondary Connection:
 Disabled
 Dynamic IP
 Static IP (For Dual Access/Russia PPPoE)

- V If **L2TP/Russian L2TP** is selected, fill the blanks with the parameters provided by your ISP, and then click **Next**.

Quick Setup - L2TP

User Name:

Password:

Confirm Password:

Dynamic IP Static IP

Server IP Address/Name:

Select **Static IP** if the IP Address/ Subnet Mask/ Gateway and DNS server address have been provided by your ISP. Then please enter server IP address or domain name provided by your ISP, and also enter the corresponding parameters.

Dynamic IP Static IP

Server IP Address/Name:

IP Address:

Subnet Mask:

Gateway:

DNS:

Select **Dynamic IP** if none of the above parameters are provided. Then you just need to enter server IP address or domain name provided by your ISP.

Dynamic IP Static IP

Server IP Address/Name:

- VI If **PPTP/Russian PPTP** is selected, fill the blanks with the parameters provided by your ISP, and then click **Next**.

Quick Setup - PPTP

User Name:

Password:

Confirm Password:

Dynamic IP Static IP

Server IP Address/Name:

Select **Static IP** if the IP Address/ Subnet Mask/ Gateway and DNS server address have been provided by your ISP. Then please enter server IP address or domain name provided by your ISP, and also enter the corresponding parameters.

Dynamic IP Static IP

Server IP Address/Name:

IP Address:

Subnet Mask:

Gateway:

DNS:

Select **Dynamic IP** if none of the above parameters are provided. Then you just need to enter server IP address or domain name provided by your ISP.

Dynamic IP Static IP

Server IP Address/Name:

- b. The Wireless settings screen will appear as the following. You can rename your wireless network and create your own password in this page. Then click **Next** to continue.

Quick Setup - Wireless

Wireless Radio:

Wireless Network Name: (Also called the SSID)

Region:

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Mode:

Channel Width:

Channel:

Wireless Security:

Disable Security

WPA.PSK/WPA2.PSK

PSK Password:

(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)

No Change

- c. You will then see the **Finish** page. Click the **Finish** button to finish the **Quick Setup**.

Quick Setup - Finish

Congratulations!

The basic internet and wireless settings are finished, please click **Finish/Reboot** button and test your internet connection. If it is failed, please reboot your modem and wait 2 minutes or run the Quick Setup again.

3.2 Repeater Mode

When you choose Repeater Mode on Working Mode page, take the following steps:

- a. Wireless Repeater page will appear as shown below.

Repeater Mode Setting:

Wireless Name of Root AP: (also called SSID)

MAC Address of Root AP:

You can click the Survey button to scan the network SSIDs, and then choose the target one to setup the connection.

Region:

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Wireless Security Mode:

All security settings, for example the wireless password should match the Root AP.

Wireless Password:

You can enter ASCII or Hexadecimal characters. For Hexadecimal, the length should be between 8 and 64 characters; for ASCII, the length should be between 8 and 63 characters. For good security it should be of ample length and should not be a commonly known phrase.

- b. Click **Survey** button on the Wireless Repeater page, and then AP List page will appear. Find the SSID of the Access Point you want to access, and click **Connect** in the corresponding row. For example, the second item is selected. The target network's SSID will be automatically filled into the corresponding box.

AP List						
AP Count: 7						
ID	BSSID	SSID	Signal	Channel	Security	Choose
1	D0-C7-C0-D4-4F-90	OTTD	9dB	1	WPA-PSK/WPA2-PSK	Connect
2	0C-72-2C-CC-1D-AE	yinct - 3(10,4Min)	9dB	1	WPA-PSK/WPA2-PSK	Connect
3	00-23-CD-3C-DE-80	HuiFone	8dB	8	WPA-PSK/WPA2-PSK	Connect
4	E8-DE-27-7A-A9-4A	Test_John	8dB	1	WPA2-PSK	Connect
5	00-0A-EB-13-1B-02	ABC	6dB	10	WPA2-PSK	Connect
6	00-17-13-16-BF-74	VONETS_16BF74	6dB	10	WPA-PSK	Connect
7	6C-E8-73-FE-17-4E	GD-TEST	6dB	6	WPA-PSK	Connect

[Back](#) [Refresh](#)

- c. Click **Next** button, and then **DHCP Server** page will appear as shown below. You can configure the LAN IP parameters on this page.

DHCP Server: Disable Enable

In most of the cases your root AP/Router has enabled DHCP server function, we highly recommended that you disable DHCP server function on this device to void any unpredictable problems.

IP Address:

Subnet Mask:

We recommend you configure this AP with the same IP subnet and subnet mask, but different IP address from your root AP/Router.

Change the login account: NO YES

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- d. Click the **Next** button. You will then see the **Finish** page. Click the **Reboot** button to make your wireless configuration take effect and finish the Quick Setup.

Quick Setup - Finish

Congratulations!

The basic internet and wireless settings are finished, please click **Finish/Reboot** button and test your internet connection.

If it is failed, please reboot your modem and wait 2 minutes or run the Quick Setup again.

The change of working mode config will not take effect until this device reboot.

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3.3 WISP Client Router Mode

When you choose WISP Client Router Mode on Working Mode page, take the following steps:

- The Router supports five popular ways to access the Internet: Dynamic IP, Static IP, PPPoE/Russian PPPoE, L2TP/Russian L2TP and PPTP/Russian PPTP. Choose your WAN connection type and click **Next**. For advanced settings, please refer to [3.1 Standard Wireless Router](#).

Quick Setup - WAN Connection Type

The Quick Setup is preparing to setup your internet connection, please choose one type below according to your ISP. The detailed description will be displayed after you choose the corresponding type.

Dynamic IP (Most Common Cases)

Static IP

PPPoE/Russian PPPoE

L2TP/Russian L2TP

PPTP/Russian PPTP

Note: For users in some areas (such as Russia, Ukraine etc.), please contact your ISP to choose connection type manually.

- Click the **Next** button. You can configure the basic settings for the wireless network on this page.

Quick Setup - Wireless

Client Setting

SSID:

BSSID: Example: 00-10-0F-11-22-33

Key type:

WEP Index:

Auth type:

Password:

AP Setting

Local SSID:

Wireless Security Mode:

Wireless Password:

You can enter ASCII or Hexadecimal characters. For Hexadecimal, the length should be between 8 and 64 characters, for ASCII, the length should be between 8 and 63 characters. For good security it should be of ample length and should not be a commonly known phrase.

- Click **Survey** button on the Wireless page, and then AP List page will appear as shown below. Find the SSID of the Access Point you want to access, and click **Connect** in the corresponding row. For example, the second item is selected. The target network's SSID will be automatically filled into the corresponding box. Then click **Next**.

AP List						
ID	BSSID	SSID	Signal	Channel	Security	Choose
1	D0-C7-C0-D4-4F-90	OTTD	9dB	1	WPA-PSK/WPA2-PSK	Connect
2	0C-72-2C-CC-1D-AE	yinct - 3(10,4Min)	9dB	1	WPA-PSK/WPA2-PSK	Connect
3	00-23-CD-3C-DE-80	HuiFone	8dB	8	WPA-PSK/WPA2-PSK	Connect
4	E8-DE-27-7A-A9-4A	Test_John	8dB	1	WPA2-PSK	Connect
5	00-0A-EB-13-1B-02	ABC	6dB	10	WPA2-PSK	Connect
6	00-17-13-16-BF-74	VONETS_16BF74	6dB	10	WPA-PSK	Connect
7	6C-E8-73-FE-17-4E	GD-TEST	6dB	6	WPA-PSK	Connect

- d. The Finish page is shown below. Click the **Reboot** button to make your wireless configuration take effect and finish the Quick Setup.

Quick Setup - Finish
<p>Congratulations!</p> <p>The basic internet and wireless settings are finished, please click Finish/Reboot button and test your internet connection.</p> <p>If it is failed, please reboot your modem and wait 2 minutes or run the Quick Setup again.</p> <p>The change of working mode config will not take effect until this device reboot.</p> <p> <input type="button" value="Back"/> <input type="button" value="Reboot"/> </p>

