

System Configuration Manual

Please read carefully before starting. Also read the product [safety information](#).

1. First start

After unpacking, the gateway is ready to use, but requires configuration to adapt to the required functions.

1.1 Power supply

First, connect the power supply according to the [power supply](#) information.

2. Opening inbuilt website

2.1 Through the WAN interface

To access the built-in website, connect the gateway by WAN to the local network and enter the DHCP assigned IP address in the address window of the browser. Please note that it may take some time from powering on to booting up the system. When the LEDs next to the RJ45 socket start flashing, after about 10 seconds the built-in website becomes available.

```
user name: root
password: root
```

2.2 Through the LAN interface

Connect the ETH2 directly to the computer and enter in the address window of the browser default IP of Gateway.

IP: **192.168.1.1**

user name: root

password: root

2.3 Through the WiFi interface

By default, the gateway creates its own network with default ESSID "AG-702". The network is secured with default password "atreyo12".

Connect to this network and enter the IP in the address bar of your browser.

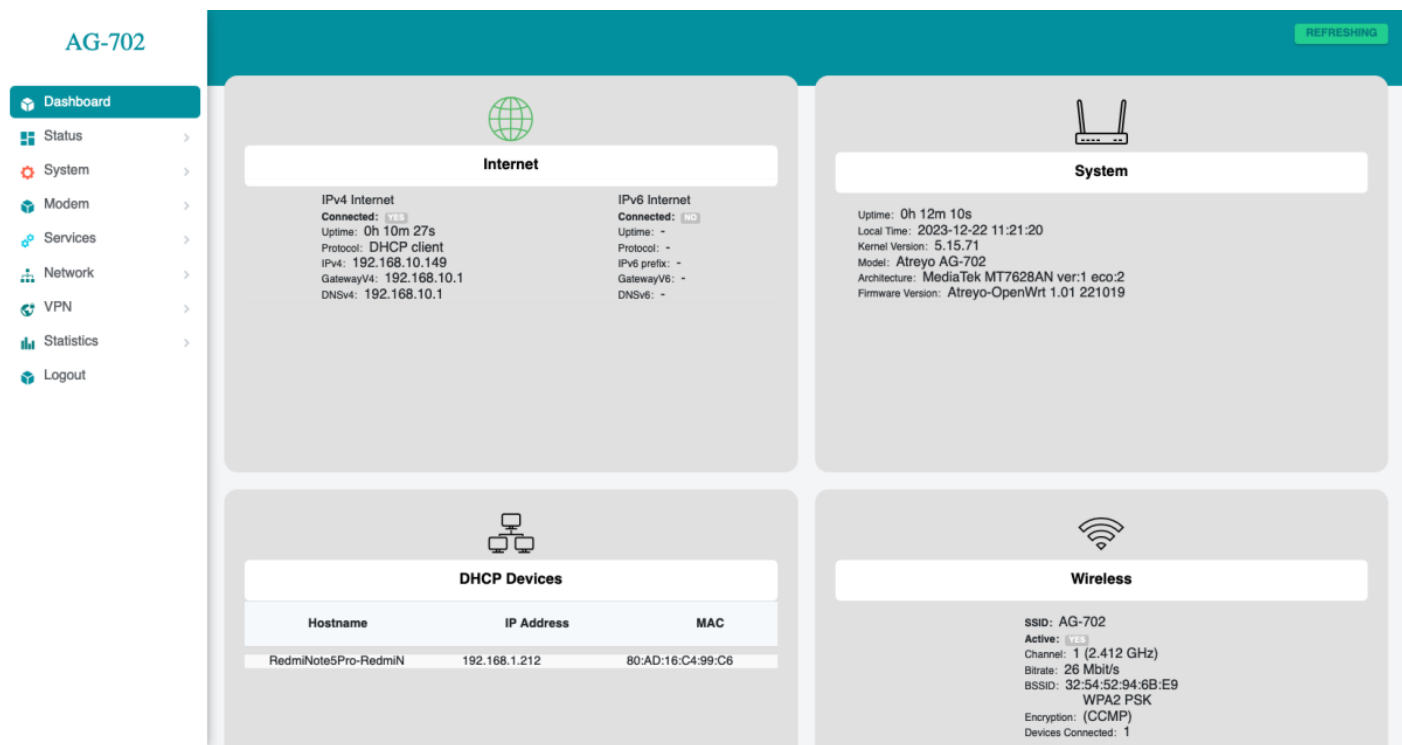
IP: **192.168.1.1**

user name: root

password: root

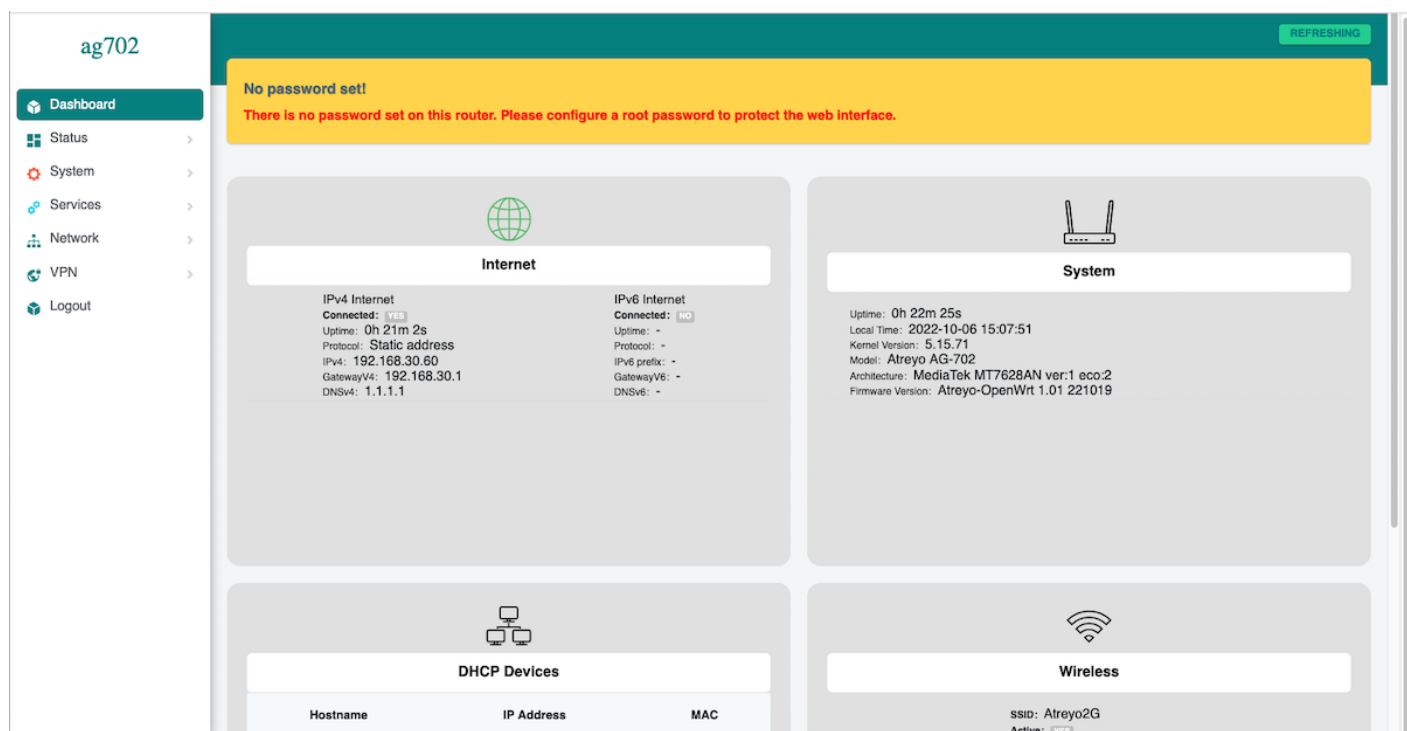


After logging in, you are automatically taken to the dashboard page.

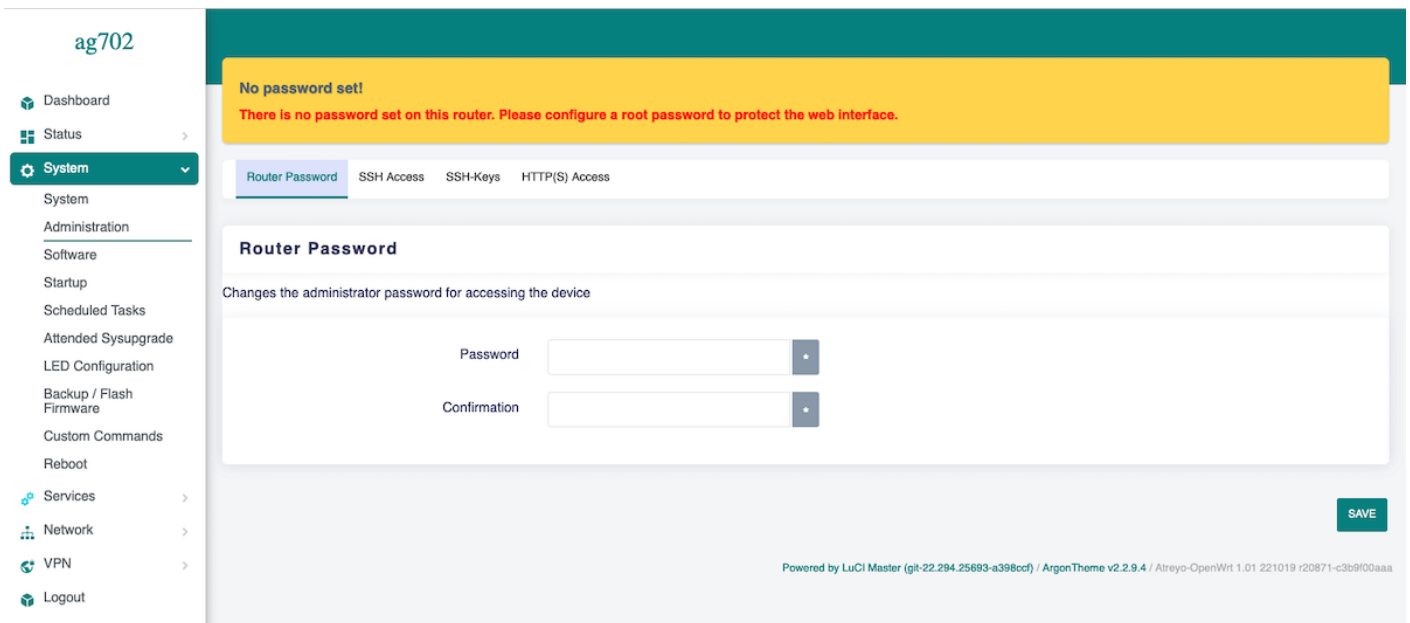


2.4 Password setting

At the top there is a message that no password has been set.



Set a password on the **system>administration** page:

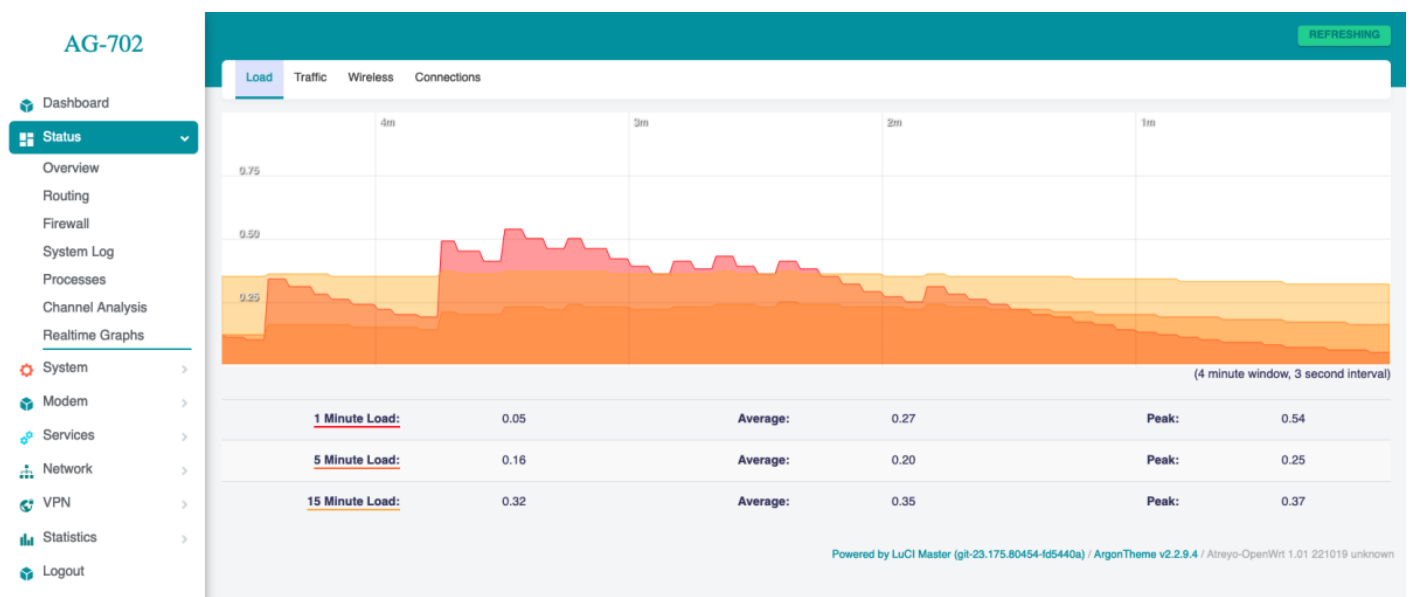


To maintain security, it is recommended to use long and complex passwords.

3. System statistics

The gateway has a built-in real-time statistics system under Status > Realtime Graphs and accurate statistics with selectable time range under Statistics > Graph. You can check CPU load, memory usage, network load, etc.

3.1 Realtime load



3.2 Statistics interfaces

Statistics

AG-702

DISPLAY HOST +

2hour

DISPLAY TIMESPAN +

Do not refresh

APPLY INTERVAL +

Processor

Interfaces

Wireless

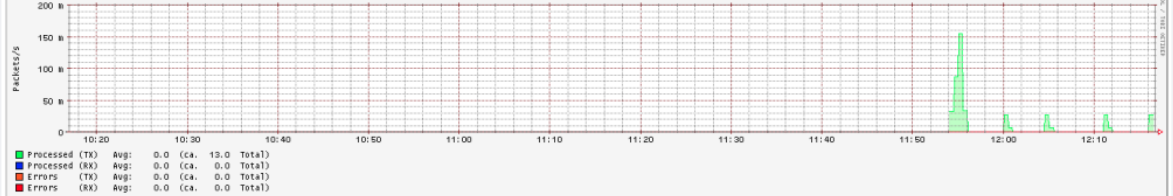
System Load

Memory

AG-702: Transfer on br-lan



AG-702: Packets on br-lan



Powered by LuCI Master (git-23.175.80454-1d5440a) / ArgonTheme v2.2.9.4 / Atreya-OpenWrt 1.01 221019 unknown

3.3 Statistics memory

Statistics

AG-702

DISPLAY HOST +

2hour

DISPLAY TIMESPAN +

Do not refresh

APPLY INTERVAL +

Processor

Interfaces

Wireless

System Load

Memory

AG-702: Memory usage



Powered by LuCI Master (git-23.175.80454-1d5440a) / ArgonTheme v2.2.9.4 / Atreya-OpenWrt 1.01 221019 unknown

3.4 Statistics processor

Statistics

AG-702

DISPLAY HOST +

2hour

DISPLAY TIMESPAN +

Do not refresh

APPLY INTERVAL +

Processor

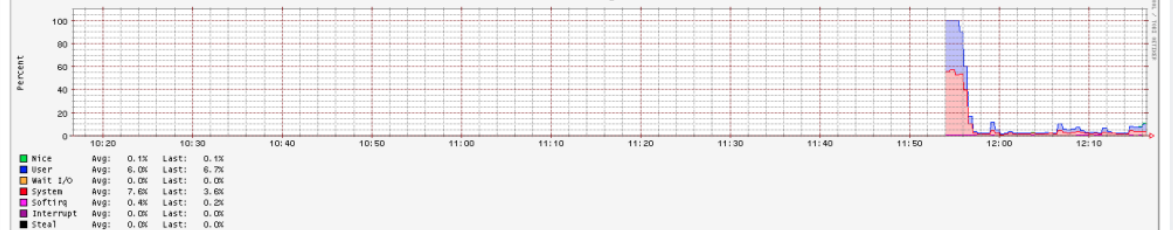
Interfaces

Wireless

System Load

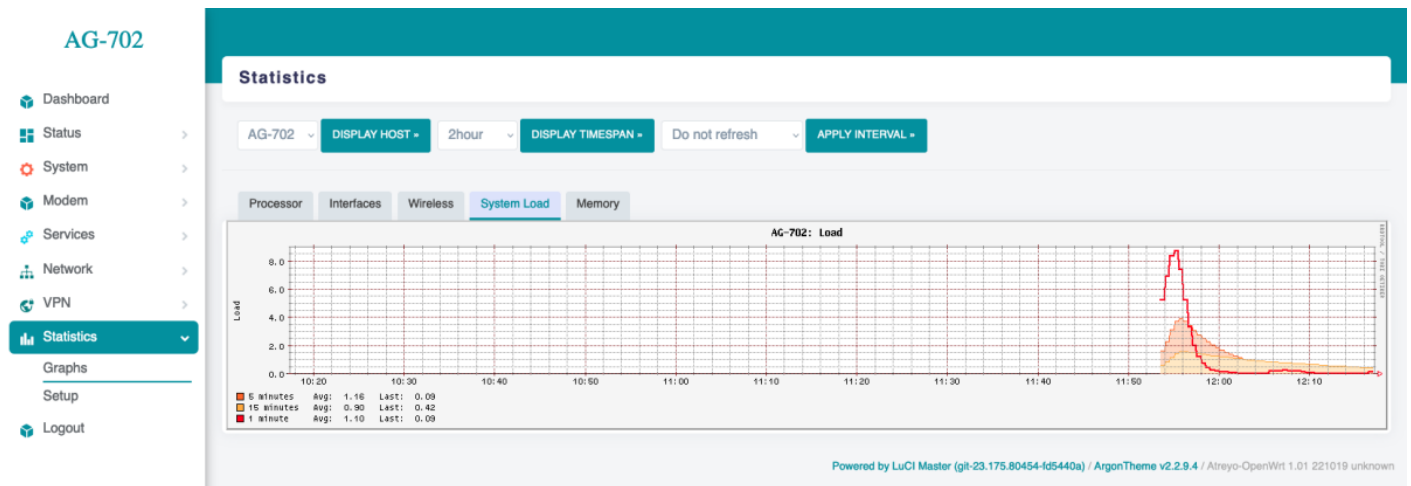
Memory

AG-702: Processor usage on core #0



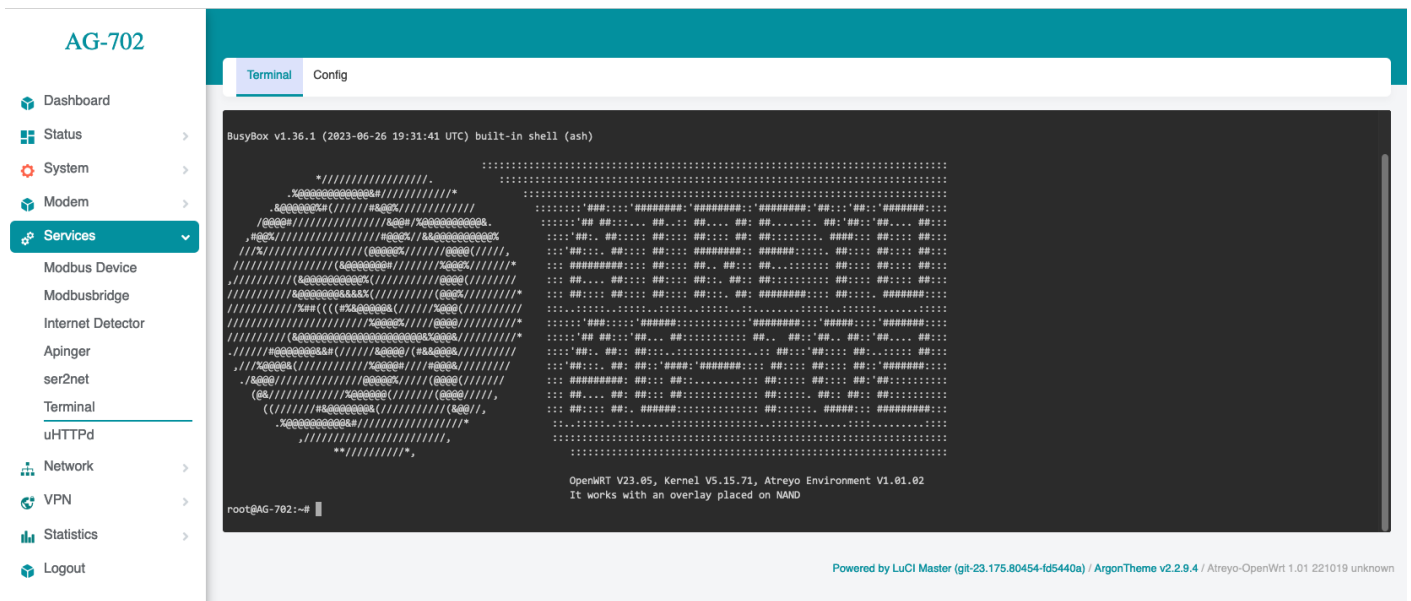
Powered by LuCI Master (git-23.175.80454-1d5440a) / ArgonTheme v2.2.9.4 / Atreya-OpenWrt 1.01 221019 unknown

3.5 Statistics system load



4. Using the terminal

The AG-702 has a built-in bash terminal. With it you can execute all commands in the OpenWRT system. To enter the terminal, go to the tools > terminal section on the built-in website. The default password is the same **root/root**.



5. Reset and default

5.1 Make factory default

To reset the system to factory settings, hold down the "Default/Reset" button for more than 5 seconds while the device is operational. During the factory reset, all LED indicators will light up for

2 seconds.

5.2 Reset device

To restart the gateway without disconnecting the power supply, press and hold the "Reset/Default" button for less than 5 seconds. During the restart, 4 LED indicators will light up for 1 second (IN-1, IN-2, RS485, RS232)

Do not hold the button for more than 5 seconds, as it will trigger the gateway to restore default settings.

Revision #46

Created 2025-02-15 16:52:10 UTC by Yogesh

Updated 2026-10-05 12:01:52 UTC by Yogesh