

High Speed Internet

How to configure static IP addresses in the 5268AC gateway

If you ordered your Internet service with static IP addressing, your modem will need to be configured to recognize your IP address space. This is normally taken care of before you received your modem but if your modem is ever reset or replaced, you will need to reenter this information.

1. You will need to obtain the static IP address range and subnet mask from IgLou. If you don't already have it, you can [contact us online](#) or call 502-966-3848 and we can email you a copy of the settings.
2. Log in to your modem using the web address and security-code password that is written on the back of the modem. The address is usually <http://192.168.1.254> but check the back of the modem to be sure.
3. Enter the router address and subnet mask into the menu as shown below. You can also check "Auto firewall open" if you would like the firewall to be disabled for your static IP addresses.

The screenshot shows the web interface of the 5268AC gateway. The top navigation bar includes 'Home', 'Services', 'Settings', and 'Site Map'. Below this, a secondary navigation bar has 'System Info', 'Broadband', 'LAN', 'Firewall', 'Logs', and 'Diagnostics'. The 'Broadband' section is active, and within it, 'Link Configuration' is selected. A warning icon and text are present: 'Warning: Modifying the settings on this page can impact the ability of devices on your private network to access your broadband connection. Modifications may also affect broadband-enabled applications and services running on your private network.'

The configuration sections are as follows:

- Broadband Interface:** 'Choose Interface type' is set to 'Automatic Ethernet/DSL'.
- DSL:** 'DSL Line Selection' is set to 'Automatic'.
- Broadband IP Network:** 'Upstream MTU' is set to '1500'.
- Supplementary Network (highlighted with a red box):**
 - 'Add Additional Network' is checked (Enable).
 - 'Router Address' is an empty text field.
 - 'Subnet Mask' is an empty text field.
- 'Auto Firewall Open' is unchecked.

A 'Save' button is located at the bottom right of the configuration area.

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- Click the "Save" button at the bottom right-hand corner of the screen.
- If you would like a device on your network to always be assigned the same private IP (i.e. 192.168.1.x) by the modem, you can configure this here. Be sure to click "Save" after making any changes:

The screenshot shows a web interface with a top navigation bar containing 'Home', 'Services', 'Settings', and 'Site Map'. Below this is a sub-navigation bar with 'System Info', 'Broadband', 'LAN', 'Firewall', 'Logs', and 'Diagnostics'. The 'LAN' tab is selected, and within it, the 'IP Address Allocation' sub-tab is active. The page title is 'Public-Private NAT Mappings and Device IP Allocation'. The main content area contains several paragraphs explaining the functionality: it allows configuring IP addresses for devices in DHCP mode, mapping devices to static or public IP addresses (NAT mappings), and statically assigning public IP addresses to devices. It also mentions overriding the default DHCP server address and manually specifying a desired IP address for the DHCP server to issue to the device, or specifying an alternate pool to issue from. Additionally, it explains how to map a device to a specific public fixed IP address or to the next unassigned address from the public pool, with the default being the Router WAN IP address. Below the text, there are two device configuration sections. The first section is for 'Device: Erin-PC' and the second is for 'Device: TXCDTL11EW4962'. Each section contains a table with the following fields: 'Current Address', 'Device Status', 'Firewall', 'Address Assignment', and 'WAN IP Mapping'. The 'Erin-PC' section shows 'Current Address' as 192.168.1.70, 'Device Status' as 'Not Connected', 'Firewall' as 'Enabled', 'Address Assignment' as 'Private from pool:192.168.1.0', and 'WAN IP Mapping' as 'Router WAN IP address (default)'. The 'TXCDTL11EW4962' section shows 'Current Address' as 192.168.1.71, 'Device Status' as 'Connected DHCP', 'Firewall' as 'Enabled', 'Address Assignment' as 'Private from pool:192.168.1.0', and 'WAN IP Mapping' as 'Router WAN IP address (default)'. A 'Save' button is located at the bottom right of the page.

Home Services Settings Site Map

System Info Broadband LAN Firewall Logs Diagnostics

Status Wireless Wired Interfaces DHCP IP Address Allocation Statistics IPv6

Public-Private NAT Mappings and Device IP Allocation

This section allows you to configure the system to allocate specific IP addresses to devices that are running in DHCP mode, and map devices to particular static or public IP addresses, also known as NAT mappings.

Alternately, you may also statically assign public IP addresses on the devices themselves. Statically addressed device addresses will override settings made on this page.

For each device on the private network, you may override the default DHCP server address, and manually specify a desired IP Address for the DHCP server to issue to the device, or specify an alternate pool to issue from.

Additionally, for Internet public hosting of applications or servers associated with static or public IP addresses, you can map a device to a specific public fixed IP address or to the next unassigned address from the public pool. The default public IP device mapping is to the Router WAN IP address.

Device: Erin-PC

Current Address	192.168.1.70
Device Status	Not Connected
Firewall	Enabled
Address Assignment	Private from pool:192.168.1.0
WAN IP Mapping	Router WAN IP address (default)

Device: TXCDTL11EW4962

Current Address	192.168.1.71
Device Status	Connected DHCP
Firewall	Enabled
Address Assignment	Private from pool:192.168.1.0
WAN IP Mapping	Router WAN IP address (default)

Save

Unique solution ID: #1101

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