

STA-100 PAA Private Agent Appliance User Guide



Protect privacy data and embrace the open source ecosystem.

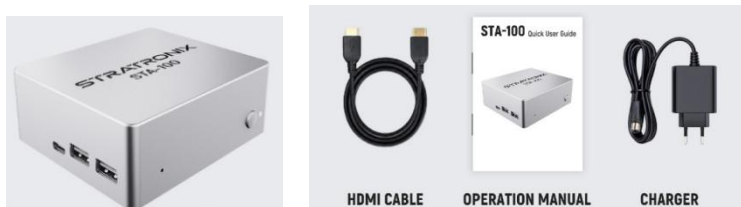
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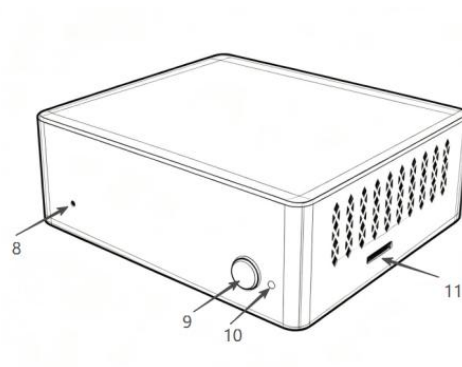
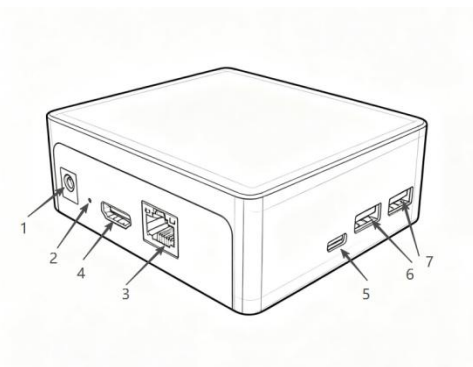
I. Equipment Introduction

1. Product Packaging List:

- STA-100 Intelligent Agent Main Unit × 1
- 2V 12Ah power adapter × 1 (compatible with different country and region requirements, such as European, British, and American standards)
- HDMI cable × 1
- User Manual × 1



2. Device Interface



1. Power input interface — Connect the power adapter
2. Reset button — System reset
3. Wired network port — Wired network access
4. HDMI interface — Host display output
5. Type-C interface — for upgrade purposes only, not for use as a power connector.

- 6/7. USB1, USB2 — Mouse/Keyboard/USB Flash Drive
- 8. Upgrade button — for upgrade purposes (not a user function key; users are advised not to use it).
- 9. Power button — System power on/off
- 10. Power indicator light — System operating status indicator light
- 11. TF card slot — TF memory card expansion storage (maximum 256GB, default configuration 64GB)

3. Technical Specifications

- Processor: Octa-core ARM CPU
- Memory: 4GB RAM
- Storage: 32GB eMMC (expandable up to 256GB via TF card)
- Network: Gigabit Ethernet + 5G Dual-Band WiFi
- Adapter: DC 12V 2A
- System: Ubuntu 20.04.6 LTS - Lightweight Linux system
- Application: Pre-installed OpenClaw application

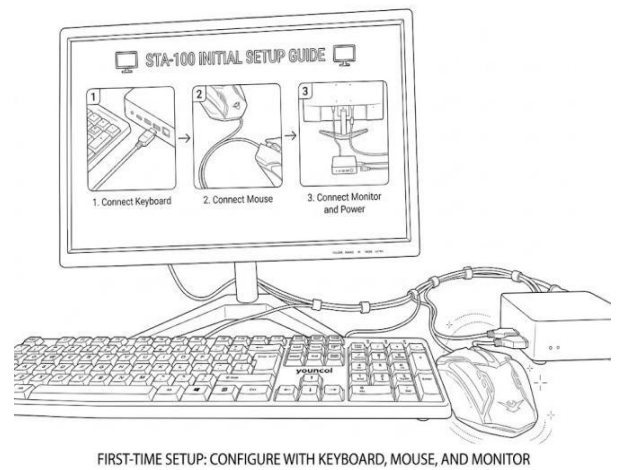
II. Installing the OpenClaw Smart Agent Framework

⚠ You only need to connect a monitor the first time. After that, it will automatically connect to Wi-Fi or you can use it directly by plugging in an Ethernet cable !

Items needed for first-time use

- A monitor or TV with an HDMI port
- One HDMI cable
- A USB keyboard

A USB mouse

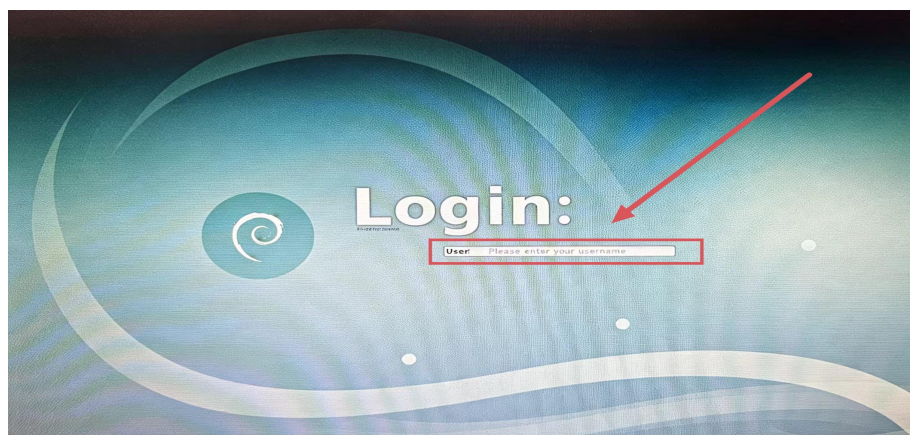


Step 1: Power on and connect to the network

Connect the HDMI cable to the monitor and the computer → Plug in the keyboard → Connect the adapter (power on).



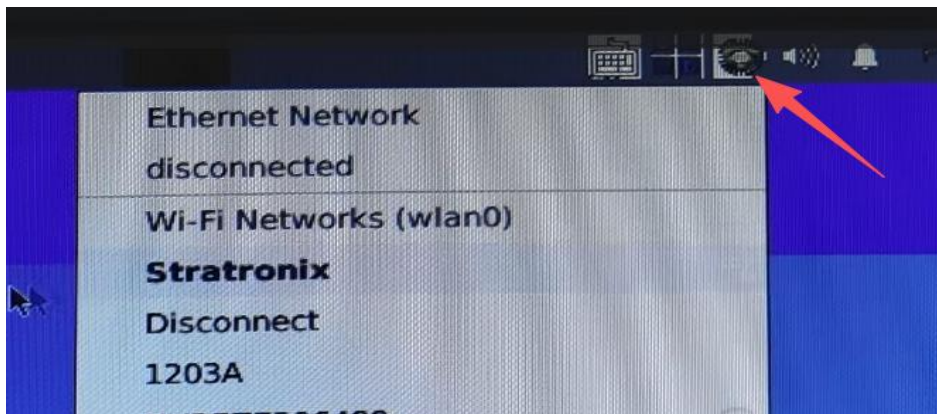
Upon entering the desktop, there is no password required on the first boot; the default username is User. Simply press Enter to log in.



Connect to the network (wired connection requires no operation, just plug it in; the following are the steps for Wi-Fi).

Find this icon in the upper right corner of your desktop and click it .

Find the Wi-Fi network you want to connect to and enter the password.

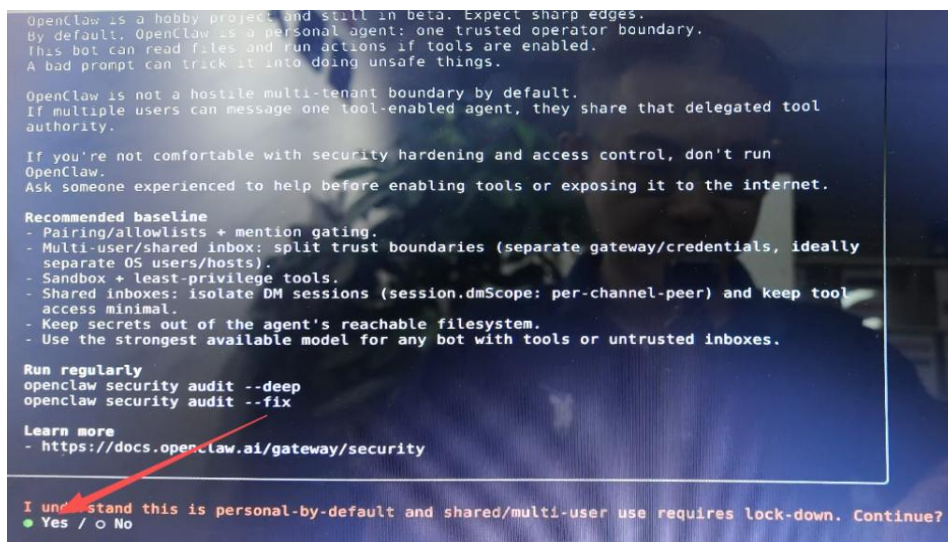


Step 2: Open Openclaw and configure the API

1. Click the OpenClaw icon to begin configuring the API Key (please wait patiently; the Wi-Fi installation will complete in 8-10 minutes).



2. Agree to the installation. In the following window, use the left and right arrow keys to navigate to "Yes" and press Enter to confirm.



It will take a few minutes to set up. It's normal for the screen to freeze; do not tap anything or unplug the power.

3. Select Quickstart

```
Recommended baseline
- Pairing/allowlists + mention gating.
- Multi-user/shared inbox: split trust boundaries (separate gateway/credentials, ideally
  separate OS users/hosts).
- Sandbox + least-privilege tools.
- Shared inboxes: isolate DM sessions (session.dmScope: per-channel-peer) and keep tool
  access minimal.
- Keep secrets out of the agent's reachable filesystem.
- Use the strongest available model for any bot with tools or untrusted inboxes.

Run regularly
openclaw security audit --deep
openclaw security audit --fix

Learn more
- https://docs.openclaw.ai/gateway/security

I understand this is personal-by-default and shared/multi-user use requires lock-down. Con
Yes

Setup mode
  QuickStart (recommended) (Recommended local setup. Change details later with openclaw co
  Manual setup
```

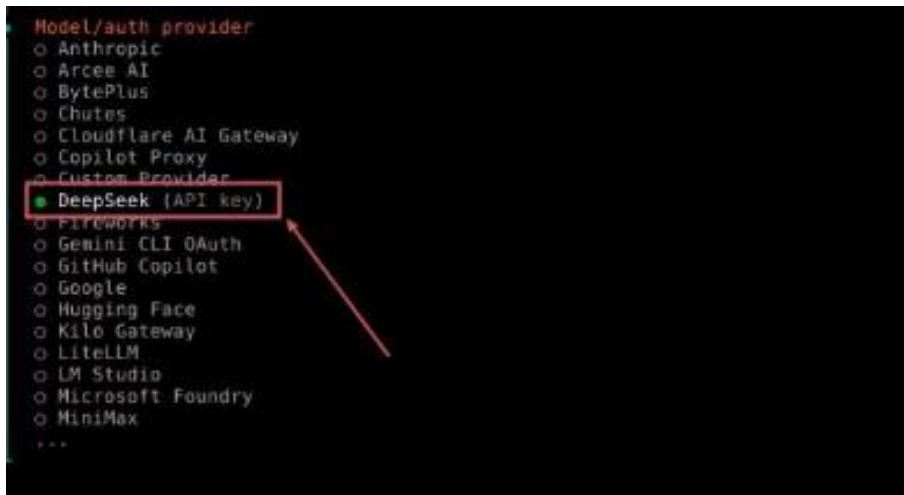
4. Select "more"

```
Setup mode
QuickStart (recommended)

QuickStart
Gateway port: 18789
Gateway bind: Loopback (127.0.0.1)
Gateway auth: Token (default)
Tailscale exposure: Off
Direct to chat channels.

Model/auth provider
  OpenAI
  Anthropic
  xAI (Grok)
  Google
  OpenRouter
  More
  Skip for now
```

5. Select a large model (all large models are available for selection). The following example uses Deepseek (login addresses for all large models are provided below for reference).



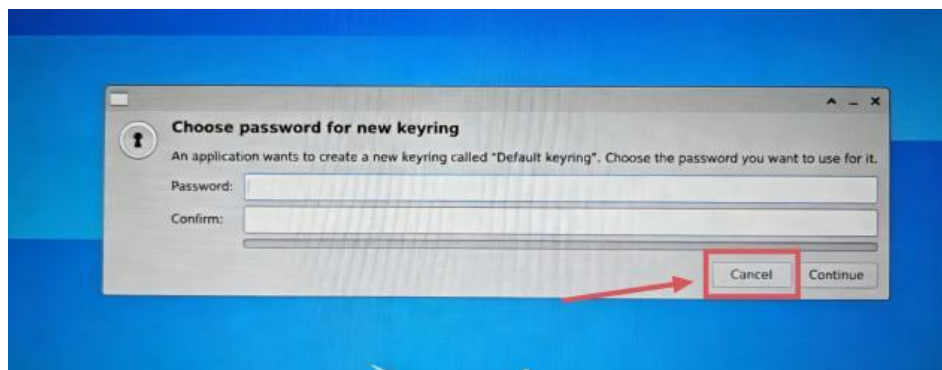
6. Enter the API Key (right-click and paste).

The API Key is your "user password". After registering on the DeepSeek/Minimax official website, copy and paste it here from the settings page (open the webpage directly in your browser, log in, copy the API Key, then right-click on the page above and paste). Below is the detailed DeepSeek process, and point 7 at the end provides the addresses of most large models.

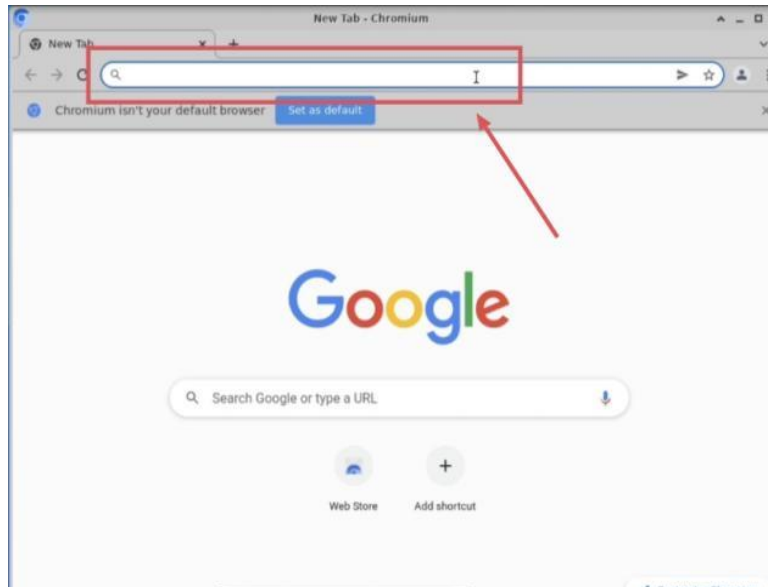
- Click the browser icon at the bottom of the desktop (do not click the Chromium icon on the desktop until the API Key configuration is complete).



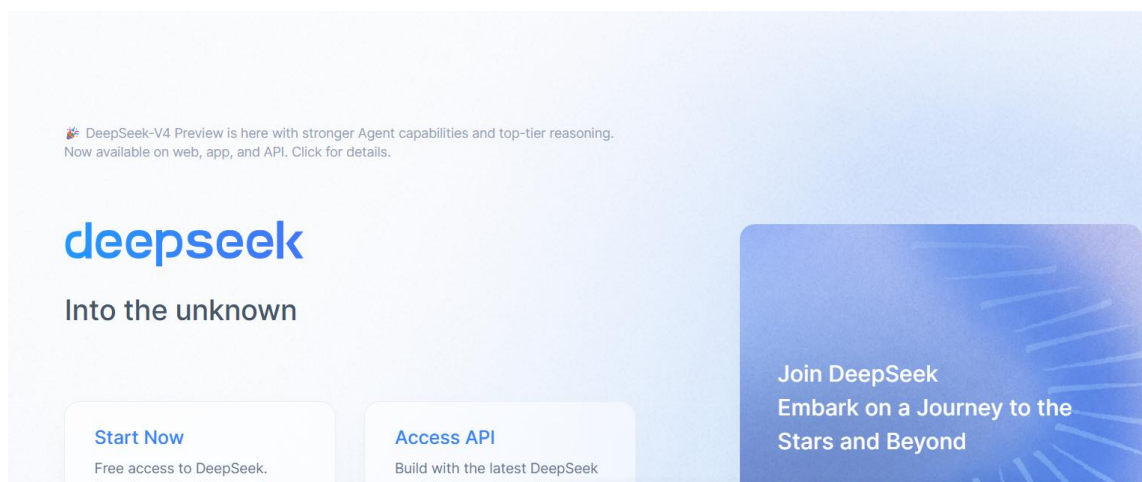
7. After the pop-up window appears, you need to click Cancel twice.

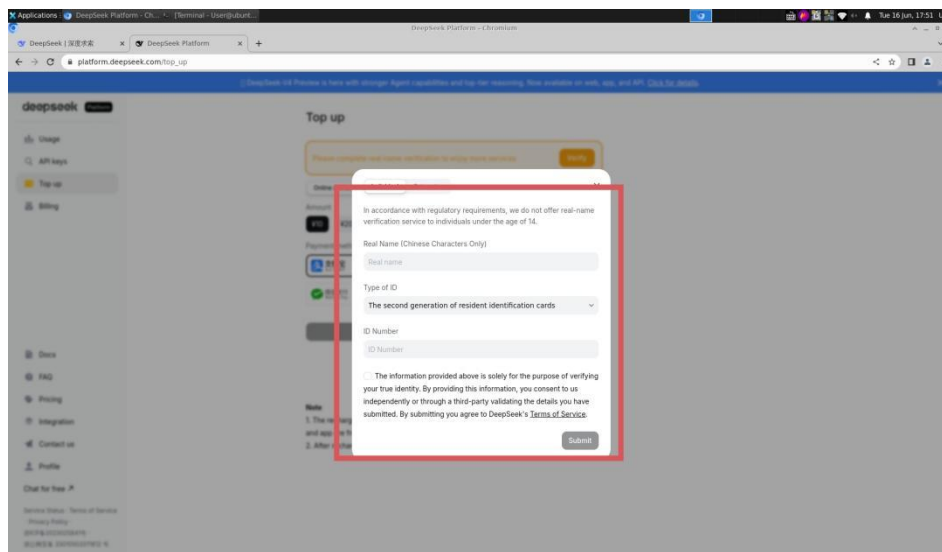
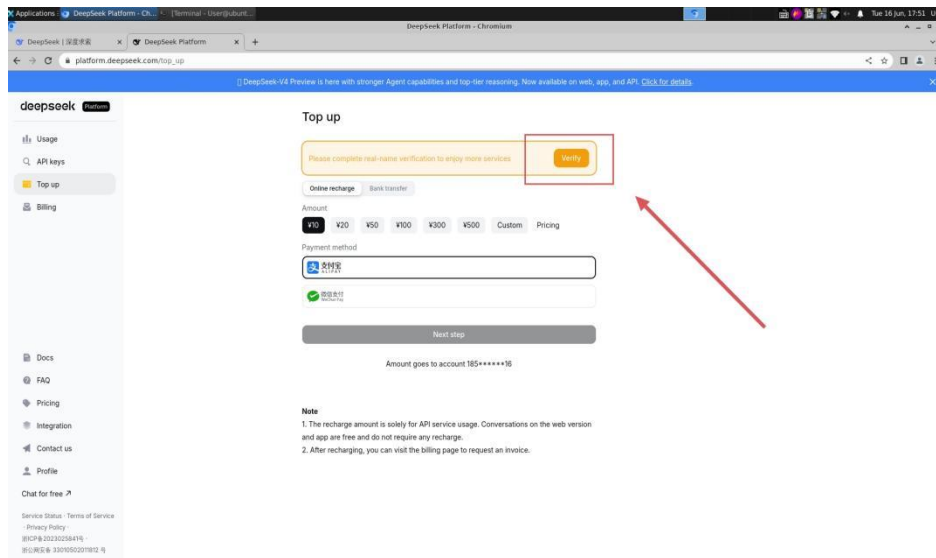


A. After opening your browser, search for the DeepSeek official website's open platform.

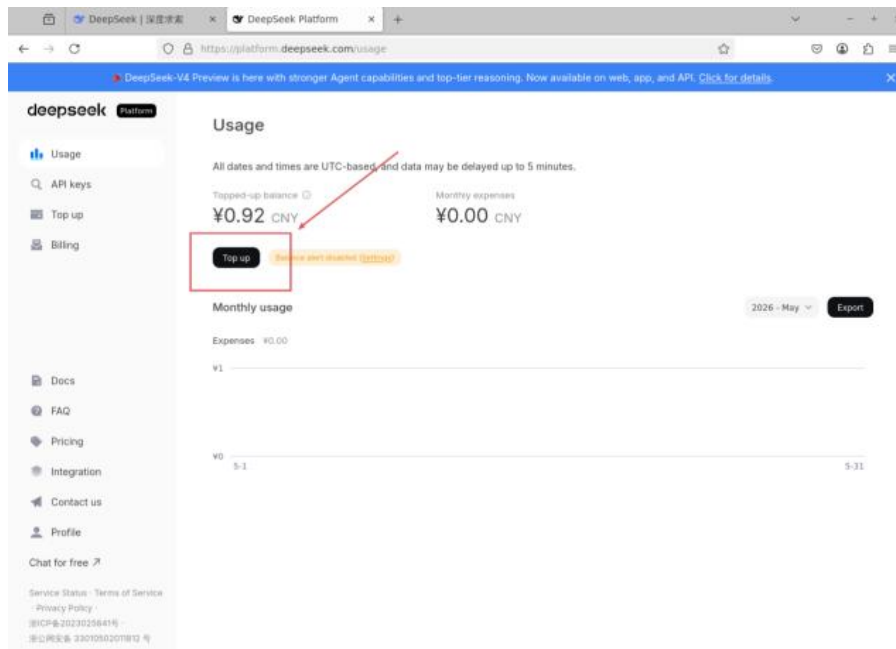


B. First-time login requires real-name authentication. Please configure your input method first. For detailed steps, please refer to step 5: Input Method Settings. Enter your real name before proceeding to the next step (skip this step if you have already authenticated).

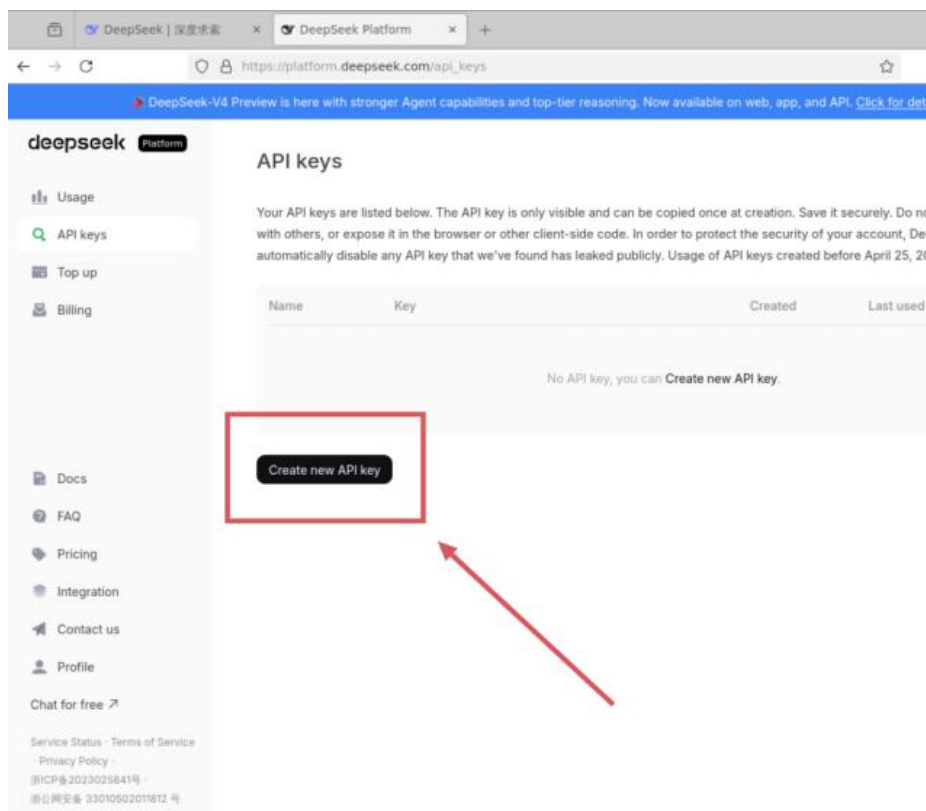


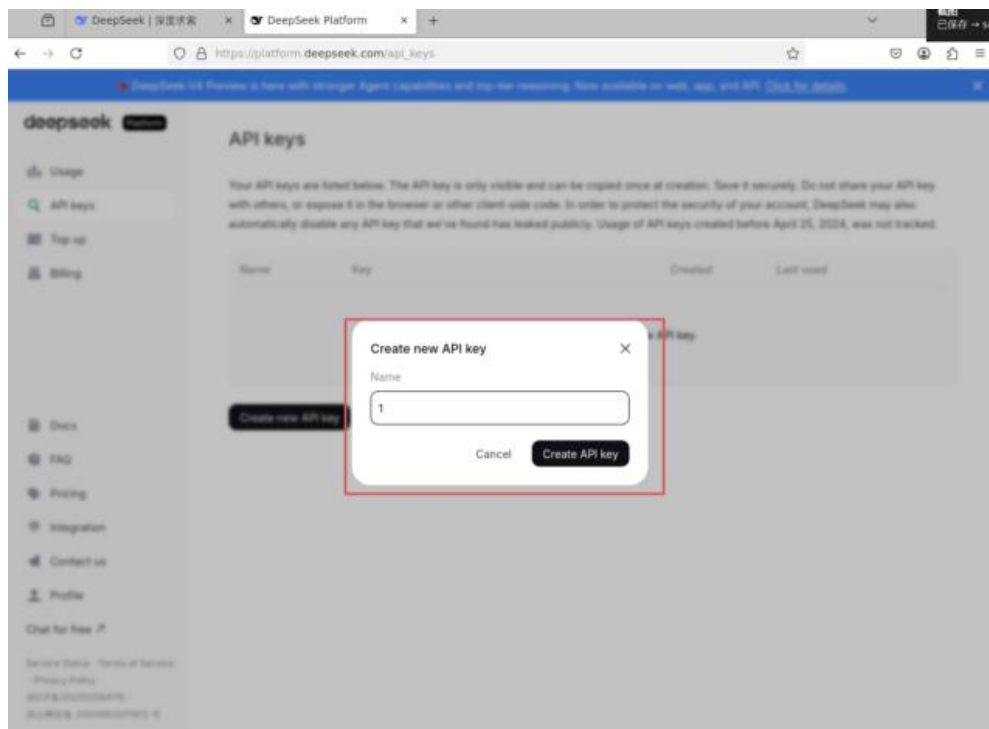


After logging in, click "Top up" to recharge.

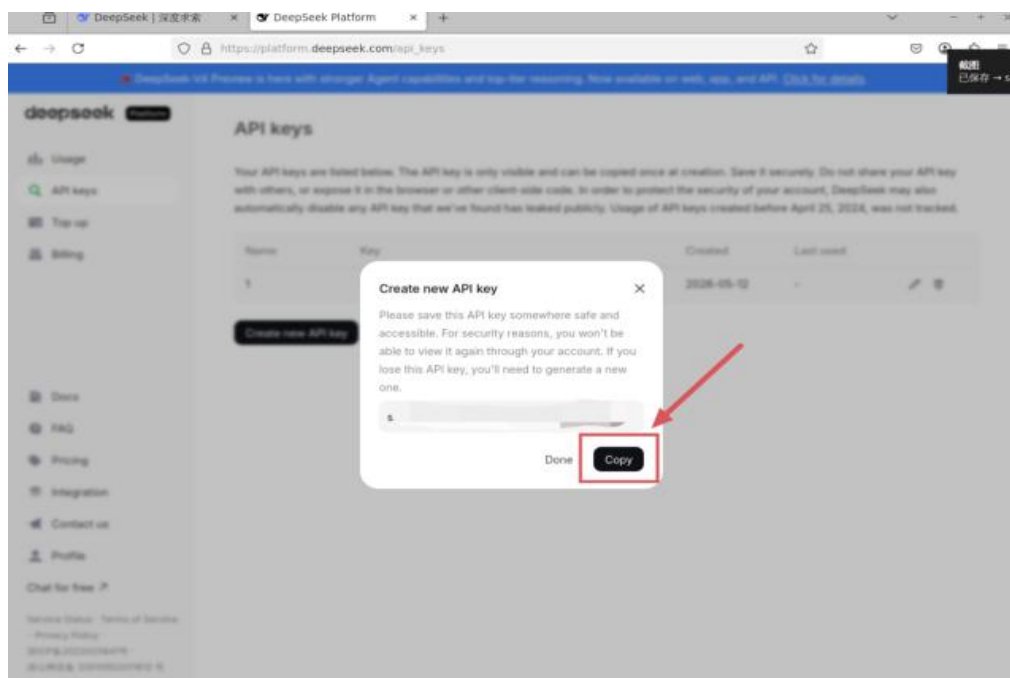


C. After recharging, create our API name, as shown in the image below.





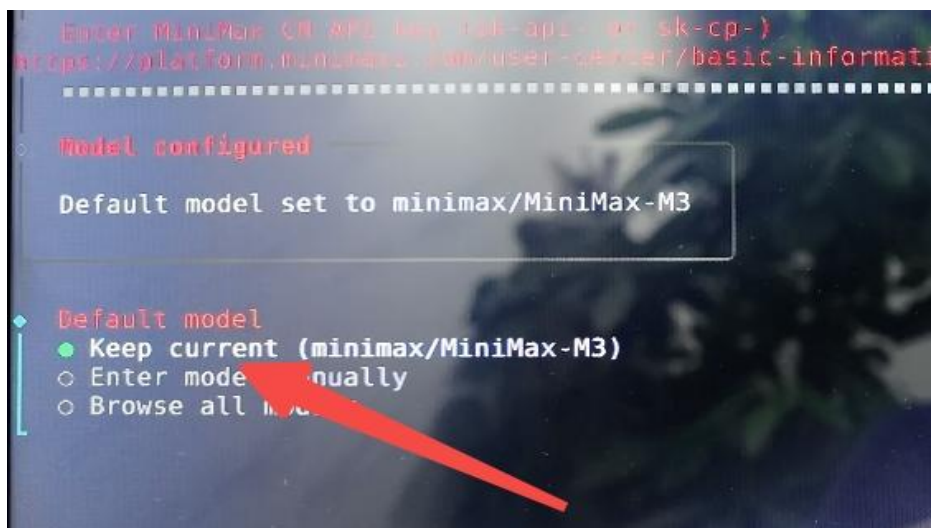
D. Copy the API to the page you just installed (right-click and paste).



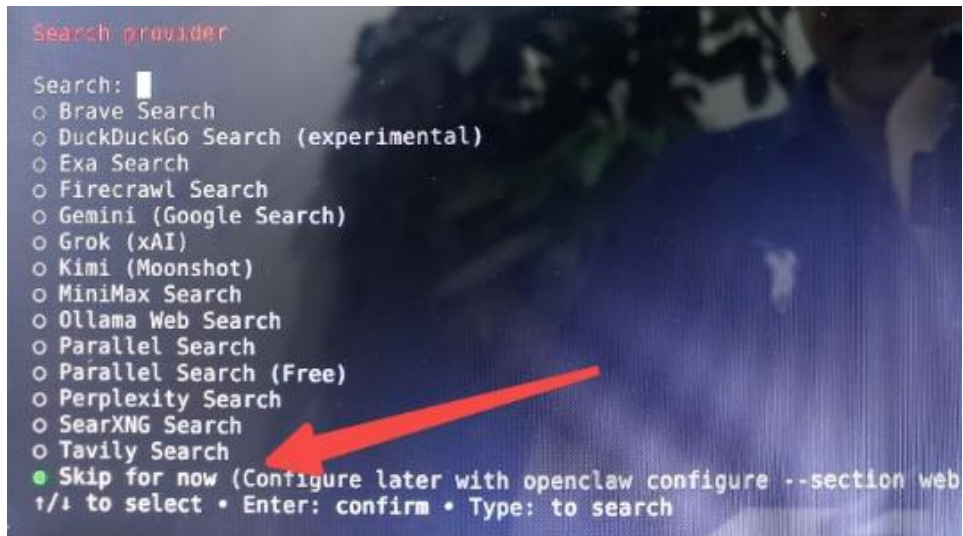


8. Follow the steps in sequence (press Enter to confirm):

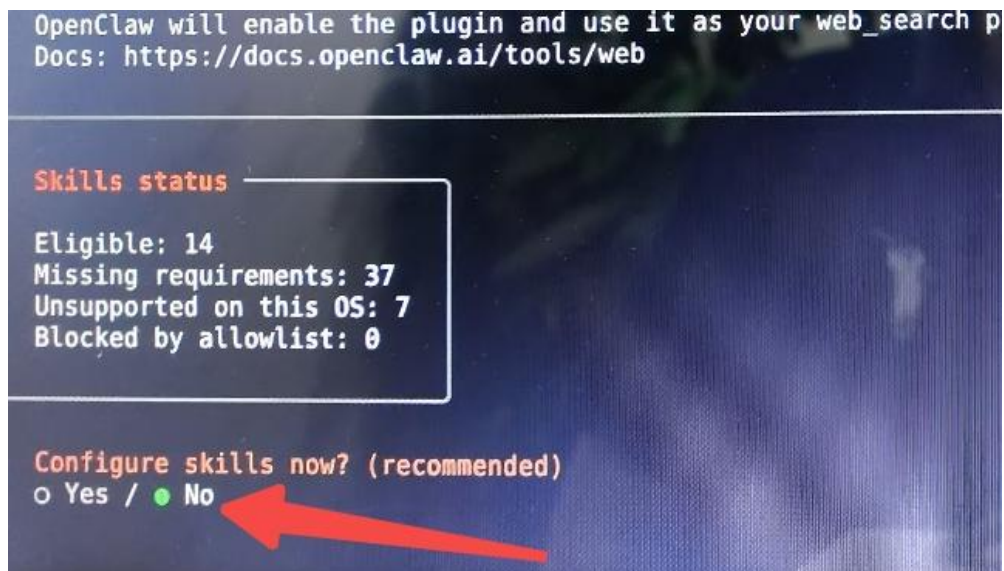
- Select Keep current



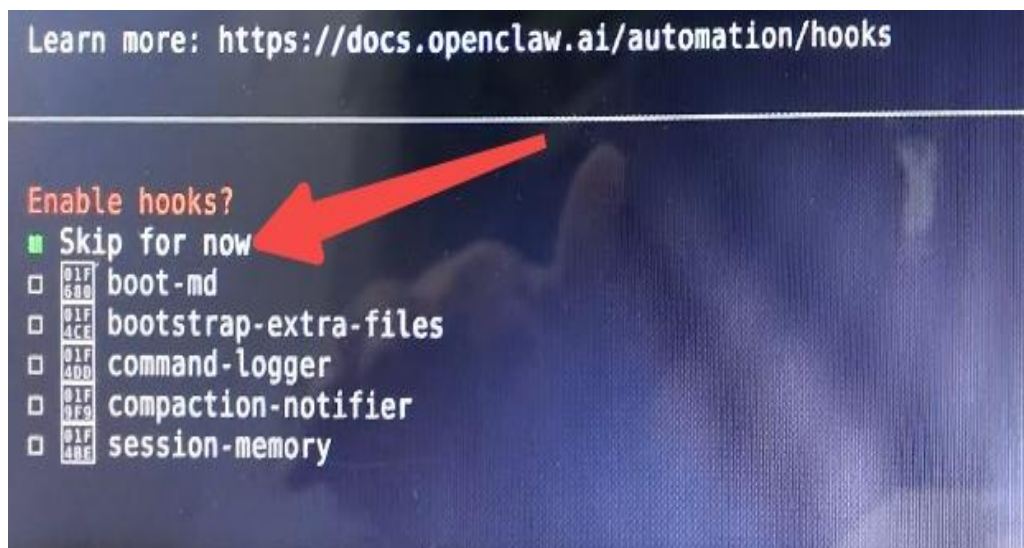
Press the down arrow key until you find "Skip for now" and select it.



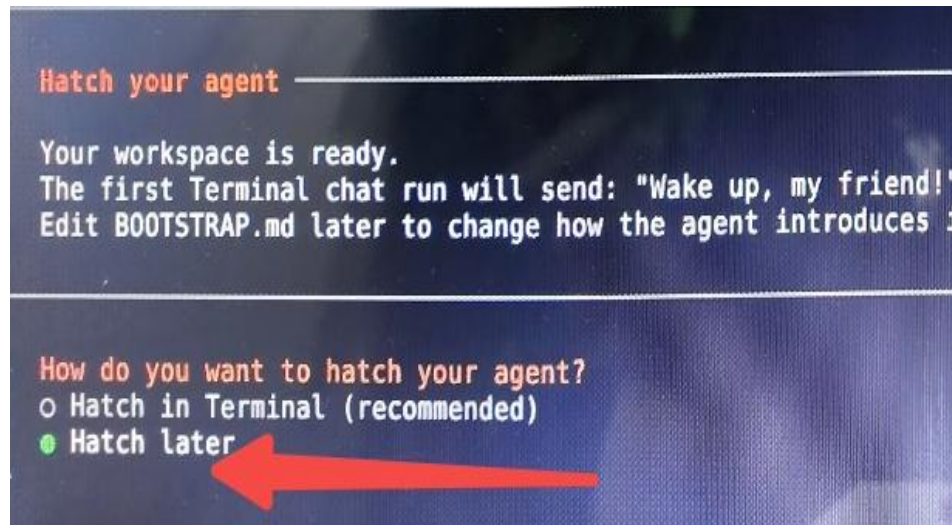
- No



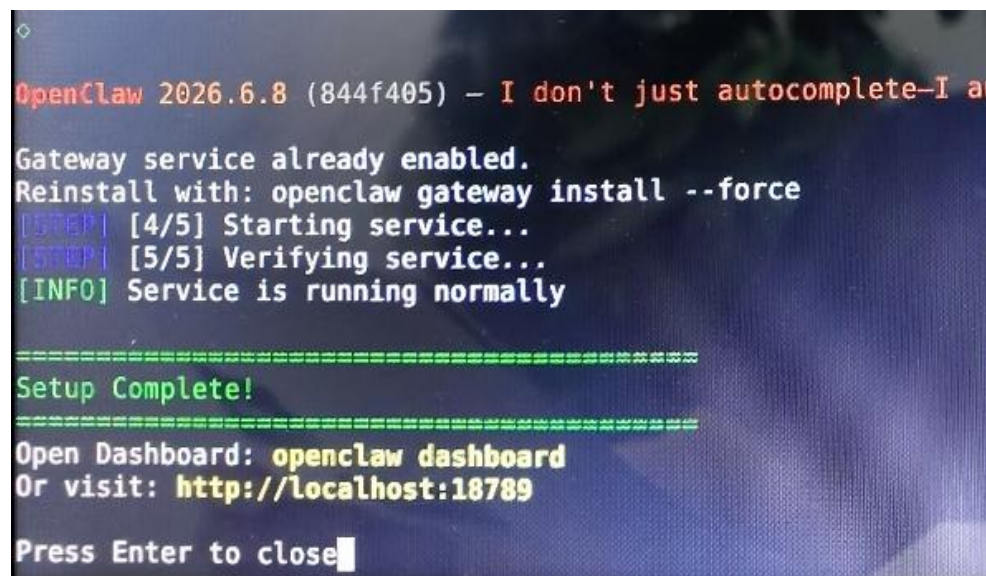
Select "Skip for now" : Press the Space-bar → Press Enter.



- Select Hatch later

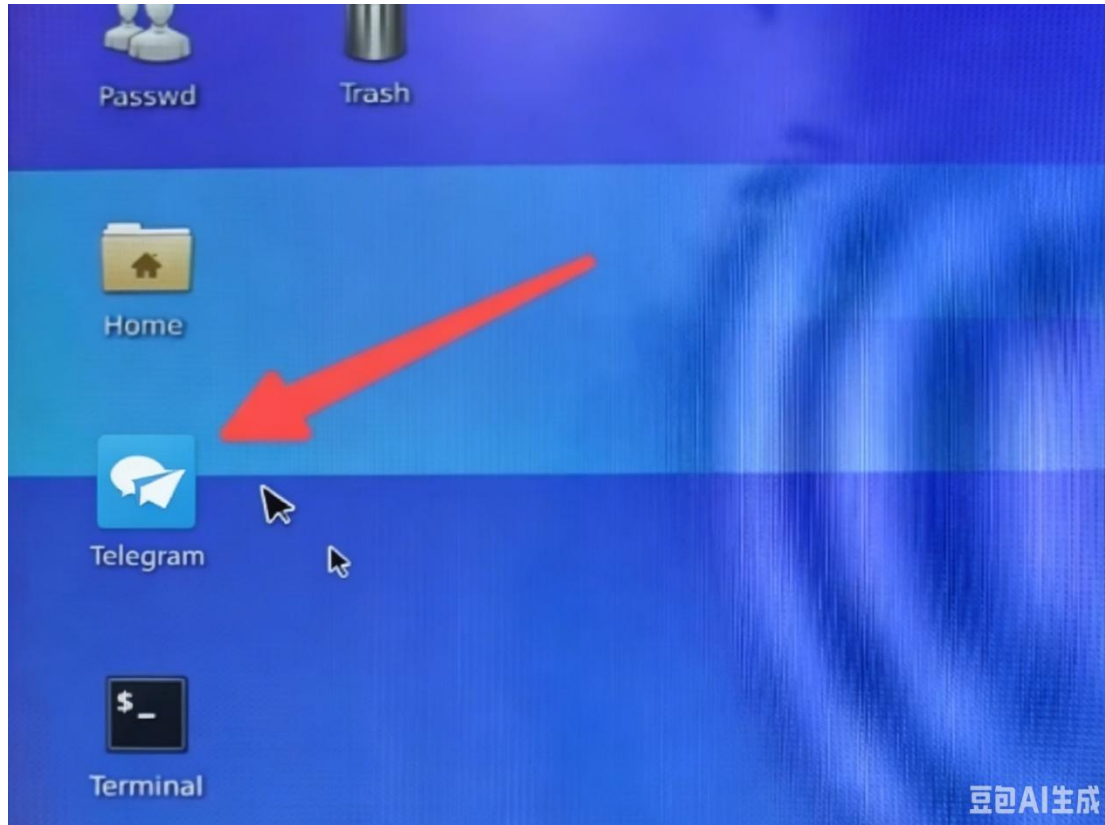


- After this page loads and appears, press Enter twice to exit.



Step 3. Install Telegram

How to install Telegram in the AI smart box? Click the Telegram icon on your desktop.



You can click the Icon, then go to find Botfather and input
`/newbot`

Then you can call your bot one name and send to telegram; then find out
the HTTP API: 8951887014: alike one line of word and number.

After you input the API key in the desktop process, just wait the process
ends. After the process is finished, you can use Telegram bot to
communicate with OpenClaw anytime and anywhere globally.

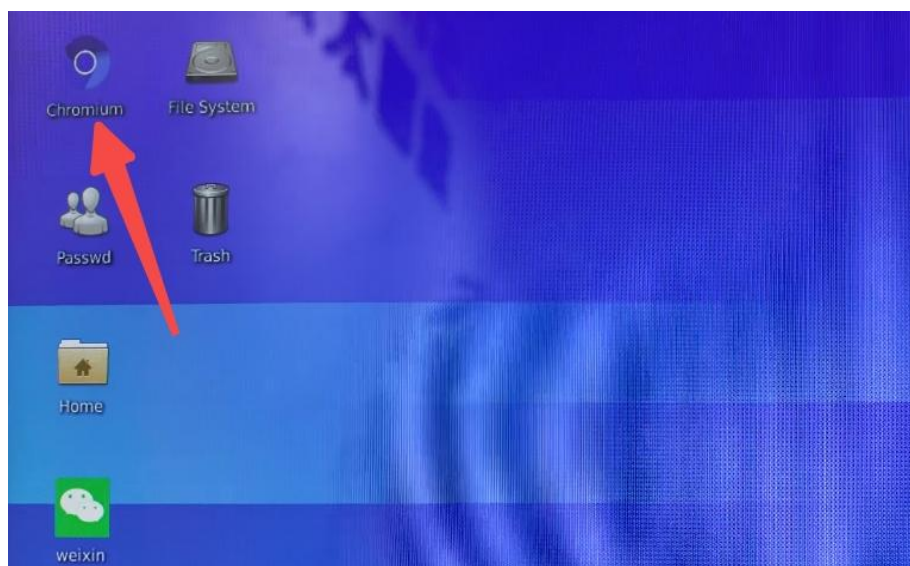
Once you've successfully communicated with Telegram, you can maintain constant communication with the STA-100 device.

You can also connect to Whatsapp, Discord, Teams etc. Mainstream IMs globally. Different IM will have a little different logic in the paring and just pay attention to this and follow the different steps strictly.

It is very easy that you just need to talk with the backend control board of OpenClaw in natural language.

Step 4: Use the web version of OpenClaw

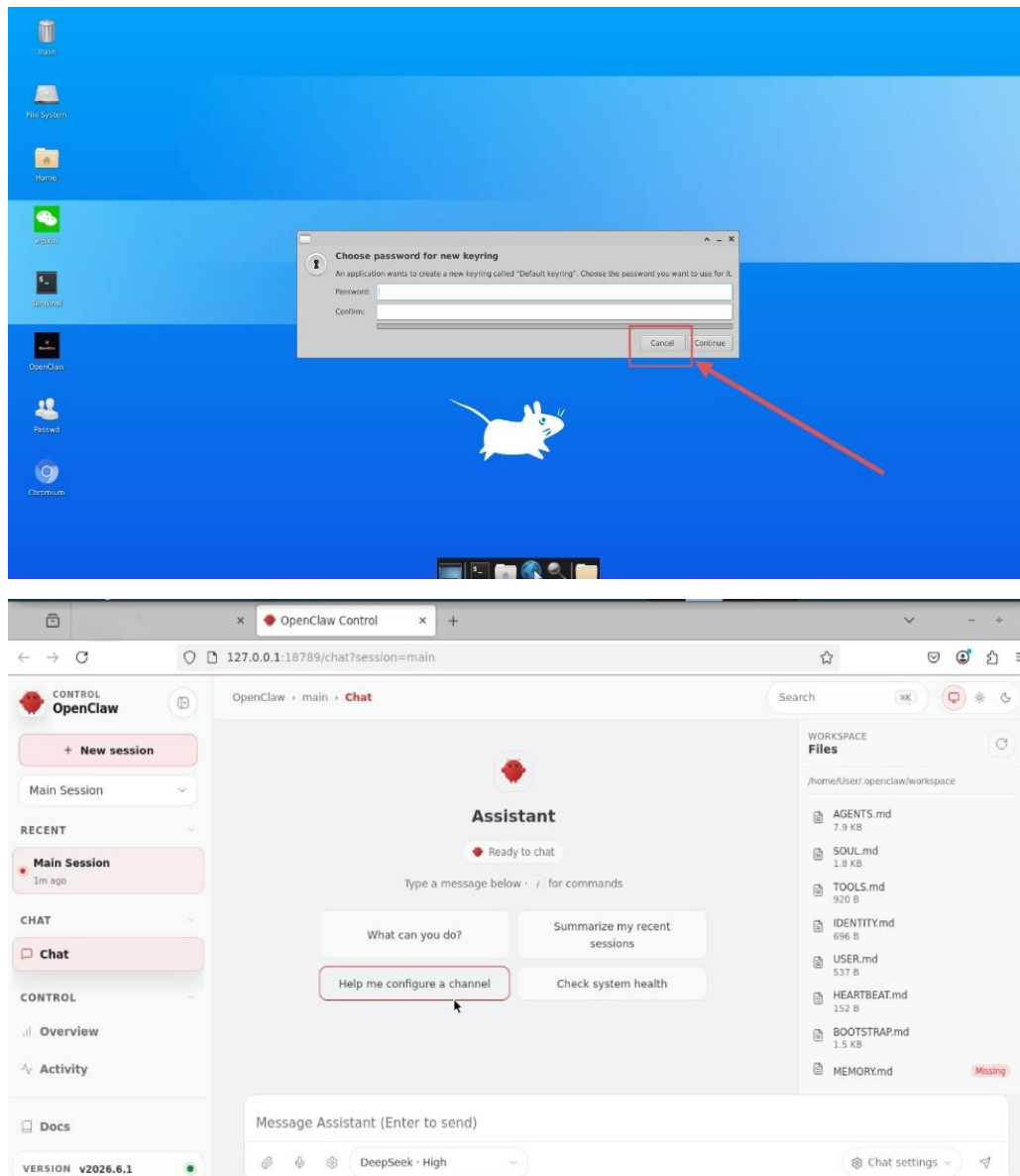
If you need to use the web version of OpenClaw later, click the Chromium icon on your desktop.



Press Enter twice while waiting for the page to load completely.

Clicking Cancel twice will automatically take you to the web-based

OpenClaw chat interface.



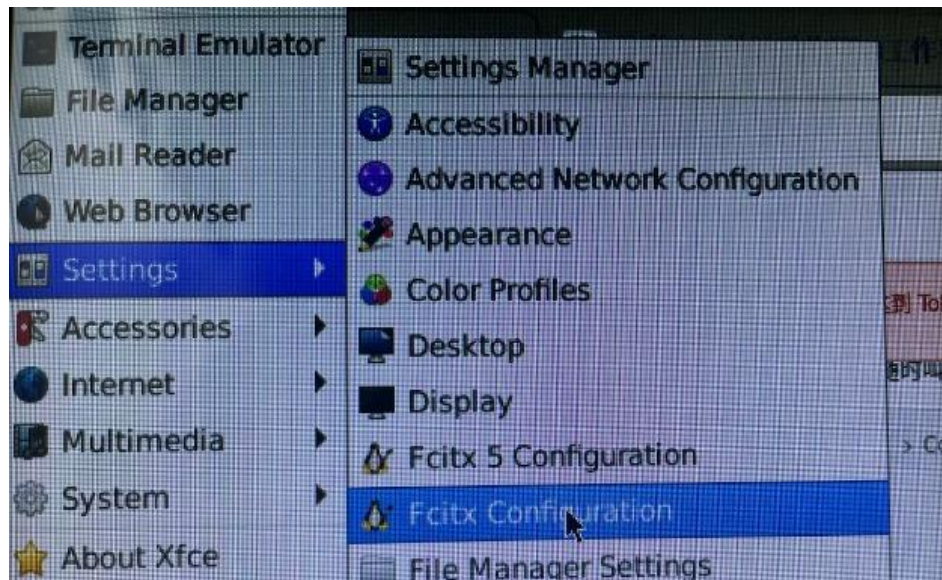
Note: The web-based version is primarily for inference purposes; it is not recommended for use when multiple web pages are open on the computer.

Step 5: Power off

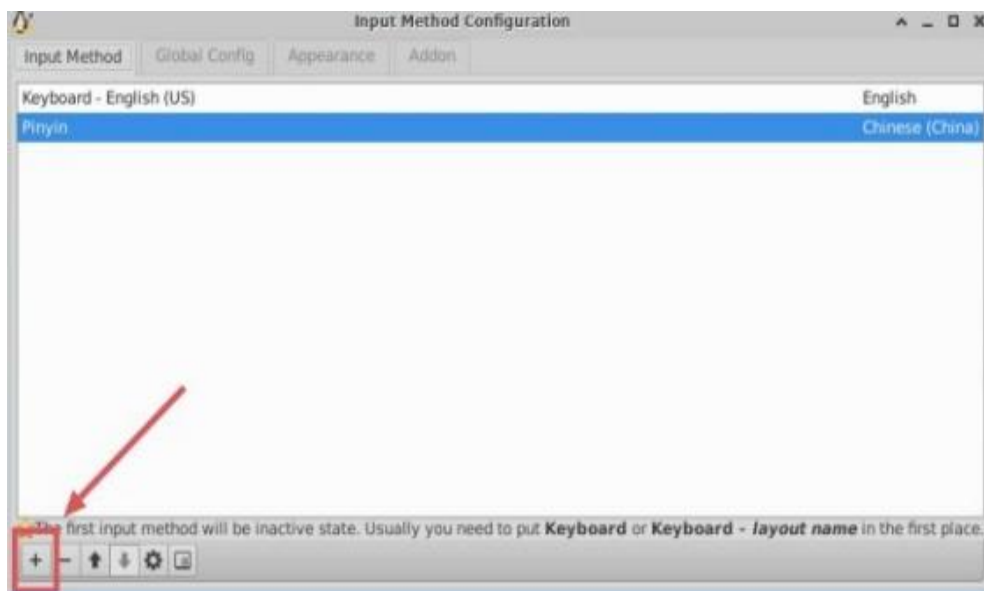
Press the power button to turn off the device → wait until the indicator light is completely off before unplugging the power cord.

Step 6: Input Method Settings

- Click Applications → Accessories → FcitiX in the top left corner of the screen. You can then switch between Chinese and English input methods by pressing Ctrl+Space.

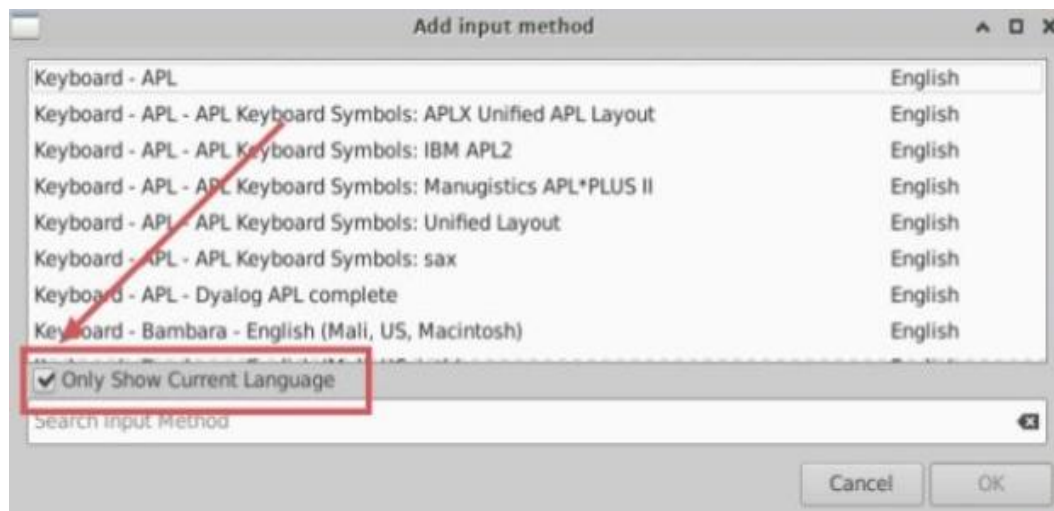


Follow the steps shown in the image below, and click the plus sign.

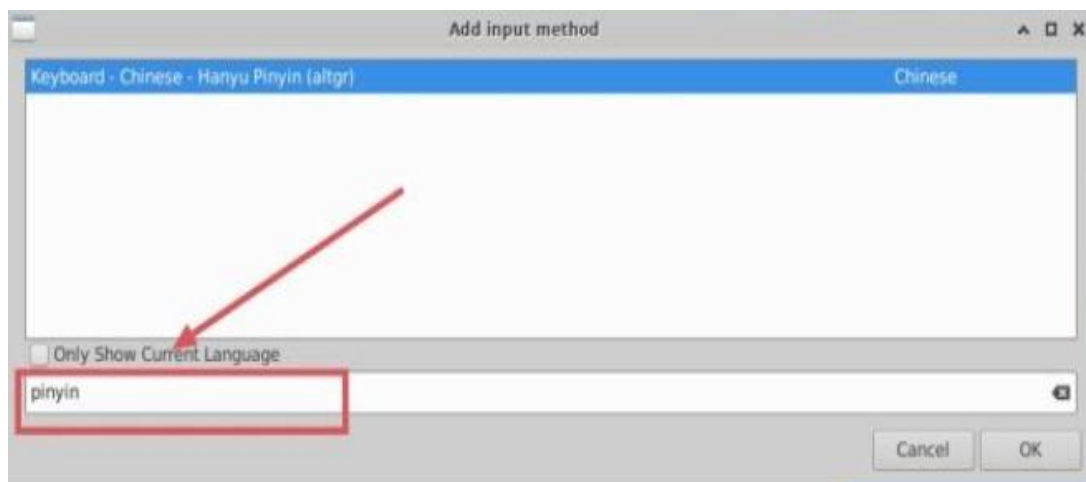


- Click

to cancel v



Search for the input method and language you need, select the desired language, and click OK to use it normally.



VII. Daily Use (No Monitor Required)

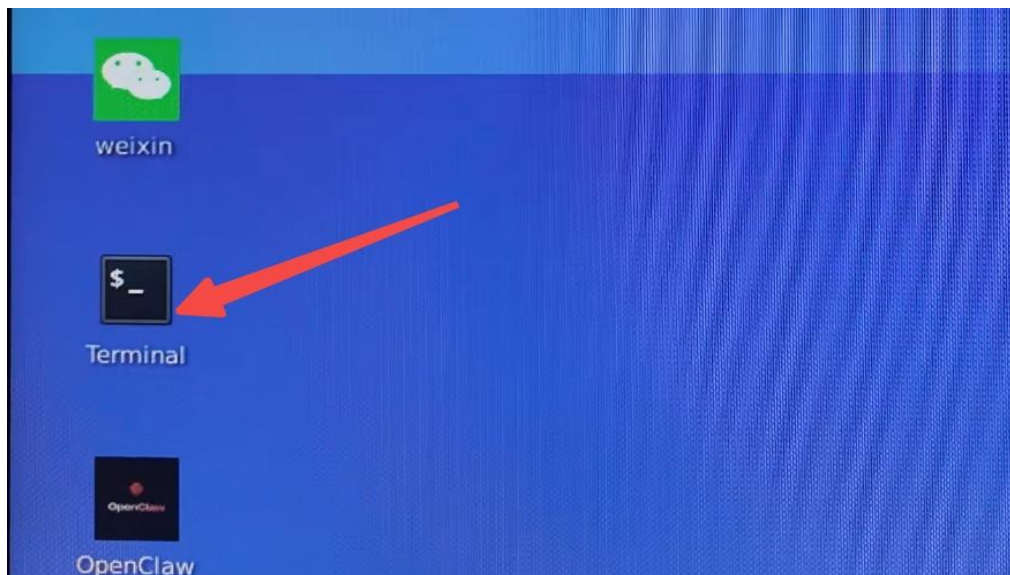
For future daily use, you will only need to:

Plug in → Wait 1-2 minutes, it will run automatically after the network is connected.

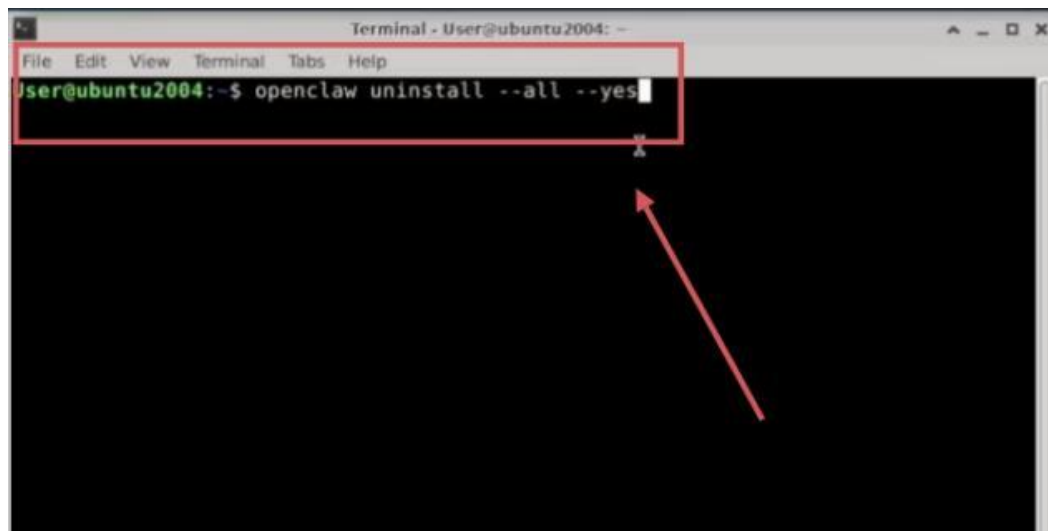


8. Uninstall

1. Find Terminal on your desktop and click it.



2. In this window, type ``openclaw uninstall --all --yes`` and press Enter to uninstall OpenClaw.

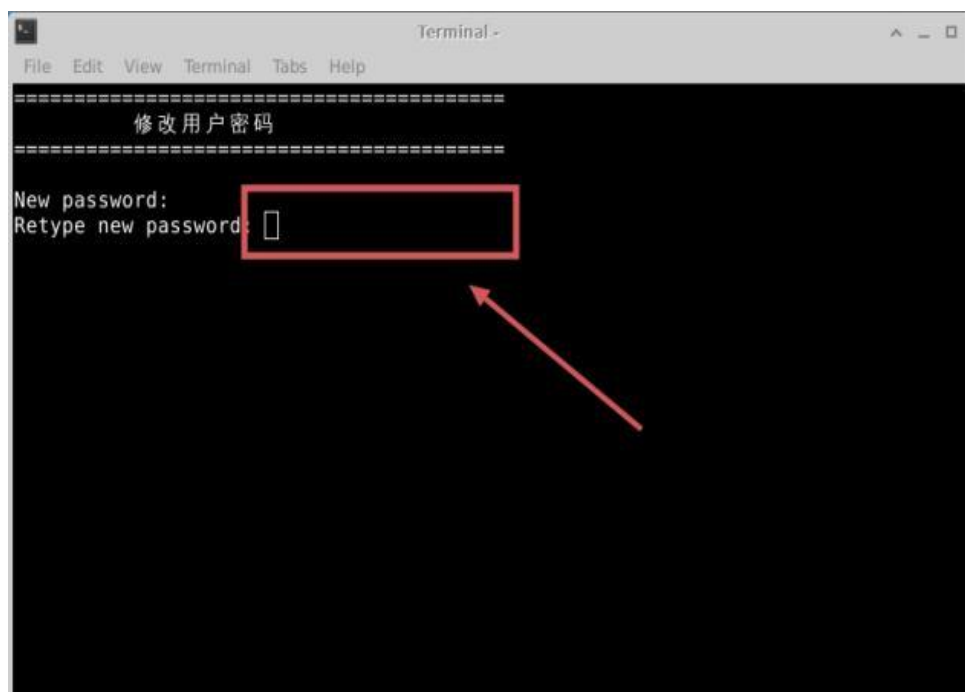
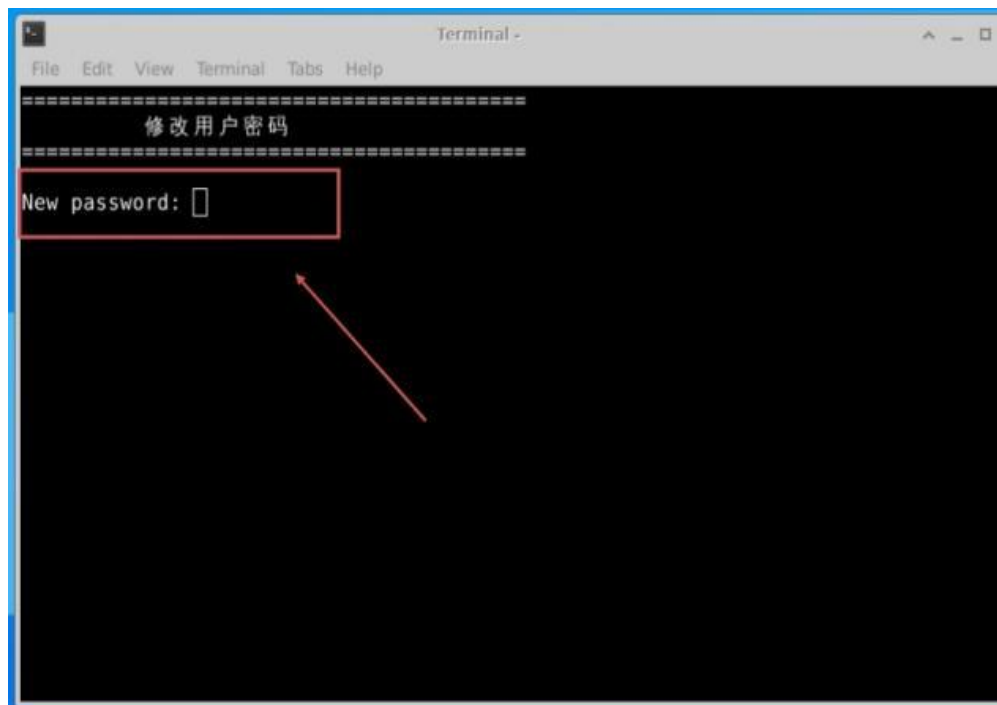


9. Change Password

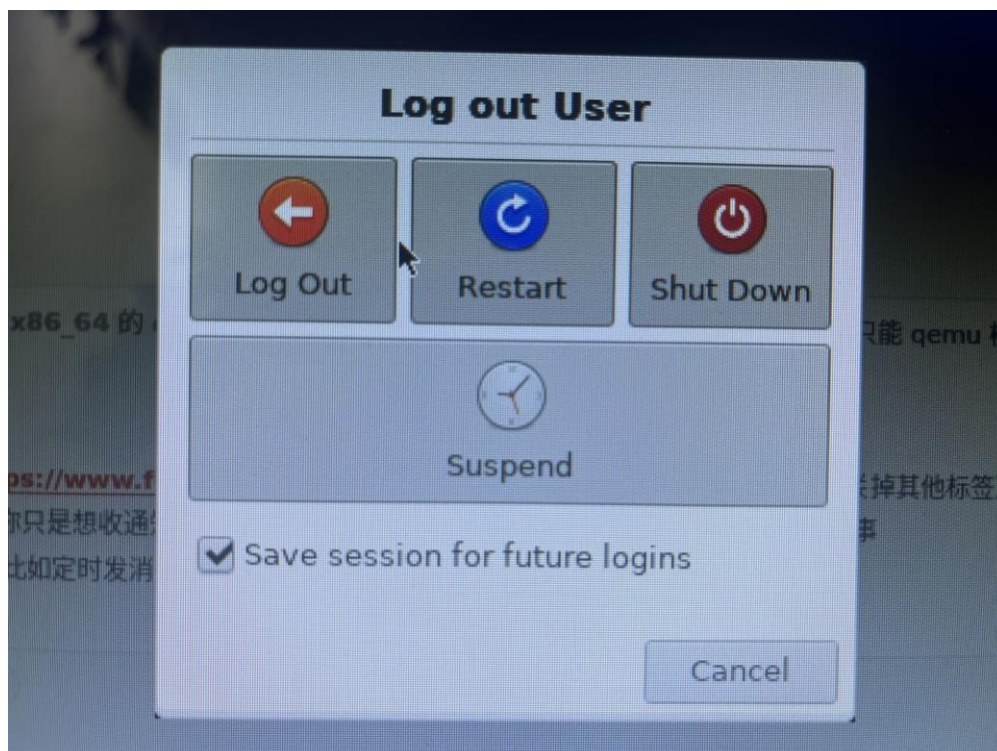
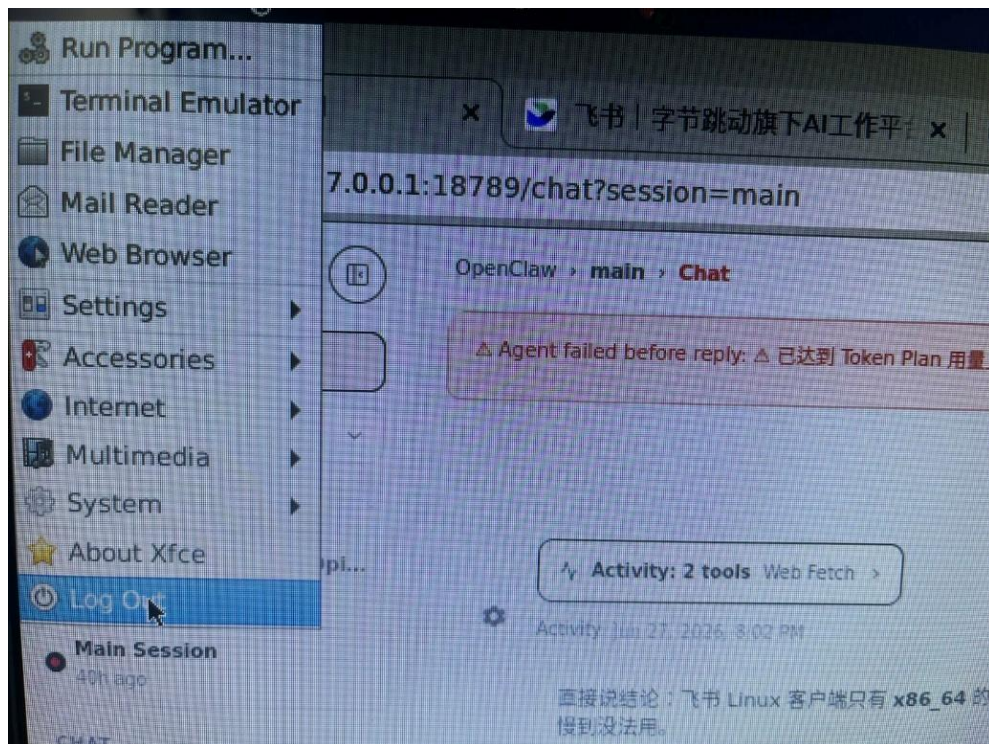
1. Open Passwd on your desktop.



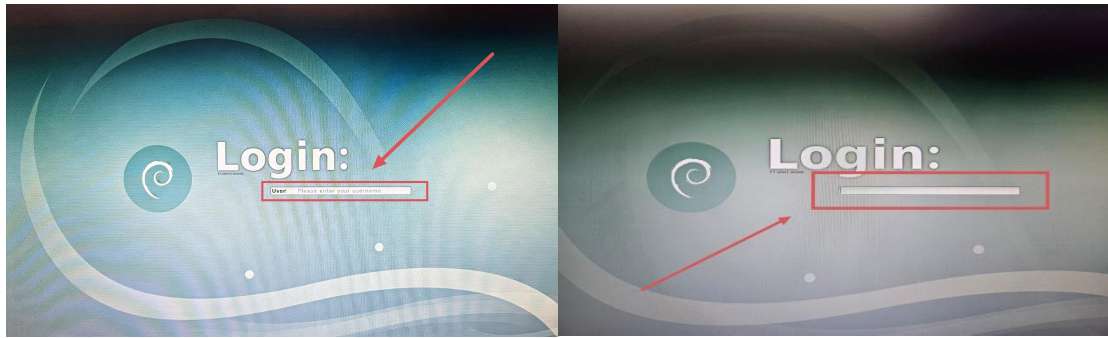
2. Start setting your password on this page (the password is not visible while you are typing it). You need to enter it twice (enter it once and press Enter, then enter it again). You will need the password to log in the next time you start your computer.



10. To lock the screen, simply click the Log Out icon in the top left corner of the desktop twice.



After powering on, the first time you are prompted, enter the username "User" and press Enter, then enter your password and press Enter again.



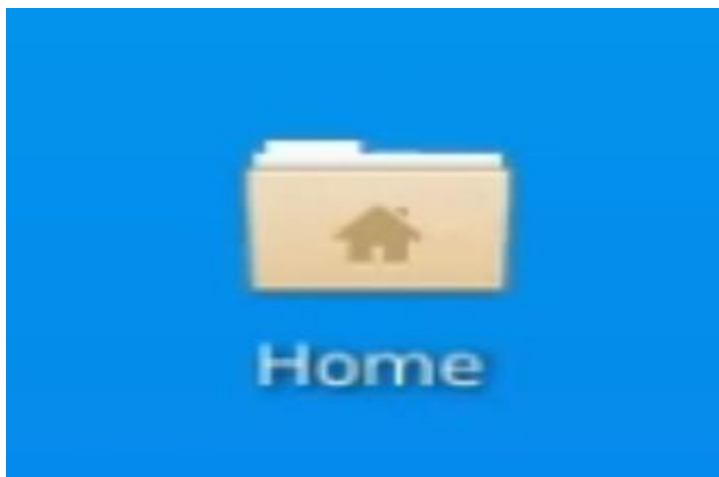
If you need to change your password later, just follow the steps above to change it again.

11. Save chat history (This step is essential; otherwise, the chat history cannot be saved)

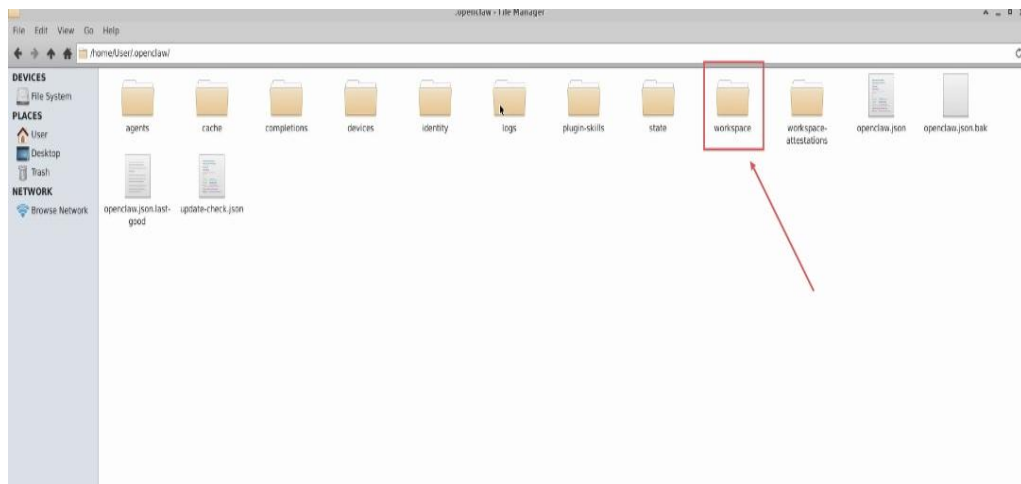
Open the web version of the AI chat interface or send a greeting via WeChat or Lark that you have already linked. Then send the command: "Memory this message list". The AI will automatically save the chat history. (**Note: This command is for reference only and is not a standard template. Users can define their own communication commands according to their actual situation.**)



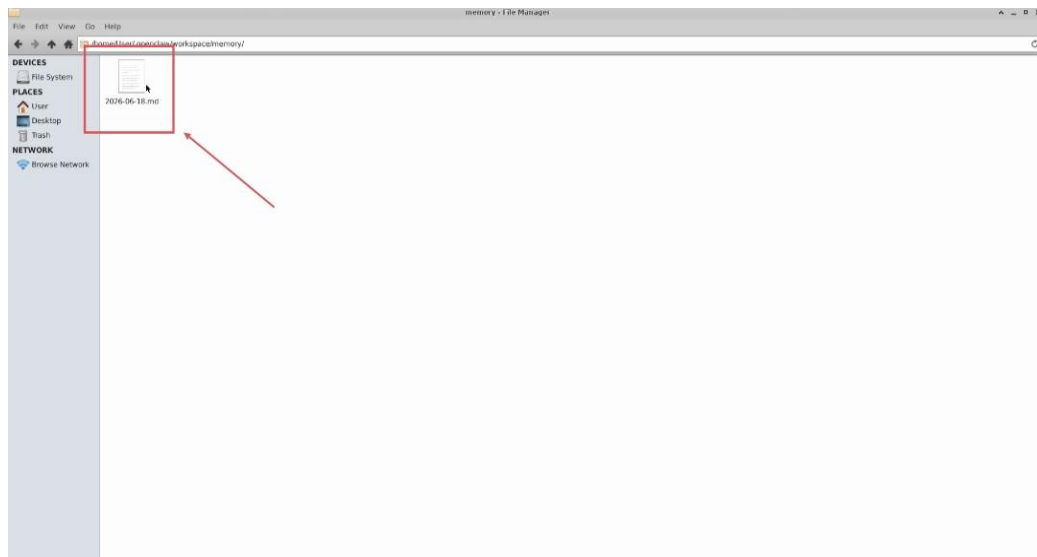
To view the chat history later, simply click the Home button on your desktop.

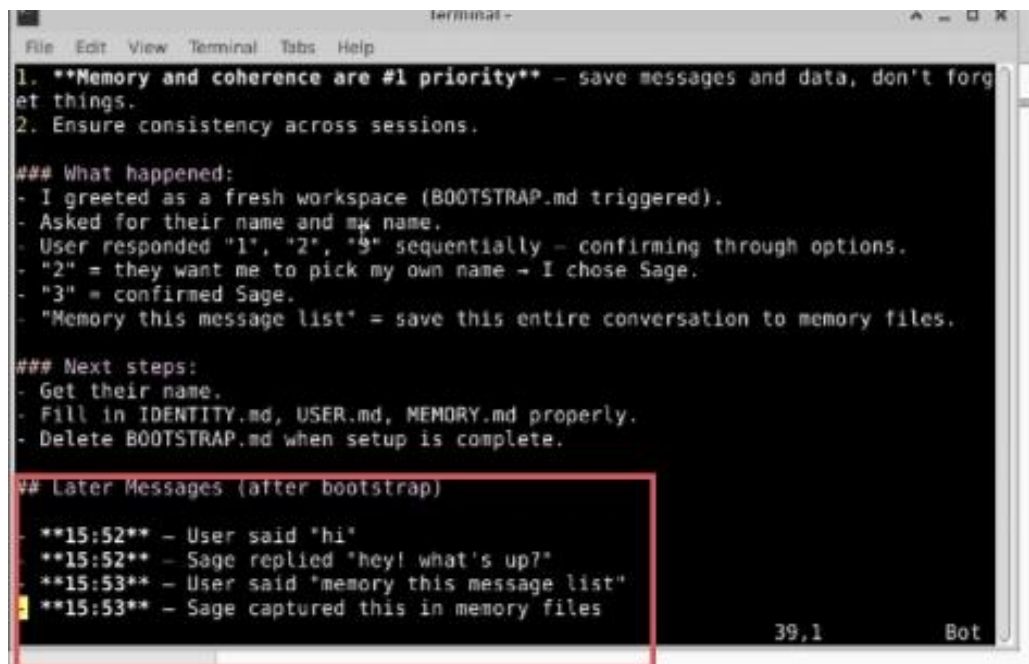


Note: The OpenClaw folder will not be visible on the following page, so we need to press Ctrl+H to reveal the hidden OpenClaw folder.



Open this document and scroll down to see the chat history.





```
1. **Memory and coherence are #1 priority** – save messages and data, don't forget things.
2. Ensure consistency across sessions.

### What happened:
- I greeted as a fresh workspace (BOOTSTRAP.md triggered).
- Asked for their name and my name.
- User responded "1", "2", "3" sequentially – confirming through options.
- "2" = they want me to pick my own name – I chose Sage.
- "3" = confirmed Sage.
- "Memory this message list" = save this entire conversation to memory files.

### Next steps:
- Get their name.
- Fill in IDENTITY.md, USER.md, MEMORY.md properly.
- Delete BOOTSTRAP.md when setup is complete.

## Later Messages (after bootstrap)
- **15:52** – User said "hi"
- **15:52** – Sage replied "hey! what's up?"
- **15:53** – User said "memory this message list"
- **15:53** – Sage captured this in memory files

39,1 Bot
```

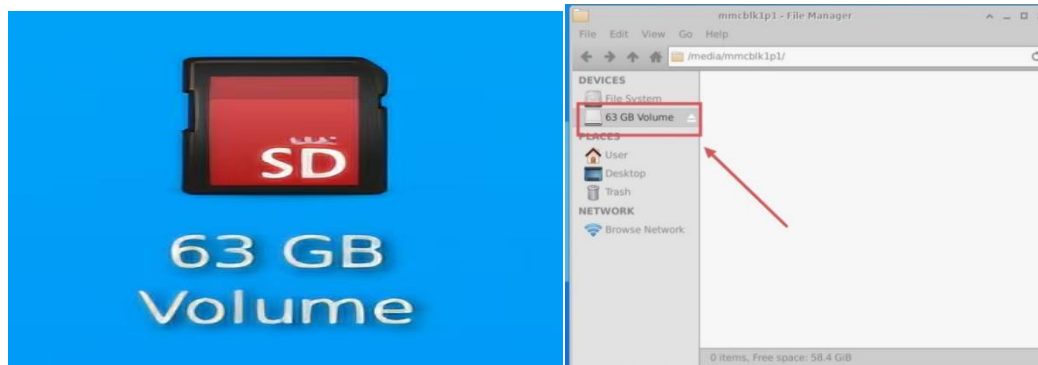
12. Frequently Asked Questions

1. It's okay if you chose the wrong option, just turn off the computer and try again.
2. Indicator light not on? Check if the power cord is plugged in securely, or try a different outlet.
3. Can't open web pages? Ensure the host has been powered on for more than 2 minutes, the device and host are on the same network, and the bookmark address is correct.
4. Is the screen stuck during installation? That's normal. Just wait a few minutes. If there's no response after 10 minutes, unplug the power and try again.
5. Did you select the wrong operation? Just turn off the device and start over; it won't damage the equipment.

6. Having trouble connecting your wireless mouse? Ask Xiaolongxia to help you connect; many software problems can be solved directly by Xiaolongxia .

XIII. Precautions

- Do not unplug the power while the device is running; turn it off first.
- Keep dry and do not block the ventilation holes.
- Unplug the power cord if not in use for a long time
- See the image below for the TF card path. After inserting it, an icon will appear on your desktop; click on it to see the card.

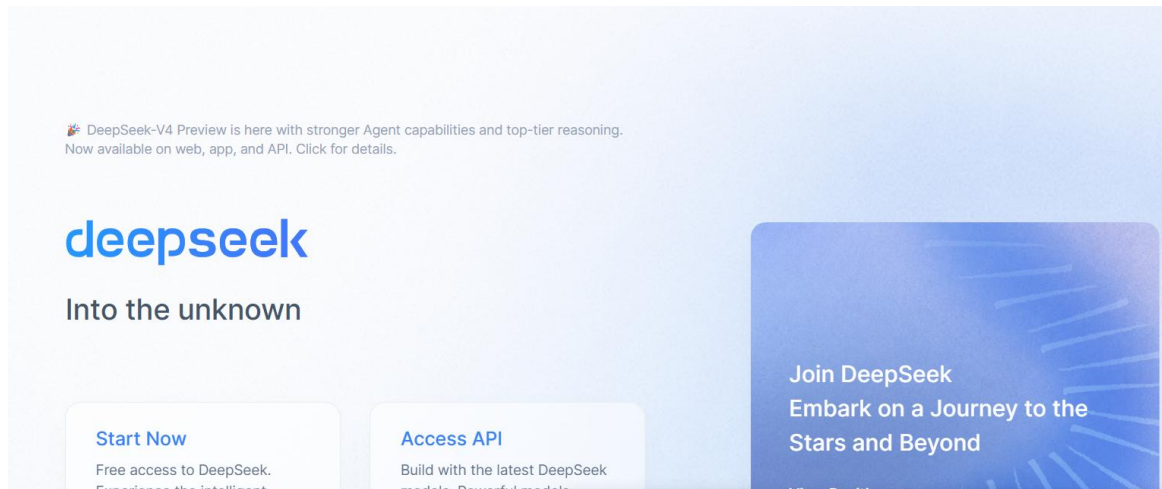


Note: Always purchase original, high-quality SD cards from official platforms such as JD.com; white-label products lack long-term stability.

14. Reference URLs for Large Model API Keys (These can also be found by searching various model open platforms in your browser; the following are for reference, or refer to the official OpenClaw website or the official instructions from large model companies).

Deepseek LLM Model

Official website: <https://www.deepseek.com/>

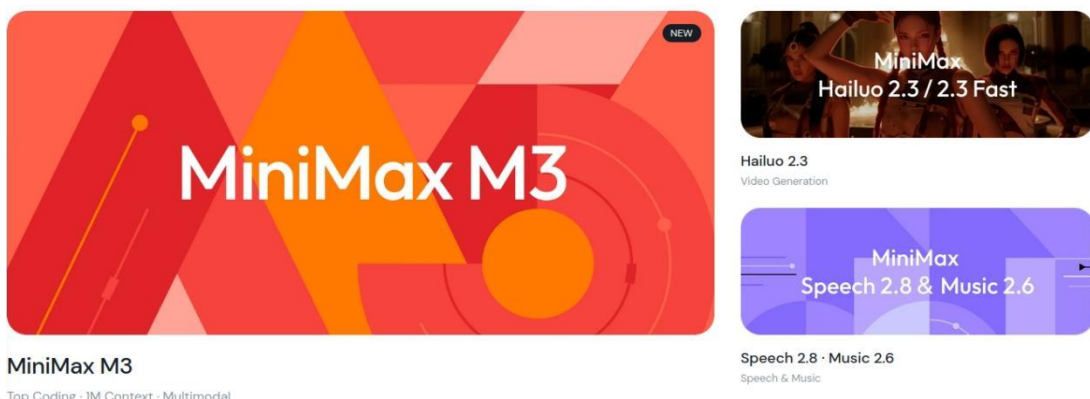


Minimax LLM Model

Official website: platform.minimaxi.com

Flagship Models

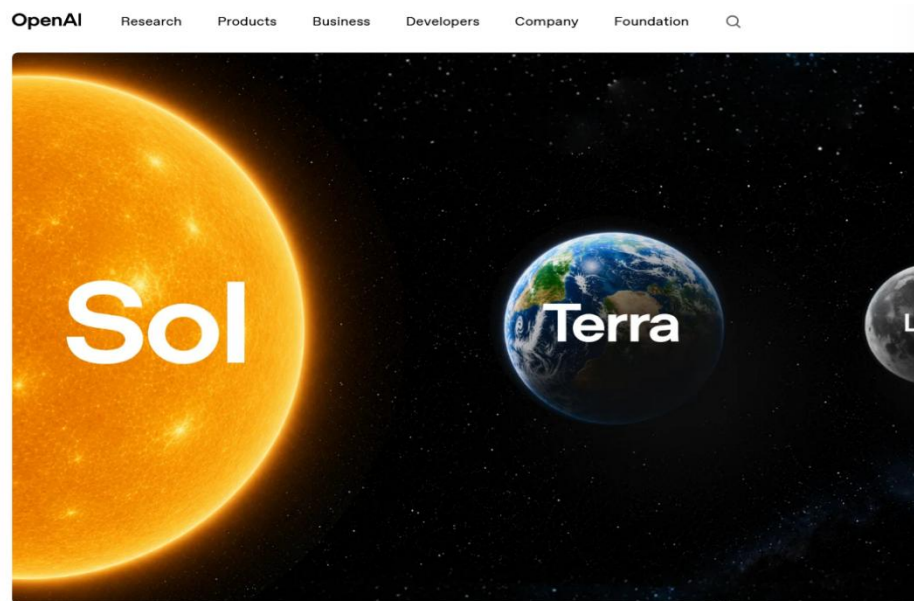
Minimax's latest featured models — Language / Video / Speech & Music



Advantages: Affordable price, annual packages available.

OpenAI LLM Model

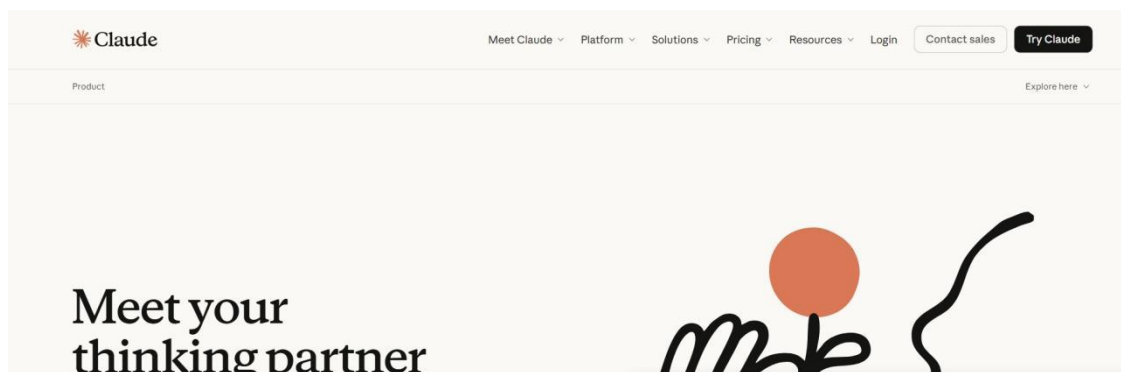
Official Website: <https://openai.com/>



Previewing GPT-5.6 Sol: a next-generation model

Anthropic LLM Model

Official Website: <https://claude.com/product/overview>



More Available or On the way...

Note: API key configurations vary slightly between different brands; the above is for reference only. The capabilities of different models also differ, each with its own strengths. Generally, OPENAI and CLAUDE from overseas are the strongest models in the industry. You can choose a larger model based on your budget to use with our OPENCLAW intelligent agent engine.

Important usage instructions:

All OpenClaw usage instructions in this manual are for reference only. If any issues arise, please refer to the official OpenClaw update instructions first.