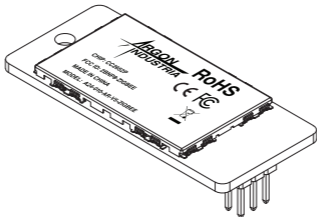




ZIGBEE Module

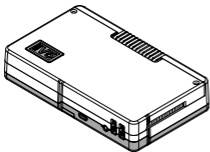
ONE V5



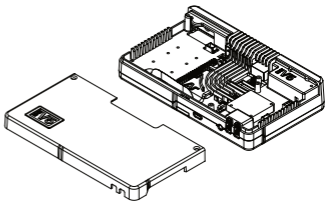
Instruction Manual

ASSEMBLY INSTRUCTIONS

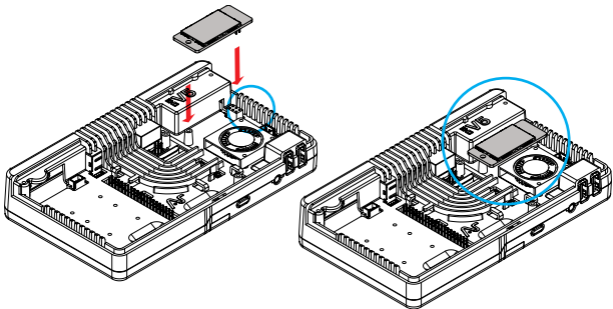
1. Fully assemble Argon ONE V5 case.



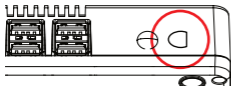
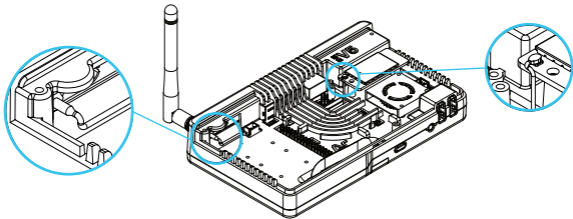
2. Remove the Top Cover from the Argon ONE V5.



3. Connect the Argon Industrial V5 ZigBEE Module as shown in the image.



4. Connect the Argon Industrial V5 ZigBEE antenna as shown in the image.



When inserting the antenna, make sure that the flat side of the antenna screw aligns with flat side of the Argon V5 Antenna holes.

INSTALL THE ARGON ONE V5 SCRIPT

a. Connect to the Internet and execute in the Terminal.

```
curl https://download.argon40.com/argon1v5.sh | bash
```

b. Reboot.

c. Follow the instructions in the **Argon Configuration Tool** to change settings and enable full functionality of the Argon ONE V5 Case

Visit **Argon40 Resources** website for more information:

<https://argon40.com/blogs/argon-resources/argon-one-v5-instruction-manual>

INSTALL HOME ASSISTANT

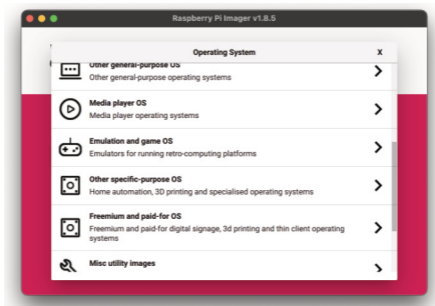
1. Use the Raspberry Pi imager to install to your SD Card or NVMe Drive the Home Assistant OS.

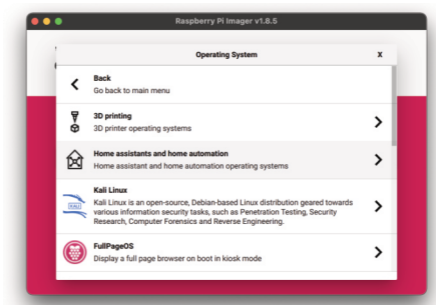
Home Assistant Installation LINK:

<https://www.home-assistant.io/installation/raspberrypi/>

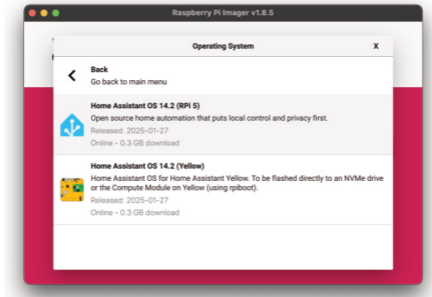


2. Choose OS (Other Specific Purpose OS)

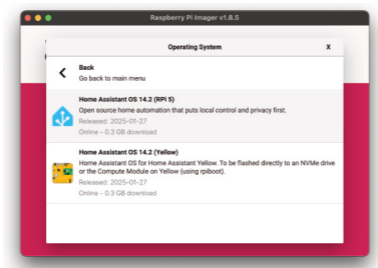




3. Install Home Assistant for Raspberry Pi 5.



4. Install Home Assistant for Raspberry Pi 5.



5. On First Boot, follow the Instructions to configure in your network your Home Assistant.

ACTIVATE THE USB 2 BOARD OF THE ARGON ONE V5

1. Connect your Home Assistant to a SCREEN and KEYBOARD.
2. TYPE "**login**" on the Terminal
3. Go to FOLDER by TYPING "**cd /mnt/boot**" in the Terminal
4. EDIT config.txt VIA vi by TYPING "**vi config.txt**"



```

  Home Assistant
Welcome to the Home Assistant command line.

System Information
IPv4 addresses for wlan0:
IPv4 addresses for eth0:
IPv4 addresses for eth1:

OS Version: Home Assistant OS 14.2
Home Assistant Core: 2025.2.5

Home Assistant URL: http://homeassistant.local:8123
Docker URL: http://homeassistant.local:4357

ln > login
# ln
ln  boot  dev  etc  home  lib  lib64  net  proc  root  run  sbin  sys  tmp  var  usr
# cd /mnt/boot
# ln
cd /mnt-boot.txt  cd /mnt.txt  config.txt  slot-0  slot-1  tryboot.txt
# vi config.txt
```



```

Welcome to the Home Assistant command line.

System Information
IPv4 addresses for wlan0:
IPv4 addresses for eth0:
IPv6 addresses for eth0:

OS Version: Home Assistant OS 14.2
Home Assistant Core: 2025.2.5

Home Assistant URL: http://homeassistant.local:8123
Observer URL: http://homeassistant.local:4357

ls > ls
# ls
bin boot dev etc home lib lib64 net proc root run sbin sys tmp var
# cd /root/boot
# ls
cmdline-tryboot.txt cmdline.txt config.txt slot-0 slot-8 tryboot.txt
# vi config.txt

```

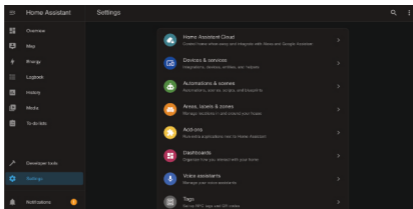
- 4.1 Press "i" to enter EDIT mode, then move cursor down to last line.
- 4.2 Write "**dtoverlay=dwc2,dr_mode=host**" below the [all] Section
- 4.3 Press "**ESC**" to exit EDIT mode. [Modified] should come out
- 4.4 Press "**shift + :**" (press shift plus colon) to SAVE
- 4.5 Type "**wq**", then press ENTER to EXIT.

ADD THE ZIGBEE INTEGRATION

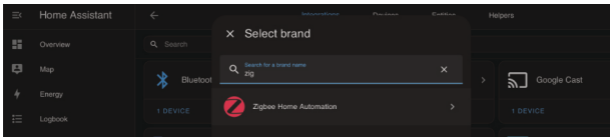
Home Assistant Zigbee Integration Setup LINK:

<https://www.home-assistant.io/integrations/zha/>

1. Go to SETTINGS > DEVICES & SERVICES



2. Search Zigbee



3. Select Argon Industria Zigbee Module that was detected with **CHIP2102N**

Select a serial port

Select the serial port for your Zigbee radio

Serial device path

- /dev/ttyUSB0 - CP2102N USB to UART Bridge Controller, s/n: 667075265e1bef11b0e317b04909ffd0 - Silicon Labs
- /dev/ttyAMA10 - ttyAMA10
- Enter Manually

SUBMIT