

TP-LINK®

300M Wireless N Gigabit Router
Model No. TL-WR1043N / TL-WR1043ND

Status

Quick Setup

QSS

Network

- LAN

- WAN

- MAC Clone

Wireless

DHCP

Network Sharing

Forwarding

Security

Parental Control

Access Control

Advanced Routing

Bandwidth Control

IP & MAC Binding

Dynamic DNS

System Tools

WAN

WAN Connection Type:

PPPoE

Detect

PPPoE Connection:

User Name:

username

Password:

.....

Secondary Connection:

☒ Disabled

☐ Dynamic IP

☐ Static IP

Wan Connection Mode:

☐ Connect on Demand

Max Idle Time: 15 minutes (0 means remain active at a

☒ Connect Automatically

☐ Time-based Connecting

Period of Time: from 0 : 0 (HH:MM) to 23

☐ Connect Manually

Max Idle Time: 15 minutes (0 means remain active at a

Connect

Disconnect

Disconnected!

Save

Advanced

WAN Help

WAN Connection Type:

If your ISP is running a DHCP service, select the **Dynamic IP** option.

If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway, and DNS setting, select the **Static IP** option.

If your ISP provides a PPPoE connection, select **PPPoE** option.

If your ISP provides BigPond Cable (Heart Beat Signal) connection, please select **BigPond Cable** option.

If your ISP provides L2TP connection, please select **L2TP** option.

If your ISP provides PPTP connection, please select **PPTP** option.

Note: If you don't know how to choose an appropriate connection type, click the **Detect** button to allow the Router to automatically search your Internet connection for servers and protocols. The connection type will be reported when an active Internet service is successfully detected by the Router. This report is for your reference only. To make sure the connection type your ISP provides, please refer to the ISP. The various types of Internet connections that the Router can detect are as follows:

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DHCP Settings

DHCP Server: ☐ Disable ☒ Enable

Start IP Address: 192.168.1.100

End IP Address: 192.168.1.199

Address Lease Time: 120 minutes (1~2880 minutes, the default value is 120)

Default Gateway: 192.168.1.1 (optional)

Default Domain: (optional)

Primary DNS: 189.14.192.73 (optional)

Secondary DNS: 189.14.192.74 (optional)

Save

DHCP Settings Help

The Router is set up by default DHCP (Dynamic Host Configuration Protocol) server, which provides TCP/IP configuration for all the PCs are connected to the Router in the LAN.

- **DHCP Server - Enable or Disable** - Enable the server. If you disable the server, you must have another DHCP server within your network or else you must configure the IP address of the computer manually.
- **Start IP Address** - This specifies the first address in the Address pool. 192.168.1.1 is the default start IP address.
- **End IP Address** - This specifies the last address in the Address pool. 192.168.1.199 is the default end IP address.
- **Address Lease Time** - Address Lease Time is the amount of time a network user will be allowed to keep connecting to the Router with the current IP Address. Enter the amount of time in minutes, that the DHCP address will be "leased". The time range is 1~2880 minutes. The default value is 120 minutes.
- **Default Gateway** - (Optional) Suggest to input the IP Address of the LAN port of the Router, the default value is 192.168.1.1.
- **Default Domain** - (Optional)

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- Wireless Security

- Wireless MAC Filtering

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- Wireless Statistics

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Wireless Settings

SSID: usuariodetal

Region: Brazil

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

Channel: 9

Mode: 11bg mixed

Channel Width: 20MHz

Max Tx Rate: 54Mbps

☒ Enable Wireless Router Radio☒ Enable SSID Broadcast☐ Enable WDS

Save

Wireless Settings Help

Note: The operating distance or range of your wireless connection is significantly based on the placement of the Router. For best results, place your Router.

- Near the center of the area in which your wireless station will operate.
- In an elevated location such as a high shelf.
- Away from the potential source of interference, such as microwaves, and cordless phones.
- With the Antenna in the upright position.
- Away from large metal surfaces.

Note: Failure to follow these guidelines can result in significant performance degradation or inability to wirelessly connect to the Router.

SSID - Enter a value of up to 32 characters. The same Name (SSID) must be assigned to all wireless devices on your network.

Region - Select your region from the drop down list. This field specifies the region where the wireless function of the Router can be used. It may be illegal to use the wireless function of the Router in a region other than one of those specified in the list. If your country or region is not listed, select the closest one.

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- **Wireless Security**

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Key 3: ☐

Disabled

Key 4: ☐

Disabled

☐ **WPA/WPA2**

Version:

Automatic

Encryption:

Automatic

Radius Server IP:

Radius Port:

1812

(1-65535, 0 stands for default port 1812)

Radius Password:

Group Key Update Period:

0

(in second, minimum is 30, 0 means no up

☒ **WPA-PSK/WPA2-PSK**

Version:

Automatic

Encryption:

Automatic

PSK Password:

asdfasdfsdf

(You can enter ASCII characters between 8 and 63 or Hexad

Group Key Update Period:

0

(in second, minimum is 30, 0 means no up

Save

Wireless Security Help

You can select one of the following security options:

- **Disable Security** - The wireless security function can be enabled or disabled. If disabled, wireless stations will be able to connect the Router without encryption. It is recommended that you choose one of the following options to enable security.
- **WEP** - Select 802.11 WEP security.
- **WPA-PSK** - Select WPA based on a pre-shared passphrase.
- **WPA** - Select WPA based on a Radius Server.

Each security option has its own security as described follows,

WEP

Type - You can select one of the following types,

- **Automatic** - Select **Shared Key** authentication. The router will automatically select the authentication type based on the wireless station's capability.
- **Shared Key** - Select **Shared Key** authentication.
- **Open System** - Select **Open System** authentication.

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System Tools

- Time Settings

- Diagnostic

- Firmware Upgrade

- Factory Defaults

- Backup & Restore

- Reboot

- Password

- System Log

- Statistics

Reboot

Click this button to reboot the device.

Reboot

Reboot Help

Click the **Reboot** button to reboot the device.

Some settings of the Router will take effect only after rebooting, which include:

- Change the LAN IP Address (system will reboot automatically).
- Change the DHCP Settings.
- Change the Wireless configuration.
- Change the Web Management.
- Upgrade the firmware of the router (system will reboot automatically).
- Restore the Router's settings to factory defaults (system will reboot automatically).
- Update the configuration with the backup file (system will reboot automatically).

