Jetson OpenClaw Install & Config Guide

Install OpenClaw

1.Set up the environment -- install nvm

curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.7/install.sh | bash

OpenClaw is a tool built on Node.js, and installing NVM lets you easily set up a compatible version like Node 22.

2.Load the NVM environment variables

source ~/.bashrc

Make the newly installed NVM take effect immediately; it will also load automatically every time you open a new terminal.

3.Install Node.js 22

nvm install 22

4.Switch to Node.js 22

nvm use 22

5.Set Node.js 22 as the default version

nvm alias default 22

6.Verify that the installed Node.js version is correct

node -v

If everything is set up correctly, you should see the following output in your terminal

7.Install OpenClaw globally

npm install -g openclaw

This is the actual step to install OpenClaw--once it's installed, you'll be able to use the openclaw command.

8.Verify that the installation was successful

openclaw --version

Set up OpenClaw

1.Launch Openclaw

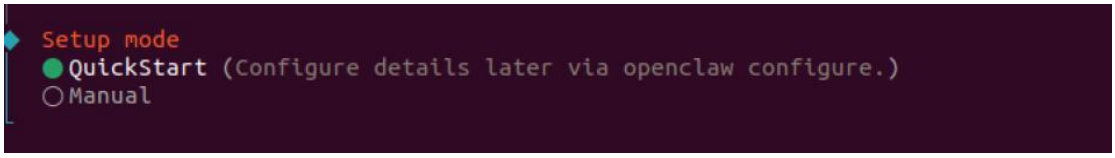
openclaw onboard

The first time you run OpenClaw, you can use this command to set it up and launch it.

2.Select "yes" and press Enter to proceed to the next step.

3.Setup mode

QuickStart



4.Config handling

Use existing values

5.Mode/auth provider

Choose a model based on what you have available. We'll use Anthropic for this example, but if you don't have an Anthropic API key, feel free to pick another model.

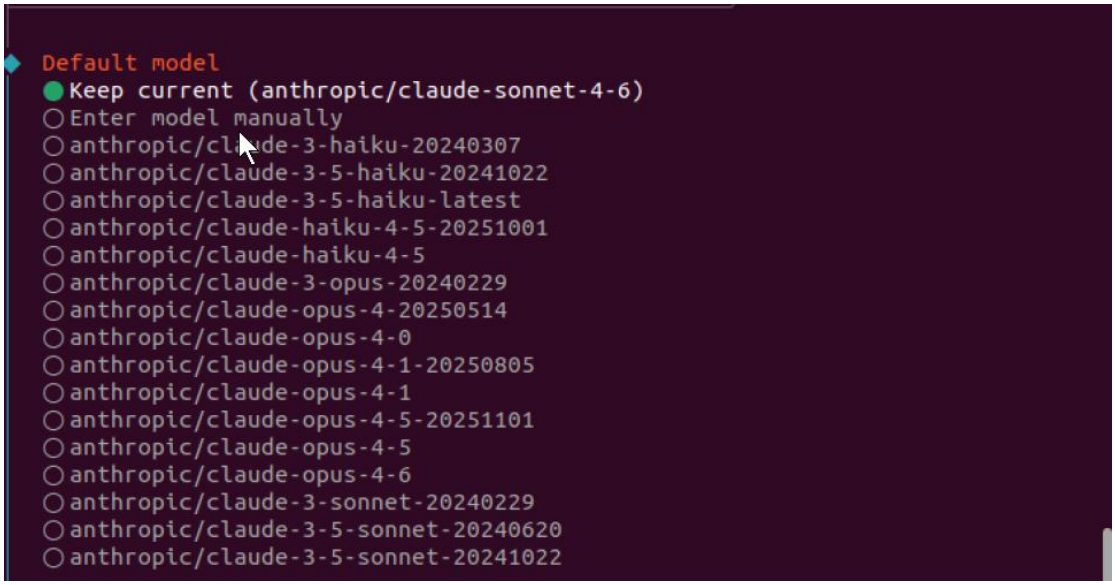
6.Anthropic auth method

Enter the appropriate API key. If you chose a different model, just provide the corresponding API key for that one as well.

7.Enter Anthropic API key

8.Default model

Select a model--here, we'll go with Claude Sonnet 4.6.

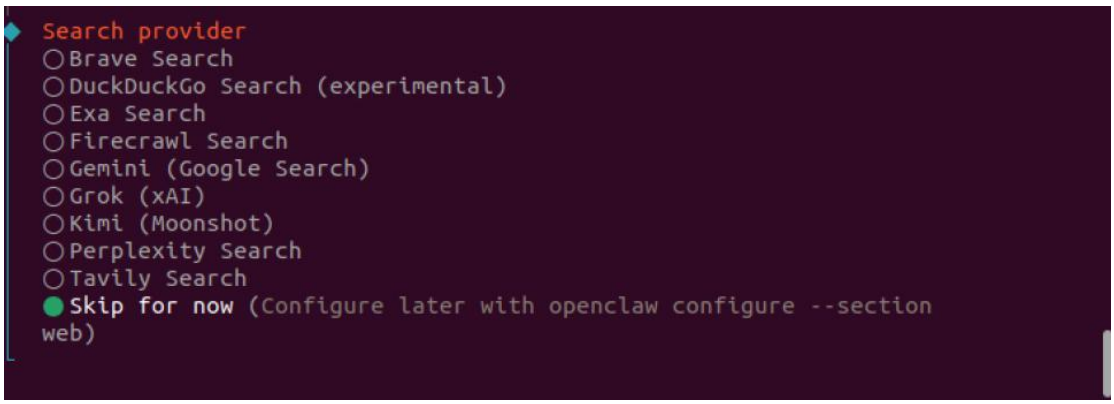


9.Select channel

You can choose different messaging platforms for communication--here, we'll select "Skip for now."

10.Search provider

Skip for now



11.Configure skills now

No

12.Enable hooks

Use the spacebar to select "Skip for now," then press Enter.

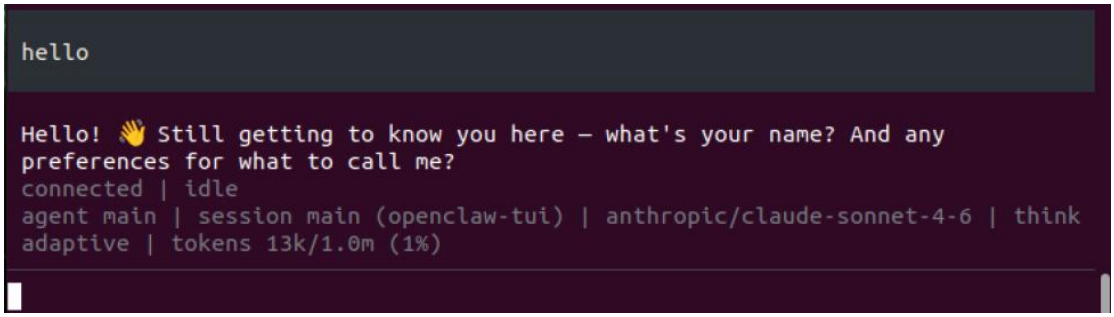
13.Gateway service already installed

Restart

14.How do you want to hatch your bot?

Hatch in TUI

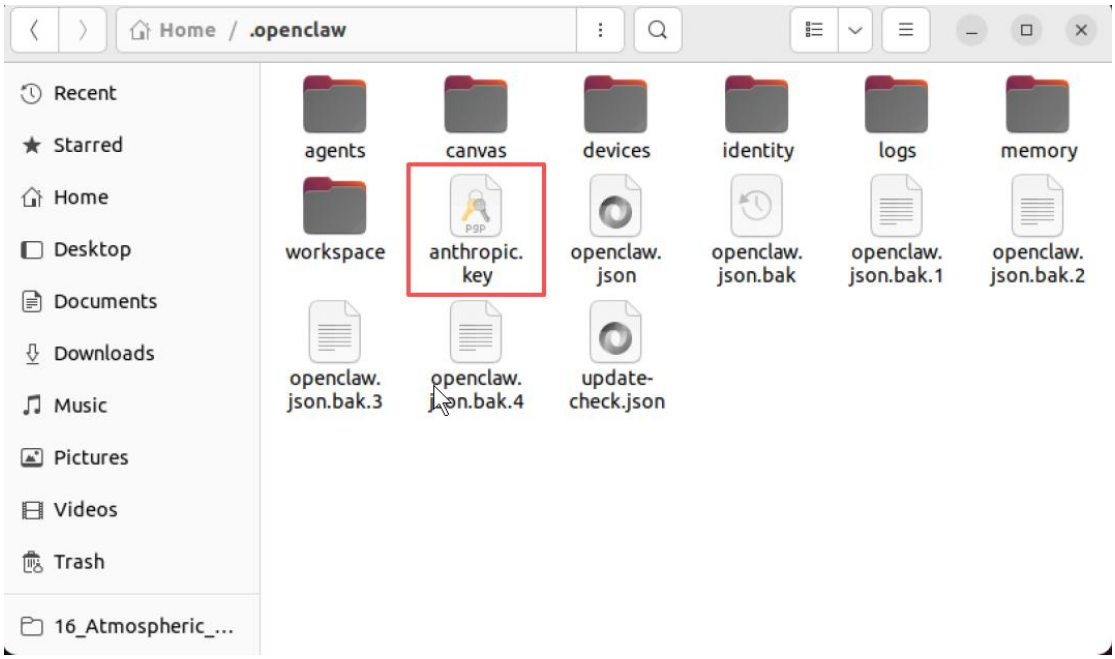
Success--you can now chat with OpenClaw in the terminal and send commands.



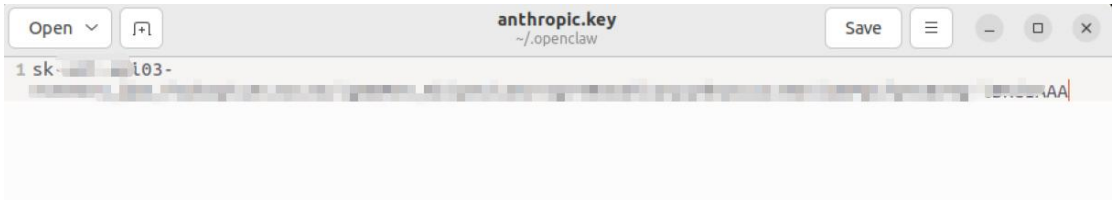
Set up one-click startup

1.Create a key file

Create an **anthropic.key** file in the **/home/elecrow/.openclaw** directory.



2.Enter the corresponding API key into the file.

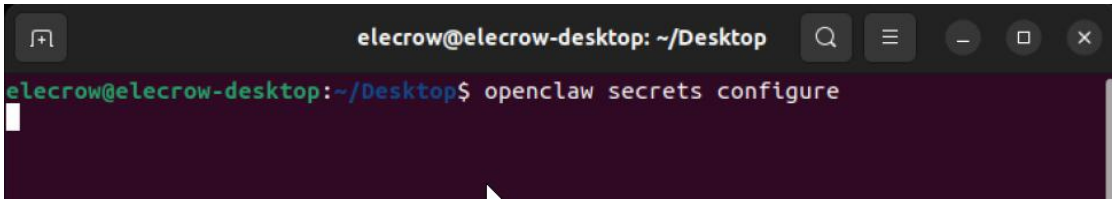


note:

Remember to use the command chmod 600 ~/.openclaw/anthropic.key in the terminal to grant file permissions.

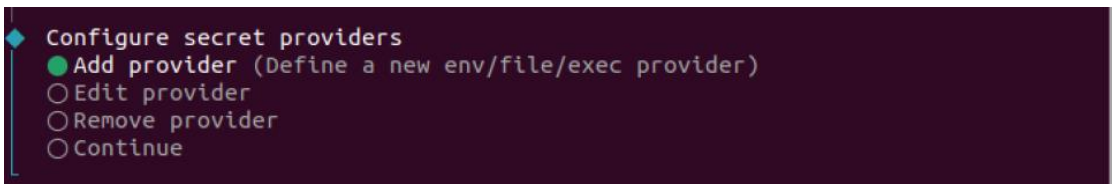
3.Terminal configuration file

openclaw secrets configure



4.Configure secret providers

Add provider



5.Provvider source

file

6.Provider alias

default

7.File path

/home/elecrow/.openclaw/anthropic.key

8.File mode

singleValue

9.Timeout ms

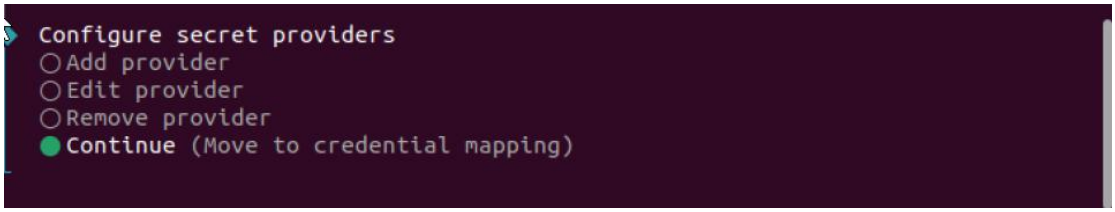
5000

10.Max bytes

Leave it blank and press Enter.

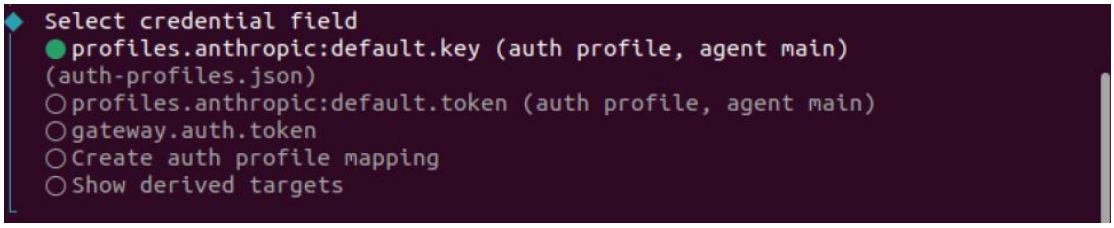
11.Configure secret providers

Continue



12.Select credential field

profiles.anthropic:default.key



13.Secret source

file

14.Provider alias

defaule

15.Secret id

value

16.Configure another credential

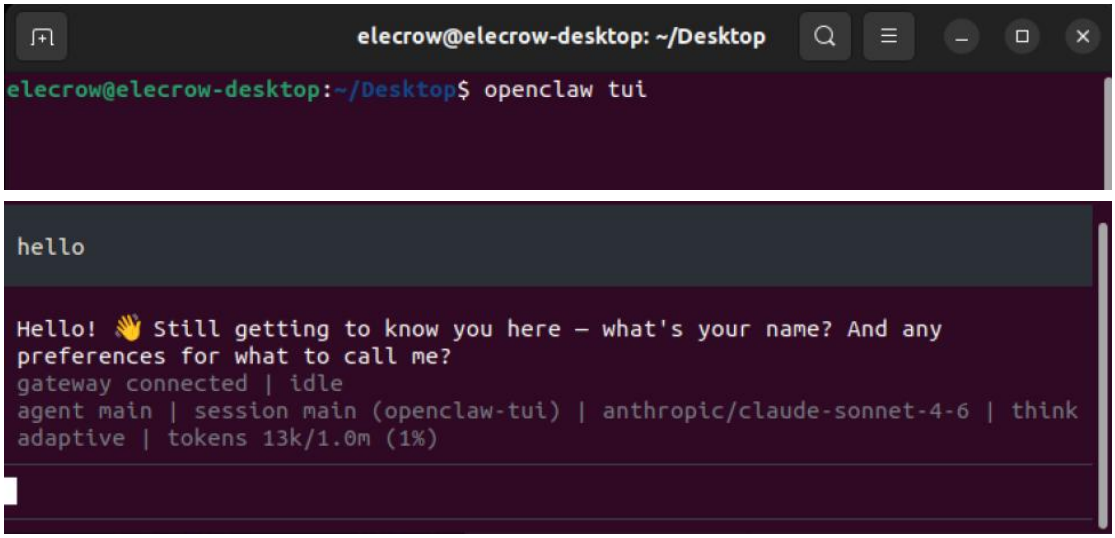
No

17.Apply this plan now?

Yes

This completes the setup--afterward, you can start it anytime by running the following command:

openclaw tui


elecrow@elecrow-desktop: ~/Desktop
elecrow@elecrow-desktop:~/Desktop$ openclaw tui
hello
Hello! 👋 Still getting to know you here — what's your name? And any preferences for what to call me?
gateway connected | idle
agent main | session main (openclaw-tui) | anthropic/claude-sonnet-4-6 | think adaptive | tokens 13k/1.0m (1%)