




# Configuring a TPLINK Router

TP Link Archer AC1200 Basic  
Configuration Steps

# Configuring Your Router

## STEP 1 (a): Connect Your PC to the Router

- Unbox the router and power up the router.
- Connect the Act internet cable to the WAN/Internet port (different colored port) of the router.
- An extra LAN cable will be available with the router, connect one end of LAN cable to the LAN port (1-4) of the router (any one port) and one end to the PC or Laptop.
- In the system press  key & R key together  +  to open Run dialog box.
- Type ipconfig on the command prompt (Black screen). The default gateway of the LAN or Ethernet adapter will be the Router address. (Ex:192.168.0.1)

```
C:\Users\USER>ipconfig
Windows IP Configuration

Wireless LAN adapter Wireless Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : ATRIA

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . :
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
```


## **STEP 1 (b): Connect Your Mobile**

- Switch on the router and connect ACT internet cable to the WAN/Internet port of the router
- Go to setting in the Mobile, turn on Wi-Fi and wait until the mobile detects router name press the router name to connect.
- If the router is already configured and the Wi-Fi password is known then go to settings in the Mobile
- Under “Wireless and Networks”, press Wi-Fi make sure "Wi-Fi" is turned on.
- Wait until the mobile detects router name press the router name if prompted enter the Wi-Fi password and press Connect.

## NOTE

- Every Router Configuration has two parts
  - Configuring the Internet Part, where we tell the Router how to connect to the internet.
  - Configuring the Wi-Fi Part, where we decide the name and password with which we connect to the Router
- Internet Configuration shown here will guide to configure the Router in PPPoE.
  - This will enable you to browse internet directly, every time you connect to the router. No need to login again and again.
- Wi-Fi Configuration has also been given, in order to ease the process of you connecting to the Router
  - SSID and Password Creation have been explained
  - Few high end routers have two bands to work on – 2.4 GHz and 5 GHz
  - 2.4 GHz band provides higher range, but lesser speed.
  - 5 GHz band provides lower range, but higher speed.
  - Changing Different Wi-Fi Channels – Helps in reducing Slow Speed Issues.

## STEP 2: Logging into the Router

- Open a browser  Enter the below IP Address in the Address Bar. A login page appears. The usual usernames and passwords are given in the table below.

Router Name	IP Address	Username	Password
Cisco or Linksys	192.168.1.1	admin	admin
D-Link	192.168.0.1	admin	(blank)
TP-Link	192.168.0.1	admin	admin
Net gear	192.168.1.1	admin	password
Belkin	192.168.2.1	Click on Login in Home	(blank)
Tenda	192.168.0.1	admin	admin
i-Ball Baton	192.168.1.1	admin	admin
Digisol	192.168.2.1	admin	1234 or admin
Asus	192.168.1.1	admin	admin

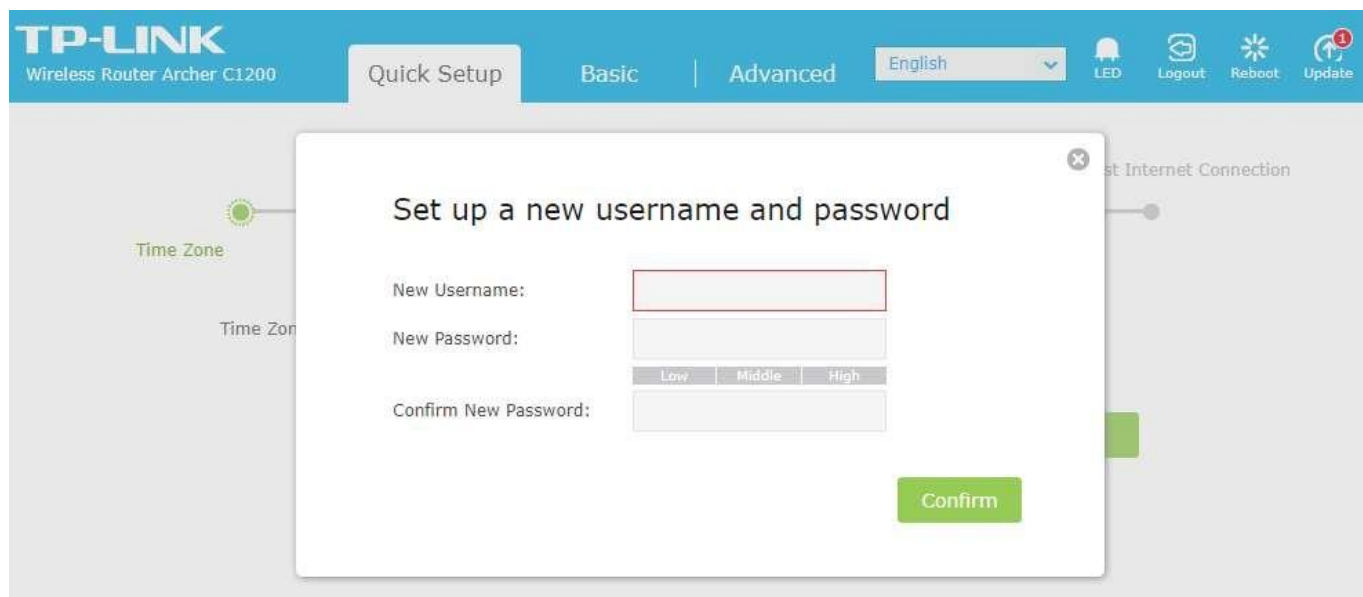
- If all the above credentials do not work, please check the back of the router where the username and password will be mentioned.

### STEP 3(a): Internet Connectivity – PPPoE Configuration

Step 1 : Open any web browser

Step 2 : Type Router page address on the address bar (192.168.0.1)

Step 3 : Login with credentials (admin/password)



The screenshot displays the TP-LINK Archer C1200 router's web interface. The top navigation bar includes the TP-LINK logo, the model name 'Wireless Router Archer C1200', and tabs for 'Quick Setup', 'Basic', and 'Advanced'. A language dropdown menu is set to 'English'. On the right side of the navigation bar, there are icons for 'LED', 'Logout', 'Reboot', and 'Update'. The main content area shows a 'Set up a new username and password' dialog box with the following fields:

- New Username:
- New Password:   
Low | Middle | High
- Confirm New Password:

A green 'Confirm' button is located at the bottom right of the dialog box. The background of the router interface is partially visible, showing a 'Time Zone' section.

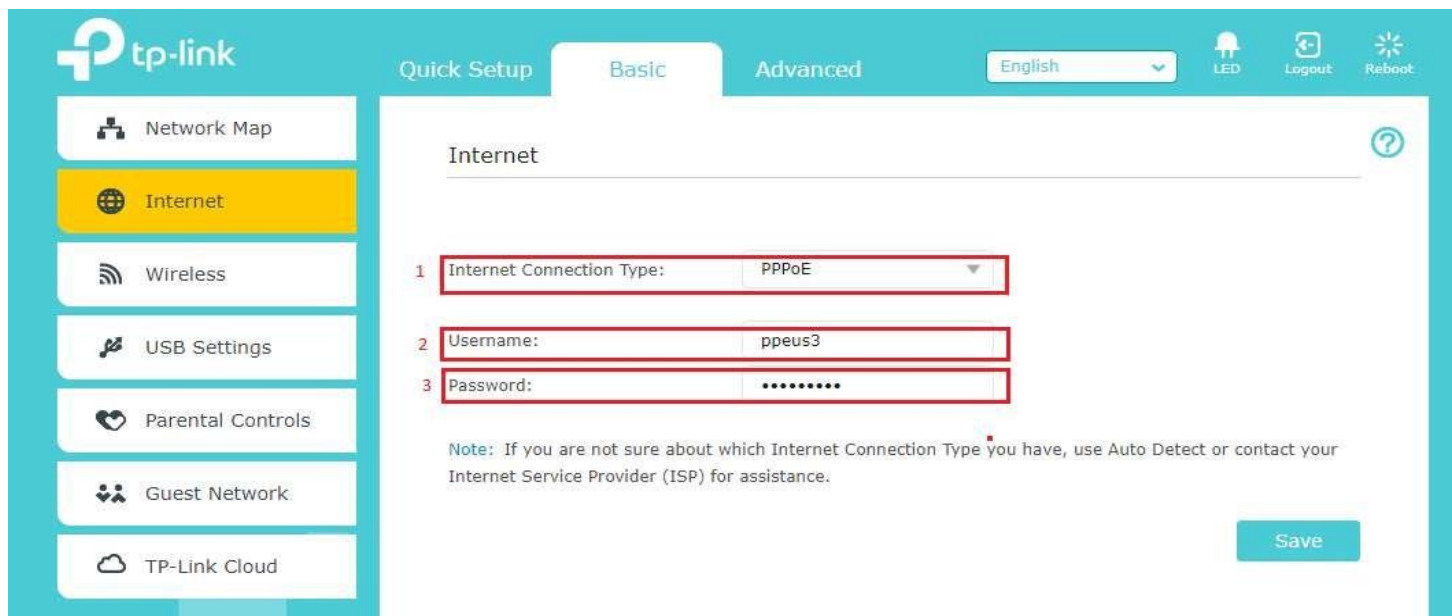
## STEP 3(b): Internet Connectivity – PPPoE Configuration

Step 1: Select the PPPOE and click next

Step 2: Enter the portal username in the PPPoE username field

Step 3: Enter the portal password In the PPPoE password

Step 4: Click on Save



The screenshot displays the TP-Link web interface for configuring Internet connectivity. The 'Internet' tab is selected, and the 'Internet Connection Type' is set to 'PPPoE'. The 'Username' field contains 'ppeus3' and the 'Password' field is masked with dots. A 'Save' button is visible at the bottom right.

Internet

- 1 Internet Connection Type: PPPoE
- 2 Username: ppeus3
- 3 Password: .....

Note: If you are not sure about which Internet Connection Type you have, use Auto Detect or contact your Internet Service Provider (ISP) for assistance.

Save

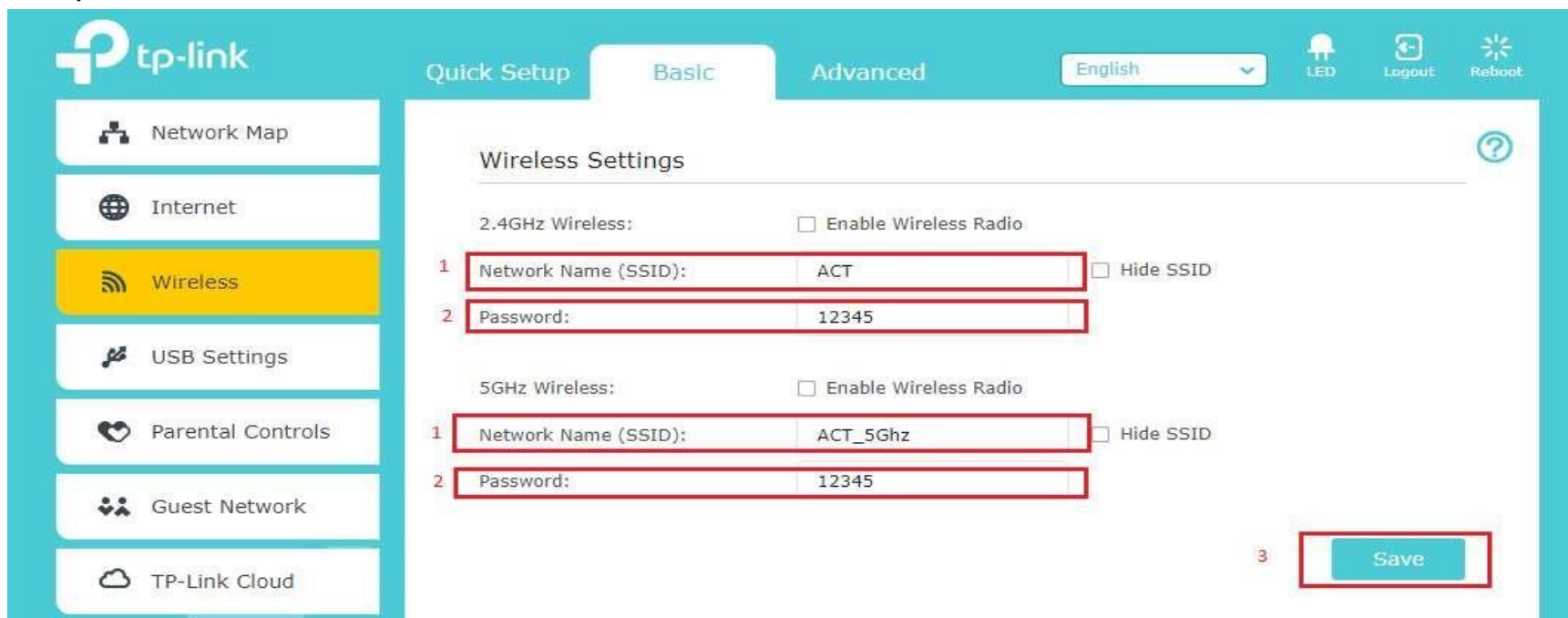
## STEP 4: Wi-Fi Connectivity – Router SSID/Password Configuration

Step 1: Type in your preferred Wi-Fi name in SSID (Network name dialog box) and give different name

For both 2.4 GHz & 5 GHz.

Step 2: Type in your desired password

Step 3: click on Save



The screenshot displays the TP-Link router's configuration interface. The 'Basic' tab is selected, and the 'Wireless Settings' section is active. The left sidebar shows the 'Wireless' option highlighted. The configuration is as follows:

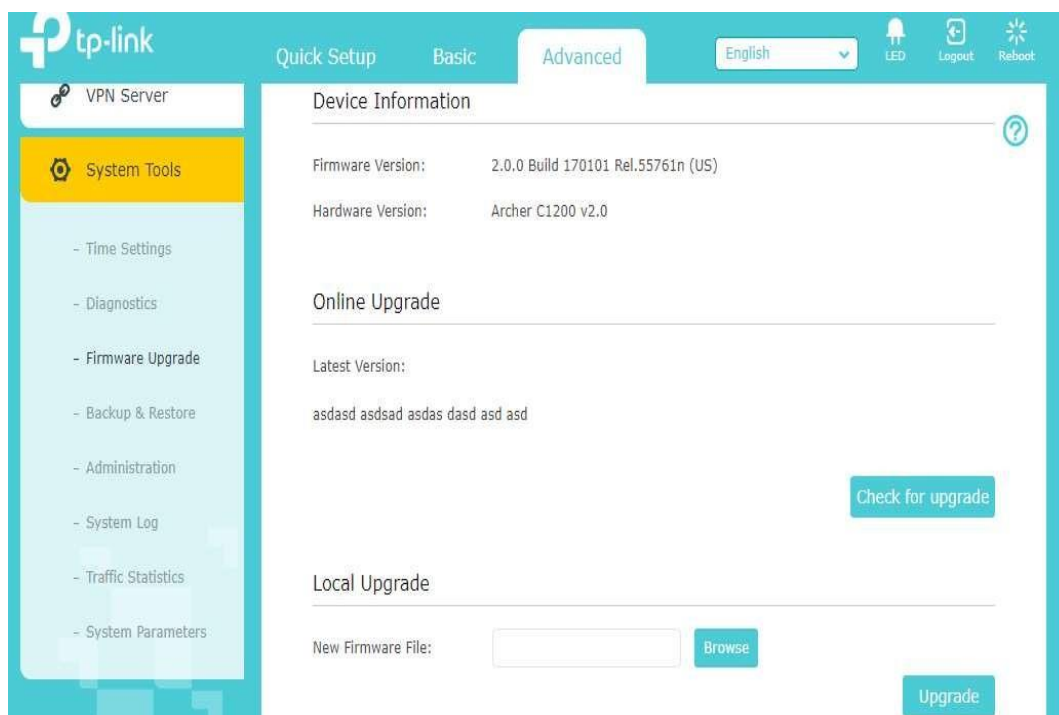
Band	Enable Wireless Radio	Network Name (SSID)	Hide SSID	Password
2.4GHz	<input type="checkbox"/>	ACT	<input type="checkbox"/>	12345
5GHz	<input type="checkbox"/>	ACT_5Ghz	<input type="checkbox"/>	12345

A 'Save' button is located at the bottom right of the configuration area, highlighted with a red box and labeled with the number '3'.



## STEP 5 (As and when required): Firmware upgrade

System Tools > firmware upgrade > upload the new firmware file > upgrade firmware





You can choose to download a Firmware version and then upload it offline or choose to download directly from internet itself.



## Changes to be made after Configuration

- If the Wi-Fi password is changed, we need to update the password in all the devices to get connected to the Internet.
- Changes in PC
  - **Windows 7:** Click on Windows button → click on Control Panel → click on Network and Internet → click on Network and Sharing Centre.
  - In the Tasks pane(Left side of screen), click Manage wireless networks
  - Right-click the router name → click Remove network → click on OK.
  - Click on Network icon(right bottom corner next to system Time), click on Router name and enter the new Wi-Fi password and Connect.

- Changes in PC
  - **Win 8, 8.1:** Click on Network icon(right bottom corner next to system Time), Right click on Router name click on “Forget this network”. Again click on Router name, enter the new Wi-Fi password and Connect.
  - **Win 10:** Click on Network icon(right bottom corner next to system Time), click on Network settings under Wi-Fi click on Manage known Networks  Click on your Router name and Click on Forget, and again click on Network icon  click on Router name enter the new Wi-Fi password and Connect
- Mobile or Tablet
  - Go to ‘Settings’ in Mobile, turn on Wi-Fi and long press on your Router name and press “Forget network”. Again press the router name. You will be prompted to enter the Wi-Fi password. Enter the Password and Connect.