

# How to configure TCP/IP properties of my computer?

## It is suitable for : All TOTOLINK routers

#### **Application introduction:**

To enter the router's setting interface, you may enter the specified IP if you know setup your PC or set your PC to obtain an IP address automatically.

#### The steps for configuring TCP/IP properties (Here I take system W10 for example).





#### STEP-2:

Click on [Properties] button in the lower left corner

🎙 Local Area Co	onnection Stat	tus	$\times$
General			
Connection			
IPv4 Connectiv	ity:		Internet
IPv6 Connectivity: No		No networ	k access
Media State:			Enabled
Duration:			10:33:01
Speed:			1.0 Gbps
D <u>e</u> tails Activity —	]		
	Sent —	<b>-</b> F	leceived
Bytes:	21,919,167	382	,914,115
Properties	♥Disable	Diagnose	
		[	<u>C</u> lose

#### STEP-3:

Double click on "Internet Protocol (TCP/IP)"

	Configure		
This conne	ection uses the following items:		
🗹 🚰 Q	oS Packet Scheduler	٨	
🗹 🔔 In	Internet Protocol Version 4 (TCP/IPv4)		
🗆 🔔 M	licrosoft Network Adapter Multiplexor Protocol		
🗹 🔒 M	licrosoft LLDP Protocol Driver		
🗹 🔔 In	ternet Protocol Version 6 (TCP/IPv6)		
🗹 🔔 In	ternet Protocol Version 6 (TCP/IPv6) nk-Layer Topology Discovery Responder		
	itemet Protocol Version 6 (TCP/IPv6) nk-Layer Topology Discovery Responder nk-Layer Topology Discovery Mapper I/O Driver	~	
⊻ _ In ⊻ _ Li ⊻ _ Li	ternet Protocol Version 6 (TCP/IPv6) nk-Layer Topology Discovery Responder nk-Layer Topology Discovery Mapper I/O Driver	*	
✓ <u> </u>	ternet Protocol Version 6 (TCP/IPv6) nk-Layer Topology Discovery Responder nk-Layer Topology Discovery Mapper I/O Driver	~	
Insta	all Uninstall Properties	*	
Insta	all Uninstall Properties	*	
Insta	all Uninstall Properties	*	

#### STEP-4:

#### Now you have two ways to configure the TCP/IP protocol below:

4-1. Assigned by DHCP Sever

Select Obtain an IP address automatically and Obtain DNS Server address automatically,

as shown in the figure below. These may be selected by default. Then click OK to save setting.

Internet	Protocol Version 4 (TCP/IPv	4) Propert	ties		×
General	Alternative Configuration				
You car this cap for the	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.			oports rator	
00	otain an IP address automatica	llγ			
	e the following IP address: —				
IP ac	ldress:				
Sybr	et mask:				
Defa	ult gateway:				
() O <u>t</u>	tain DNS server address auto	matically			
OUs	e the following DNS server add	resses:			
Prefe	erred DNS server:		1.1	1.0	
Alter	native DNS server:				
V	aļidate settings upon exit			Ad <u>v</u> ano	ced
			ОК		Cancel

4-2. Assigned manually

Using the following IP Address, as shown in the following figure.

[1] If the router's LAN IP address is 192.168.1.1, please type in IP address 192.168.1.x

("x" range from 2 to 254), the Subnet Mask is 255.255.255.0 and Gateway is 192.168.1.1.

General	
You can get IP settings assigned autor this capability. Otherwise, you need to for the appropriate IP settings. O Obtain an IP address automatica O Use the following IP address:	matically if your network supports ask your network administrator lly
IP address:	192 . 168 . 1 . 10
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192.168.1.1
Obtain DNS server address autor	natically dresses:
Preferred DNS server:	
Alternate DNS server:	
Validate settings upon exit	Ad <u>v</u> anced
	OK Cancel

[2] If the router's LAN IP address is 192.168.0.1, please type in IP address 192.168.0.x

("x" range from 2 to 254), the Subnet Mask is 255.255.255.0 and Gateway is 192.168.0.1.

Internet Protocol Version 4 (TCP/IPv4) Properties		
General		
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.		
O Obtain an IP address automatically		
• Use the following IP address:		
IP address:	192 . 168 . 0 . 10	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:	192.168.0.1	
Obtain DNS server address autom	atically	
Use the following DNS server addresses:		
Preferred DNS server:		
Alternative DNS server:		
Validate settings upon exit	Ad <u>v</u> anced	
	OK Cancel	

### STEP-5:

Check the IP address you get automatically in the former step

Network Connection Details:   X     Property   Value     Connection-specific DN   TOTOLINK     Description   Realtek PCIe GBE Family Controller #2     Physical Address   90-9F-33-E8-59-22     DHCP Enabled   Yes     IPv4 Address   192.168.0.2     IPv4 Subnet Mask   255.255.255.0     Lease Obtained   20 September 2018 10:27:26     Lease Expires   20 September 2018 18:27:25     IPv4 Default Gateway   192.168.0.1     IPv4 DNS Server   192.168.0.1     IPv4 WINS Server   192.168.0.1     NetBIOS over Topip En   Yes     Link-local IPv6 Address   fe80::bd63:e9dd:2b1c:e7fc%5     IPv6 DNS Server   IPv6 DNS Server	<u> </u>		
Network Connection Details:     Property   Value     Connection-specific DN   TOTOLINK     Description   Realtek PCIe GBE Family Controller #2     Physical Address   90-9F-33-E8-59-22     DHCP Enabled   Yes     IPv4 Address   192.168.0.2     IPv4 Subnet Mask   255.255.255.0     Lease Obtained   20 September 2018 10:27:26     Lease Expires   20 September 2018 18:27:25     IPv4 Default Gateway   192.168.0.1     IPv4 DNS Server   192.168.0.1     IPv4 WINS Server   Yes     Link-local IPv6 Address   fe80::bd63:e9dd:2b1c:e7fc%5     IPv6 DNS Server   IPv6 DNS Server	Networl	connection Deta	ils D
PropertyValueConnection-specific DNTOTOLINKDescriptionRealtek PCIe GBE Family Controller #2Physical Address90-9F-33-E8-59-22DHCP EnabledYesIPv4 Address192.168.0.2IPv4 Subnet Mask255.255.255.0Lease Obtained20 September 2018 10:27:26Lease Expires20 September 2018 18:27:25IPv4 Default Gateway192.168.0.1IPv4 DHCP Server192.168.0.1IPv4 WINS Server192.168.0.1IPv4 WINS ServerYesLink-local IPv6 Addressfe80::bd63:e9dd:2b1c:e7fc%5IPv6 DNS ServerIPv6 DNS Server	Network	Connection Details:	
Connection-specific DN TOTOLINK Description Realtek PCIe GBE Family Controller #2 Physical Address 90-9F-33-E8-59-22 DHCP Enabled Yes IPv4 Address 192.168.0.2 IPv4 Subnet Mask 255.255.0 Lease Obtained 20 September 2018 10:27:26 Lease Expires 20 September 2018 18:27:25 IPv4 Default Gateway 192.168.0.1 IPv4 DHCP Server 192.168.0.1 IPv4 DNS Server 192.168.0.1 IPv4 WINS Server 192.168.0.1 IPv4 WINS Server 192.168.0.1 IPv4 WINS Server 192.168.0.1 IPv4 DNS Server 5680:1663:e9dd:2b1c:e7fc%5 IPv6 DNS Server	Proper	ty	Value
DescriptionRealtek PCIe GBE Family Controller #2Physical Address90-9F-33-E8-59-22DHCP EnabledYesIPv4 Address192.168.0.2IPv4 Subnet Mask255.255.255.0Lease Obtained20 September 2018 10:27:26Lease Expires20 September 2018 18:27:25IPv4 Default Gateway192.168.0.1IPv4 DHCP Server192.168.0.1IPv4 DNS Server192.168.0.1IPv4 WINS ServerYesLink-local IPv6 Addressfe80::bd63:e9dd:2b1c:e7fc%5IPv6 DNS ServerIPv6 DNS Server	Conne	ction-specific DN	TOTOLINK
Physical Address 90-9F-33-E8-59-22   DHCP Enabled Yes   IPv4 Address 192.168.0.2   IPv4 Subnet Mask 255.255.0   Lease Obtained 20 September 2018 10:27:26   Lease Expires 20 September 2018 18:27:25   IPv4 Default Gateway 192.168.0.1   IPv4 DNS Server 192.168.0.1   IPv4 WINS Server 192.168.0.1   IPv4 WINS Server Yes   Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5   IPv6 DNS Server IPv6 DNS Server	Descri	ption	Realtek PCIe GBE Family Controller #2
DHCP EnabledYesIPv4 Address192.168.0.2IPv4 Subnet Mask255.255.255.0Lease Obtained20 September 2018 10:27:26Lease Expires20 September 2018 18:27:25IPv4 Default Gateway192.168.0.1IPv4 DHCP Server192.168.0.1IPv4 DNS Server192.168.0.1IPv4 WINS Server192.168.0.1IPv4 WINS ServerYesLink-local IPv6 Addressfe80::bd63:e9dd:2b1c:e7fc%5IPv6 DNS ServerIPv6 DNS Server	Physic	al Address	90-9F-33-E8-59-22
IPv4 Address192.168.0.2IPv4 Subnet Mask255.255.255.0Lease Obtained20 September 2018 10:27:26Lease Expires20 September 2018 18:27:25IPv4 Default Gateway192.168.0.1IPv4 DHCP Server192.168.0.1IPv4 DNS Server192.168.0.1IPv4 WINS Server192.168.0.1IPv4 WINS ServerYesLink-local IPv6 Addressfe80::bd63:e9dd:2b1c:e7fc%5IPv6 DNS ServerIPv6 DNS Server	DHCP	Enabled	Yes
IPv4 Subnet Mask   255.255.255.0     Lease Obtained   20 September 2018 10:27:26     Lease Expires   20 September 2018 18:27:25     IPv4 Default Gateway   192.168.0.1     IPv4 DHCP Server   192.168.0.1     IPv4 DNS Server   192.168.0.1     IPv4 WINS Server   192.168.0.1     NetBIOS over Topip En   Yes     Link-local IPv6 Address   fe80::bd63:e9dd:2b1c:e7fc%5     IPv6 DNS Server   IPv6 DNS Server	IPv4 A	ddress	192.168.0.2
Lease Obtained 20 September 2018 10:27:26 Lease Expires 20 September 2018 18:27:25 IPv4 Default Gateway 192.168.0.1 IPv4 DHCP Server 192.168.0.1 IPv4 DNS Server 192.168.0.1 IPv4 WINS Server NetBIOS over Tcpip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	IPv4 S	ubnet Mask	255.255.255.0
Lease Expires 20 September 2018 18:27:25 IPv4 Default Gateway 192.168.0.1 IPv4 DHCP Server 192.168.0.1 IPv4 DNS Server 192.168.0.1 IPv4 WINS Server NetBIOS over Tcpip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	Lease	Obtained	20 September 2018 10:27:26
IPv4 Default Gateway 192.168.0.1 IPv4 DHCP Server 192.168.0.1 IPv4 DNS Server 192.168.0.1 IPv4 WINS Server NetBIOS over Topip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	Lease	Expires	20 September 2018 18:27:25
IPv4 DHCP Server 192.168.0.1 IPv4 DNS Server 192.168.0.1 IPv4 WINS Server NetBIOS over Topip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	IPv4 D	efault Gateway)	192.168.0.1
IPv4 DNS Server 192.168.0.1 IPv4 WINS Server NetBIOS over Topip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	IPv4 D	HCP Server	192.168.0.1
IPv4 WINS Server NetBIOS over Topip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	IPv4 D	NS Server	192.168.0.1
NetBIOS over Topip En Yes Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	IPv4 V	VINS Server	
Link-local IPv6 Address fe80::bd63:e9dd:2b1c:e7fc%5 IPv6 Default Gateway IPv6 DNS Server	NetBI	OS over Tcpip En	Yes
IPv6 Default Gateway IPv6 DNS Server	Link-lo	cal IPv6 Address	fe80::bd63:e9dd:2b1c:e7fc%5
IPv6 DNS Server	IPv6 D	efault Gateway)	
Class	IPv6 D	NS Server	
Class			
Class			
			Class

The IP address is 192.168.0.2, it means the network segment of your PC is 0, you should enter http://192.168.0.1 into the address bar of your browser.

Enter the router's setting interface similarly and do some settings.