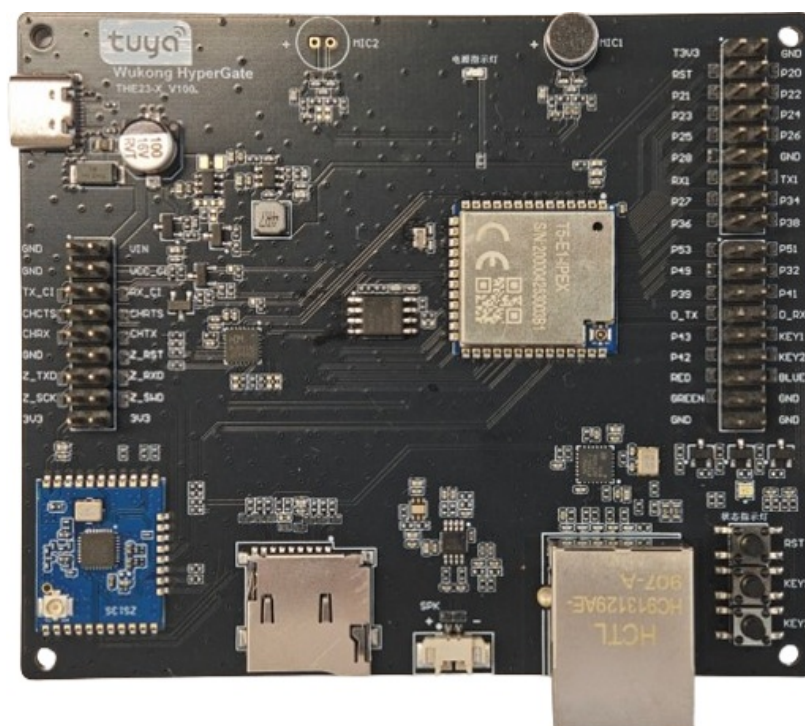


Contents [[hide](#)]

- [1 Tuya T5-AI Gateway Development Board](#)
- [2 INTRODUCTION](#)
- [3 Wiring](#)
- [4 Flashing guide](#)
- [5 OTA update on the platform](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)



Tuya T5-AI Gateway Development Board

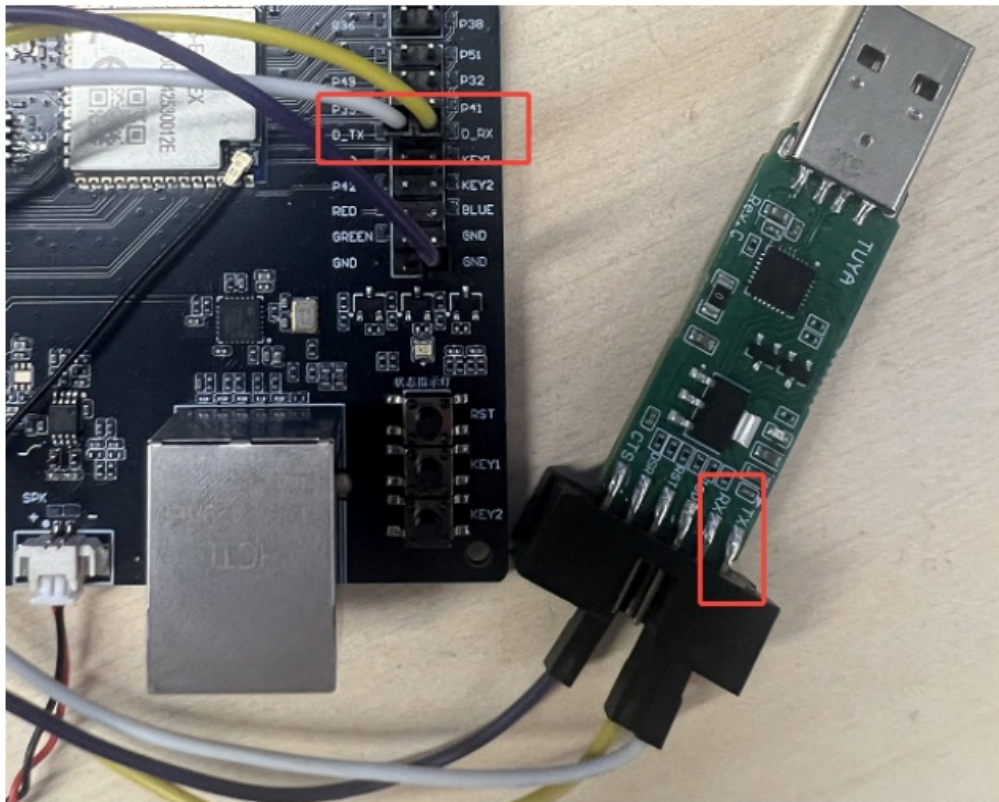


INTRODUCTION

- This topic describes how to flash the firmware to the T5-AI gateway development board.

Wiring

- Use the USB to UART converter to connect the development board, as shown below.



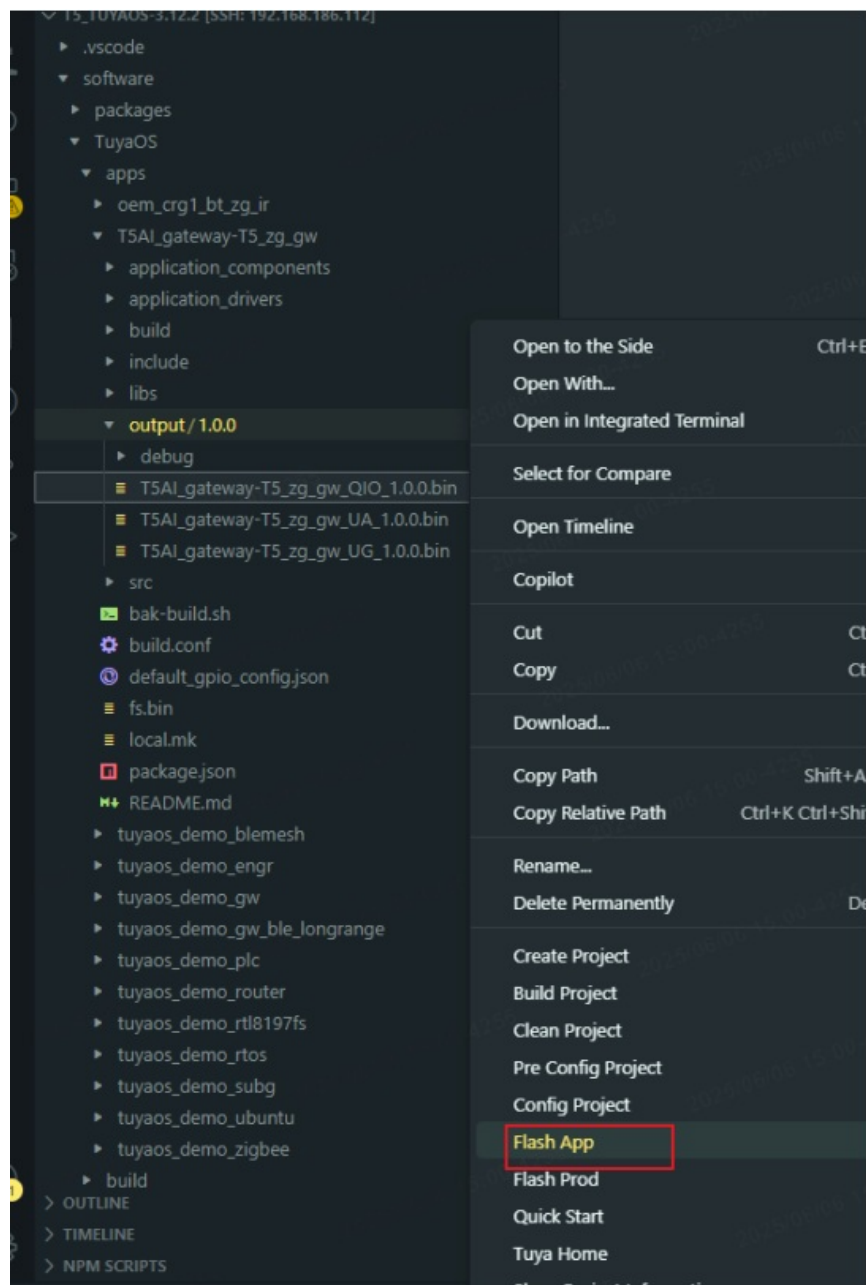
Pins on the flashing tool

Pin Description

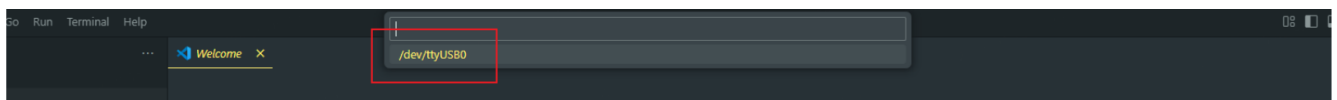
- **D_TX/D_RX** Authorisation and flashing port
- **GND** Ground

Flashing guide

1. Go back to Tuya Wind IDE, find the generated target QIO file, right-click, and select Flash App.



2. Select the serial port.



3. If the terminal remains stuck at Waiting Reset..., it indicates that this hardware does not support the auto-reset feature. You must press the reset (RST) button to restart the device.



4. On receiving the device restart signal, the Tuya Wind IDE begins flashing the firmware. When the terminal shows information like this, it indicates that the flashing process is completed.


```
> cd /home/pc/Documents/tuya/Projects/T5_TuyaOS-3.12.2
> /home/pc/.tuya/ide_serial/tyutool_cli write -d "T5" -f "/home/pc/Documents/tuya/Projects/T5_TuyaOS-3.12.2/software/TuyaOS/apps/T5AI_gateway-T5_z
g_gw/output/1.0.0/T5AI_gateway-T5_zg_gw_QIO_1.0.0.bin" -p "/dev/ttyUSB0"
[INFO]: tyut_logger init done.
[INFO]: Run Tuya Uart Tool.
[INFO]: Use default baudrate: [921600]
[INFO]: Use default start address: [0x00]
[INFO]: Waiting Reset ...
[INFO]: unprotect flash OK.
[INFO]: sync baudrate 921600 success
Erasing: 100% 6 bytes/s 0:00:20 / 0:00:00
[INFO]: Erase flash success
Writing: 100% 57 bytes/s 0:01:19 / 0:00:00
[INFO]: Write flash success
[INFO]: CRC check success
[INFO]: Reboot done
[INFO]: Flash write success.
```

OTA update on the platform

How it works:

1. Upload the firmware to the [Tuya Developer Platform](#). For more information, see [Manage Firmware](#).
2. Configure the firmware version. For more information, see [Update Firmware](#).
3. Trigger the update using the mobile app.

Documents / Resources

 Flash Firmware Version: 0.0.0.0	tuya T5-AI Gateway Development Board [pdf] Instruction Manual T5-AI Gateway Development Board, T5-AI, Gateway Development Board, Development Board, Board
---	---

References

- [User Manual](#)

 Board, Development Board, Gateway Development Board, T5-AI, T5-AI Gateway Development Board,
 Tuya [tuya](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.