Configuring Asus Modem for SpinTel NBN

How do you know if your Asus modem is compatible with nbn?

There are 2 different types of ports you need to check whether your modem is compatible with the type of nbn service that you have on your premise.

1. **DSL port** - often grey in colour, uses RJ11 cable. This is the same as the old telephone cable you would use to plug your home phone into the wall socket.



2. **WAN port** - Also known as the internet port that uses RJ-45 Ethernet cable to connect your Asus modem to the nbn connection device.



Some modems have both of these ports, and some only have one. To identify which port is required for your nbn type of service, check the table below.

NBN type	Modem connection type	Authentication
Fibre to the Premise	Router/WAN connection	IPOE/Dynamic/DHCP/
Fixed Wireless	Router/WAN connection	IPOE/Dynamic/DHCP/
Hybrid Fibre Coaxial	Router/WAN connection	IPOE/Dynamic/DHCP/
Fibre to the Curb	Router/WAN connection	IPOE/Dynamic/DHCP/
Fibre to the Node	VDSL Modem required	IPOE/Dynamic/DHCP/
Fibre to the Basement	VDSL Modem required	IPOE/Dynamic/DHCP/

How Do You Set up Your Asus Modem?

- 1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your Asus modem to your phone wall socket using a phone cable.
- 2. If **there is an NBN Connection Box** installed, connect to the WAN/Internet port on the back of your modem to your NBN Connection Box.
- 3. Connect any of the LAN ports on the back of your modem to your PC (optional)
- 4. Plug the NBN connection box, if there's any, to the power socket
- 5. Connect the power port on the back of your modem to your power socket.
- 6. Ensure the modem is not locked to a specific provider. If it is, contact your provider to unlock it or use an unlocked modem.
- 7. If needed, perform a factory reset on the modem and reconnect your devices using the default login credentials typically found on the modem label.
- 8. Open a web browser and enter the modem's default IP address to configure the modem for IPoE set-up.

How Do You Log Into Your Asus Modem?

To access the modem interface, please make sure your device is connected to your Asus modem through a wired or wireless connection.

1. Open a web browser and enter 192.168.1.1 or <u>http://router.asus.com</u> in the address bar, then press [Enter].

If the IP address does not work, please check the label attached to the back of the modem/router. Else, check your router's IP address. For instructions, click <u>here</u>.

2. Enter **admin** for both the username and password and click Login. If you have changed the login credentials, please enter the current username and password for your modem interface.

How Do You Configure Your Asus Modem?

From the navigation panel, go to Advanced Settings > WAN > Internet Connection.

If you see any existing profiles configured, delete them to avoid double authentication or connection issues.

Èrom the WAN Connection Type drop-down list, select **IPoE/ Automatic IP**. Beave any other settings to its default.

Glick Apply to update the settings.

 \mathfrak{M} ait **3-5 minutes** for the modem to go online, then test the service.

Different GUI versions

version 1

	Logout Reboo	t English 🔻						
Quick Internet Setup	Operation Mode: <u>Wireless router</u> Fire SSID:	mware Version: <u>9.0.0.4.386_9794</u> V App 🎮 🛞 🖻 🚓						
General	Internet Dual Po Connection WAN Trig	DMZ DDNS						
Network Map	WAN - Internet Connection							
aiMesh		s to WAN (wide area network).These types are selected from the dropdown menu Ids differ depending on the connection type you selected.						
Guest Network	Configure the Ethernet WAN settings of RT-AX95Q.							
AiProtection	Basic Config							
	WAN Connection Type	Automatic IP v						
Adaptive QoS	Enable WAN	O Yes O No						
🗼. Traffic Analyzer	Enable NAT	O Yes 💿 No						
👸 USB Application	Enable UPnP <u>UPrP FAQ</u>	O Yes I No						
AiCloud 2.0	WAN DNS Setting							
Advanced Settings	Connect to DNS Server automatically	O Yes 🔍 No						
Mireless	Account Settings							
	Authentication	None v						
	Special Requirement from ISP							
()) WAN	Host Name							
Alexa & IFTTT	MAC Address	MAC Clone						
(m) 1Pv6	DHCP query frequency	Aggressive Mode v						
—	Extend the TTL value	• Yes O No						
	Spoof LAN TTL value	• Yes O No						
🚵 Firewall		Apply						
Administration								

version 2

Network Map	Internet Connection QoS Port Trigger Virtual Server DMZ DDNS						
AiDisk	WAN - Internet Connection						
UPnP Media Server	RT-N58U supports several connection types to WAN. These types are selected from the dropdown menu beside WAN Connection Type. The setting fields differ depending on the connection type you selected.						
EzQoS Bandwidth Management	WAN Connection Type: Automatic IP ~						
Advanced Setting	Enable UPnP? Yes No Enable PPPoE Relay? Yes No						
Wireless							
	WAN IP Setting Get the WAN IP automatically? Yes No						
USB Application	IP Address:						
Firewall Administration	Subnet Mask:						
System Log	Default Gateway:						
	WAN DNS Setting Connect to DNS Server						
	automatically?						
	DNS Server1: DNS Server2: DNS Server2:						
	Account Setting						
	User Name:						
	Password:						
	MTU: 1492 MRU: 1492						
	Service Name:						
	Access Concentrator Name:						
	Additional pppd options; Auto						
	Special Requirement from ISP						
	Select ISP: None						
	Choose IPTV STB Port: None VDN Second						
	VPN Server: Host Name:						
	MAC Address: 20CF300F3E77						
	Apply						

version 3

Internet	Dual	Port		ort DMZ	DDNS	NAT	
Connection	WAN	Trigger	Forwarding			Passthrough	
WAN - Internet C	Connection						
WAN Index							
Basic Config							
WAN Connection Typ	be						
Enable WAN Enable NAT							
Enable UPnP <u>UPr</u>	n <u>P FAQ</u>	O Yes	🗿 Yes 🌑 No				
WAN DNS Setting							
Connect to DNS Serv	ver automatically	O Yes	🔍 No				
Account Settings		None					
Special Requirement from ISP							
Host Name							
MAC Address				MACC	lone		
Spoof LAN TTL valu	e	• Yes	No No				
	Connection WAN - Internet O GT-AX11000 support menu beside WAN Co WAN Index WAN Type Configure the Ethernor Basic Config WAN Connection Typ Enable WAN Enable WAN Enable VAN Enable UPnP UP WAN DNS Setting Connect to DNS Sen Account Settings Authentication Special Requirem Host Name MAC Address DHCP query frequen Extend the TTL value	Connection WAN WAN - Internet Connection GT-AX11000 supports several connemenu beside WAN Connection Type. WAN Index WAN Type Configure the Ethernet WAN settings Basic Config WAN Connection Type Enable WAN Enable NAT Enable UPnP UPnP FAQ WAN DNS Setting Connect to DNS Server automatically Account Settings Authentication Special Requirement from ISP Host Name	Connection WAN Trigger WAN - Internet Connection GT-AX11000 supports several connection types to W menu beside WAN Connection Type. The setting fields WAN Index WAN WAN WAN Type WAN Configure the Ethernet WAN settings of GT-AX11000. Basic Config Basic Config Autor WAN Connection Type Autor Enable WAN • Yes Enable NAT • Yes Enable UPnP UPnP FAQ • Yes WAN DNS Settings Connect to DNS Server automatically • Yes Account Settings Authentication None MAC Address	Connection WAN Trigger Forwarding WAN Intigger Forwarding WAN Intigger Forwarding GT-AX11000 supports several connection types to WAN (wide area networmenu beside WAN Connection Type. The setting fields differ depending on the setting of GT-AX11000. Basic Config Image: Configure the Ethernet WAN settings of GT-AX11000. Basic Config Image: Configure the Ethernet WAN settings of GT-AX11000. Basic Config Image: Configure the Ethernet WAN settings of GT-AX11000. Enable WAN Ves No Enable WAN Ves No Enable UPnP Image: Connect to DNS Server submatically Ves No Authentication None Image: Connect to DNS Server submatically Authentication None Image: Connect to DNS Special Requirement from ISP MAC Address Image: Connect word field fie	Connection WAN Trigger Forwarding Diff WAN - Internet Connection GT-AX11000 supports several connection types to WAN (wide area network). These types of menu beside WAN Connection Type. The setting fields differ depending on the connection types to WAN Connection Type. The setting fields differ depending on the connection type WAN Type WAN v Configure the Ethernet WAN settings of GT-AX11000. Basic Config Automatic IP v Enable WAN Yes No Enable WAN Yes No Enable NAT Yes No Enable UPnP UPrP FAQ Connect to DNS Server automatically Yes No Account Settings Authentication Authentication None MAC Address MAC C DHCP query frequency Aggressive Mode v Extend the TTL value Yes No	Connection WAN Trigger Forwarding Duty Duty WAN - Internet Connection GT-AX11000 supports several connection types to WAN (wide area network). These types are selecter menu beside WAN Connection Type. The setting fields differ depending on the connection type you sele wan under the Ethernet WAN settings of GT-AX11000. Basic Config WAN - WAN Connection Type WAN - Configure the Ethernet WAN settings of GT-AX11000. Basic Config WAN Connection Type Automatic IP • Enable WAN • Yes • No Enable WAN • Yes • No Enable UPnP UPP FAQ • Yes • No Enable UPnP UPP FAQ • Yes • No Account Settings Automatically • Yes • No DHCP query frequency Aggressive Mode • Extend the TTL value PHCP query frequency • Yes • No MAC Clone	

Setting up your Home Phone

Have a Home Phone included in your service package? Follow this <u>guide</u> to set up your Home Phone using a BYO modem.

Online URL: <u>https://articles.spintel.net.au/article/configuring-asus-modem-for-spintel-</u>

<u>nbn.html</u>