

# A3002RU IPV6 function settings

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## A3002RU IPV6 function settings

It is suitable for: **A3002RU**

**Application introduction:** This article will introduce the configuration of IPV6 function and will guide you to configure this function correctly. In this article, we will take A3002RU as an example.

Note:

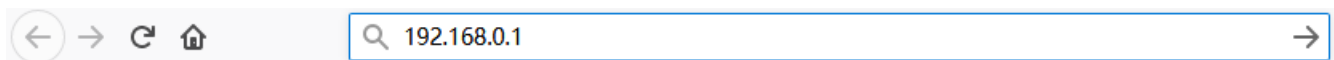
Please make sure that you are provided IPv6 internet service by your internet provider. If not, please contact with your IPv6 internet provider first.

### STEP-1:

**Make sure you have set up an IPv4 connection either manually or by using the Easy Setup wizard before setting up an IPv6 connection.**

### STEP-2:

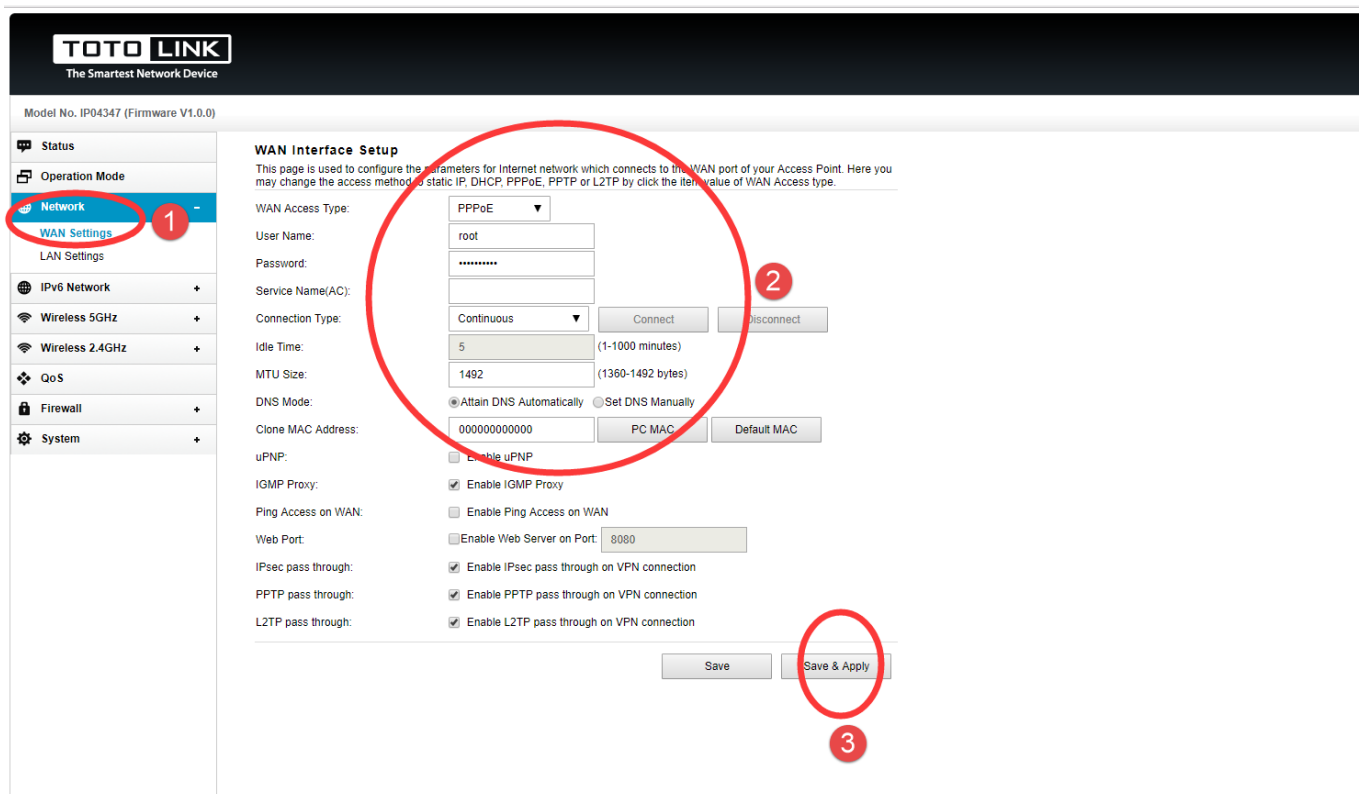
Connect your computer to the router by cable or wireless, then login the router by entering http://192.168.0.1 into the address bar of your browser.



Note: The default access address varies depending on the actual situation. Please find it on the bottom label of the product.

### STEP-3:

Please go to **Network -> WAN setting**. Select **WAN Type** and configure the IPv6 parameters (here is PPPOE as an example). Click Apply.



**TOTO LINK**  
The Smartest Network Device

Model No. IP04347 (Firmware V1.0.0)

Status  
Operation Mode  
**Network**  
WAN Settings (1)  
LAN Settings

IPv6 Network  
Wireless 5GHz  
Wireless 2.4GHz  
QoS  
Firewall  
System

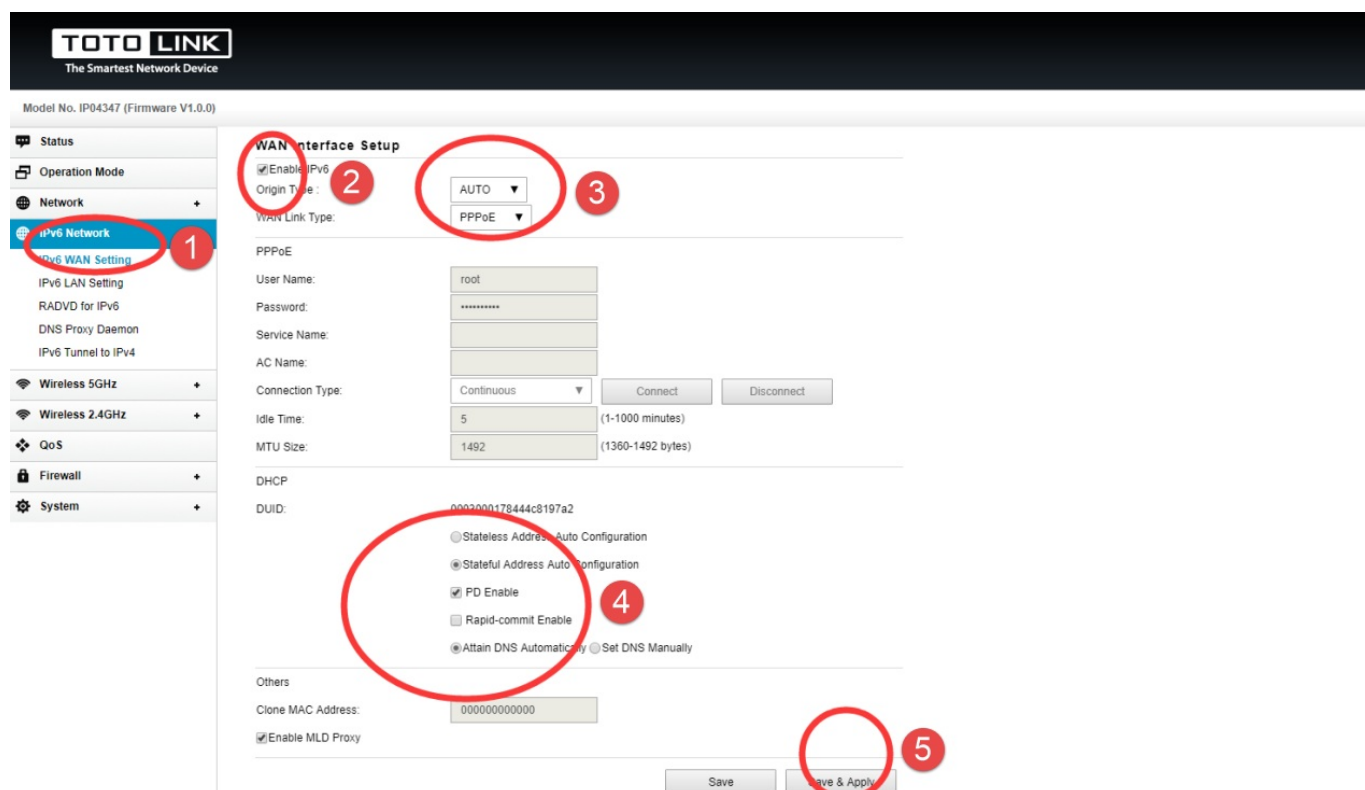
**WAN Interface Setup**  
This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.

WAN Access Type: PPPoE (2)  
User Name: root  
Password: \*\*\*\*\*  
Service Name(AC):  
Connection Type: Continuous  
Idle Time: 5 (1-1000 minutes)  
MTU Size: 1492 (1360-1492 bytes)  
DNS Mode: ☒ Attain DNS Automatically ☐ Set DNS Manually  
Clone MAC Address: 000000000000 PC MAC Default MAC  
uPNP: ☐ Enable uPNP  
IGMP Proxy: ☒ Enable IGMP Proxy  
Ping Access on WAN: ☐ Enable Ping Access on WAN  
Web Port: ☐ Enable Web Server on Port: 8080  
IPsec pass through: ☒ Enable IPsec pass through on VPN connection  
PPTP pass through: ☒ Enable PPTP pass through on VPN connection  
L2TP pass through: ☒ Enable L2TP pass through on VPN connection

Save Save & Apply (3)

#### STEP-4:

Switch to the IPV6 configuration page. The first step is to configure the IPV6 WAN setting(here is PPPOE as an example). Please note the red label.



**TOTO LINK**  
The Smartest Network Device

Model No. IP04347 (Firmware V1.0.0)

Status  
Operation Mode  
Network  
**IPv6 Network** (1)  
IPv6 WAN Setting (2)  
IPv6 LAN Setting  
RADVD for IPv6  
DNS Proxy Daemon  
IPv6 Tunnel to IPv4

Wireless 5GHz  
Wireless 2.4GHz  
QoS  
Firewall  
System

**WAN Interface Setup**  
☒ Enable IPv6 (2)  
Origin Type: AUTO (3)  
WAN Link Type: PPPoE (3)  
PPPoE  
User Name: root  
Password: \*\*\*\*\*  
Service Name: AC  
AC Name:  
Connection Type: Continuous  
Idle Time: 5 (1-1000 minutes)  
MTU Size: 1492 (1360-1492 bytes)  
DHCP  
DUID: 0002000178444c8197a2  
☐ Stateless Address Auto Configuration  
☒ Stateful Address Auto Configuration  
☒ PD Enable (4)  
☐ Rapid-commit Enable  
☒ Attain DNS Automatically ☐ Set DNS Manually  
Others  
Clone MAC Address: 000000000000  
☒ Enable MLD Proxy

Save Save & Apply (5)

#### STEP-5:

Configure RADVD for IPV6. Please keep consistent with the configuration of the picture. IPV6 only needs to be configured with "IPV6 WAN setting" and "RADVD for IPV6".

TOTO LINK

The Smartest Network Device

Model No. IP04347 (Firmware V1.0.0)

Status

Operation Mode

Network

IPv6 Network

IPv6 WAN Setting

IPv6 LAN Setting

IPv6 Proxy Daemon

IPv6 Tunnel to IPv4

Wireless 5GHz

Wireless 2.4GHz

QoS

Firewall

System

Configuring Router Advertisement

☒ Enable RADVD

☐ radvdintf

☒ AdvManagedFlag

☒ AdvOtherConfigFlag

☒ AdvSourceLLAddress

☐ UnicastOnly

☐ Enable Prefix1

☐ AdvOnLinkFlag

☐ AdvAutonomousFlag

☐ AdvRouterAddr

☐ Enable Prefix2

☐ AdvOnLinkFlag

☐ AdvAutonomousFlag

☐ AdvRouterAddr

Save

Save & Apply

default

Finally in the status bar page to see if you get the IPV6 address.

## DOWNLOAD

A3002RU IPV6 function settings – [[Download PDF](#)]