

# 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 modem's web interface with the following structure:

- Top navigation: Home, Services, Settings, Site Map
- Sub-navigation: System Info, Broadband, LAN, Firewall, Logs, Diagnostics
- Sub-sections: Status, Link Configuration, Multicast
- Warning: A warning icon and text stating that modifying settings can impact private network access.
- Broadband Interface: Choose Interface type (Automatic Ethernet/DSL)
- DSL: DSL Line Selection (Automatic)
- Broadband IP Network: Upstream MTU (1500)
- Supplementary Network (highlighted in red):
  - Add Additional Network:  Enable
  - Router Address:
  - Subnet Mask:
- Auto Firewall Open:
- Save button

# High Speed Internet

- 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 for configuring network settings. At the top, there are navigation tabs: Home, Services, Settings (selected), and Site Map. Below this, there are sub-tabs: System Info, Broadband, LAN (selected), Firewall, Logs, and Diagnostics. Under the LAN tab, there are further sub-links: Status, Wireless, Wired Interfaces, DHCP, IP Address Allocation (selected), Statistics, and IPv6. The main content area is titled "Public-Private NAT Mappings and Device IP Allocation". It contains several paragraphs of text explaining the configuration options. Below the text, there are two device configuration sections. The first is for "Device: Erin-PC" and the second is for "Device: TXCDTL11EW4962". Each section contains a form with fields for Current Address, Device Status, Firewall, Address Assignment, and WAN IP Mapping. A "Save" button is located at the bottom right of the configuration area.

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

Author: n/a

Last update: 2019-08-21 19:17