

# KHADAS A311D Home Assistant OS Single Board Computer Installation Guide

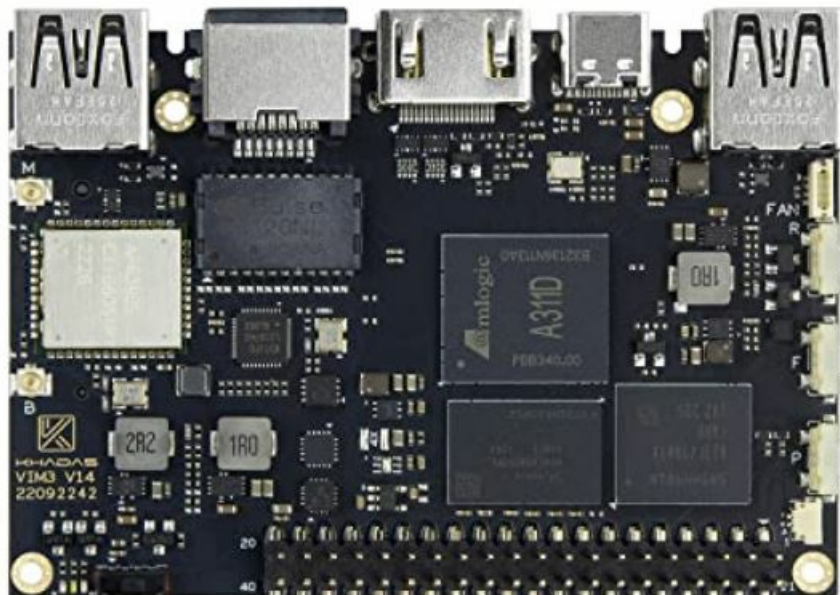
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**KHADAS**

## KHADAS A311D Home Assistant OS Single Board Computer



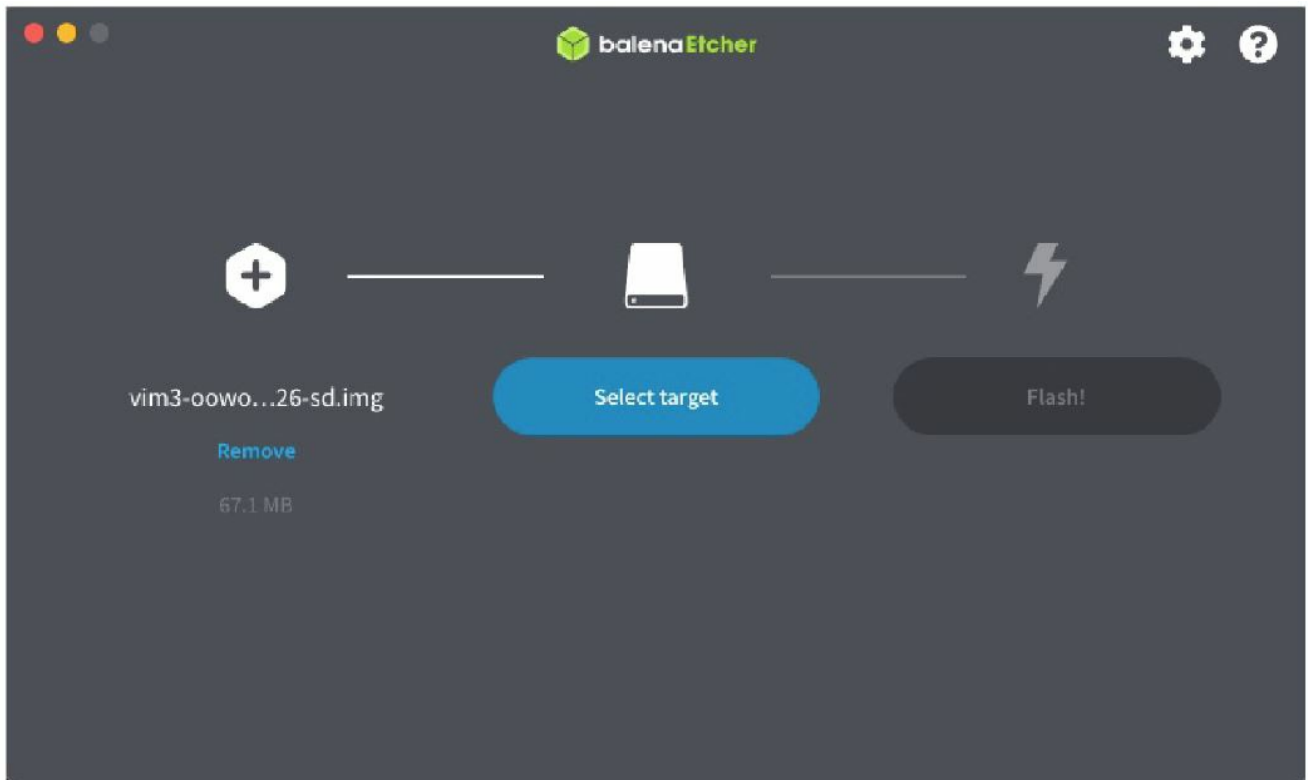
## Home Assistant OS Installation

- **Step 1 Download the OOWOW image for VIM3**

We only need the SD card for the installation process; once the installation is complete, we won't need the SD card anymore.

- **Step 2 Use Balena to flash OOWOW to the SD card**

After downloading the linked file to your desktop, use the commonly used Balena Etcher software to flash OOWOW to the SD card.

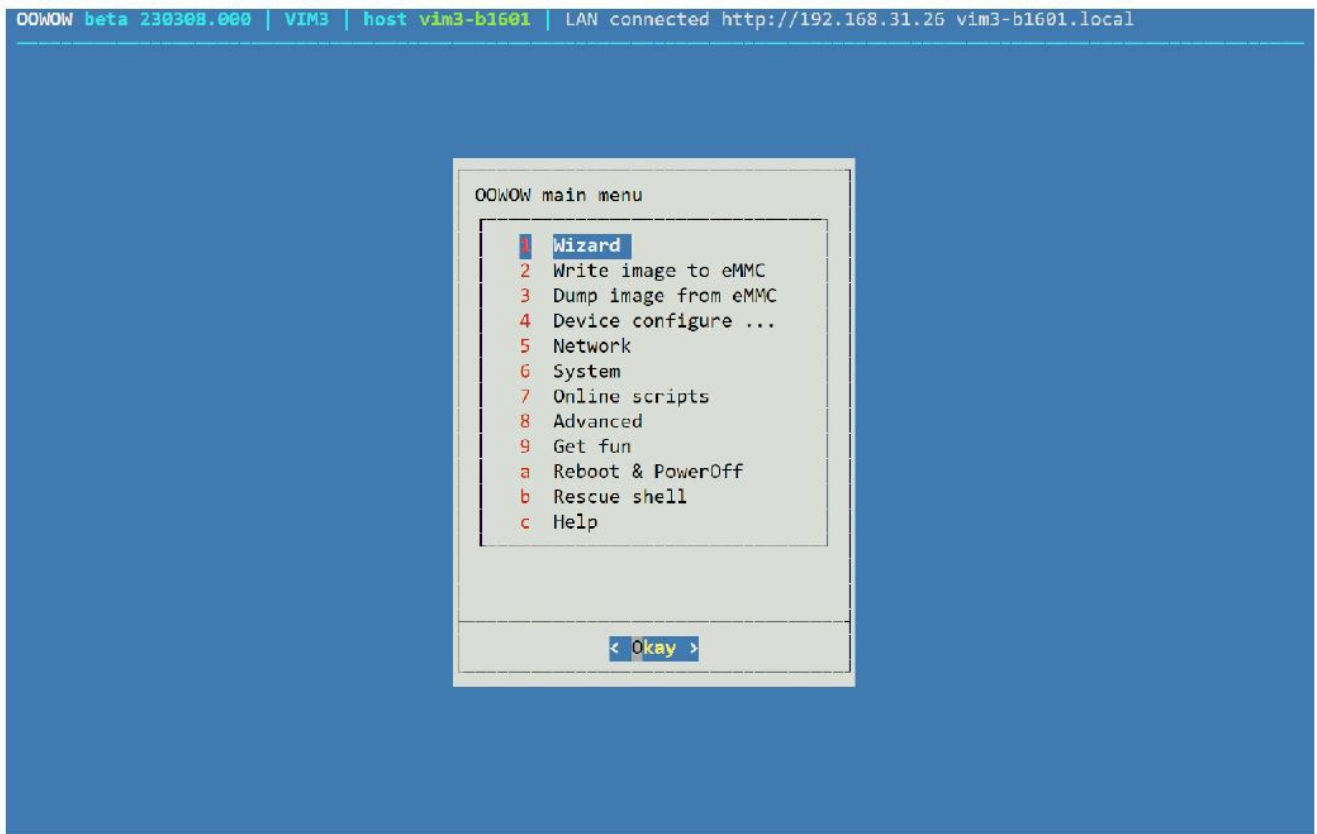


- **Step 3 Start VIM3 from the SD card**

Now insert the SD card into the VIM3 slot, connect VIM3 to the power supply, display, and keyboard, then power it on.

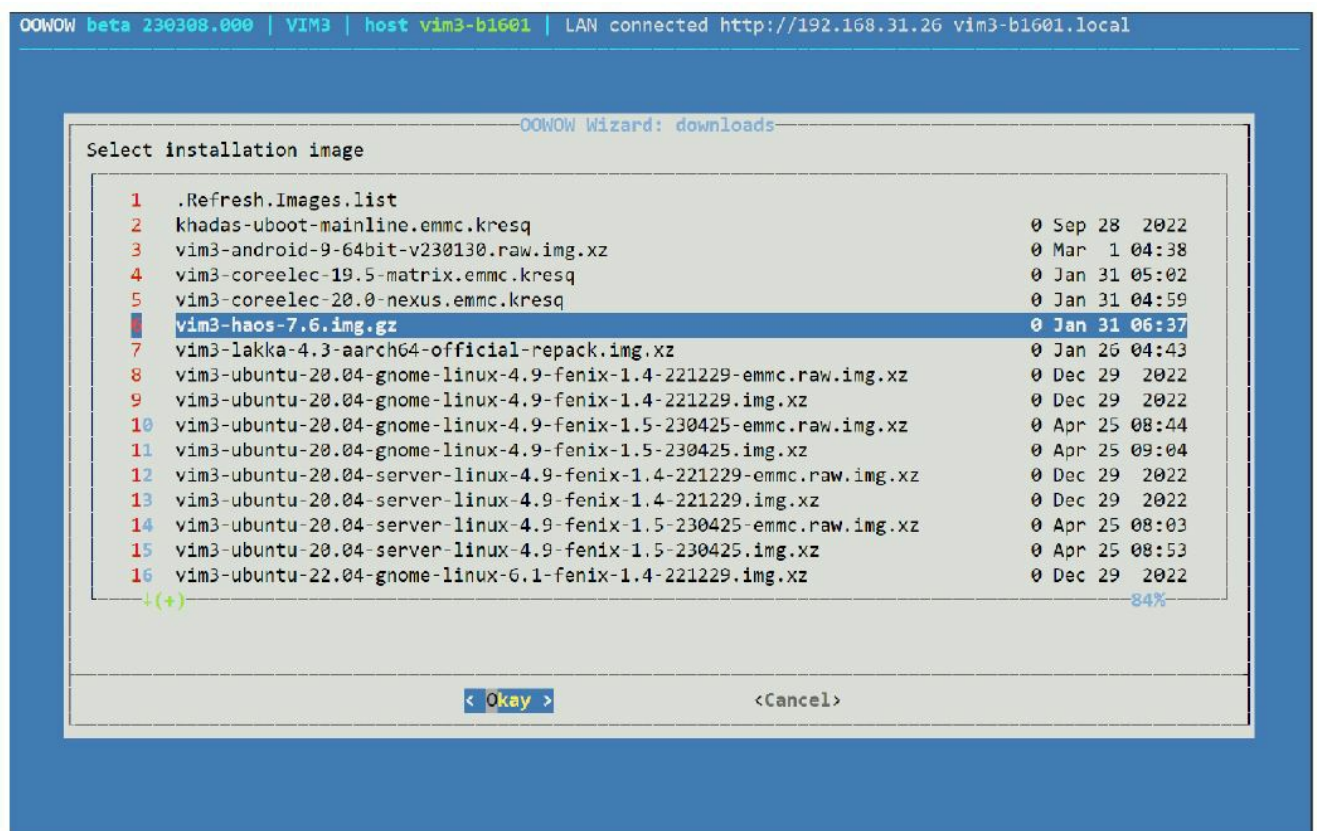
- **Step 4 OOWOW will start automatically**

VIM3 will boot into OOWOW automatically, and the OOWOW Wizard will appear on the screen.



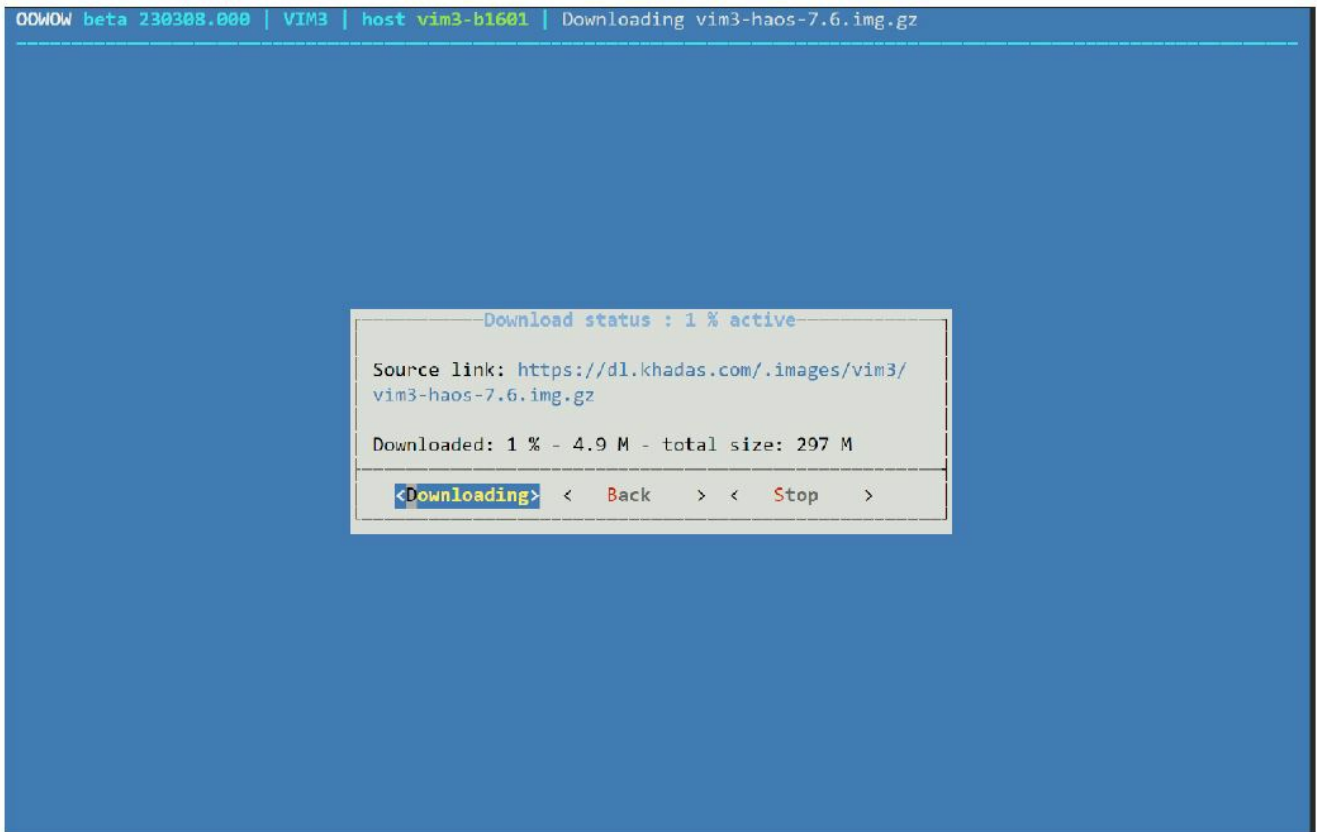
#### • Step 5

Select the Home Assistant image for burning Follow the prompts from the OOWOW Wizard to connect to the network. Then, on the OOWOW image selection screen, choose HA OS.



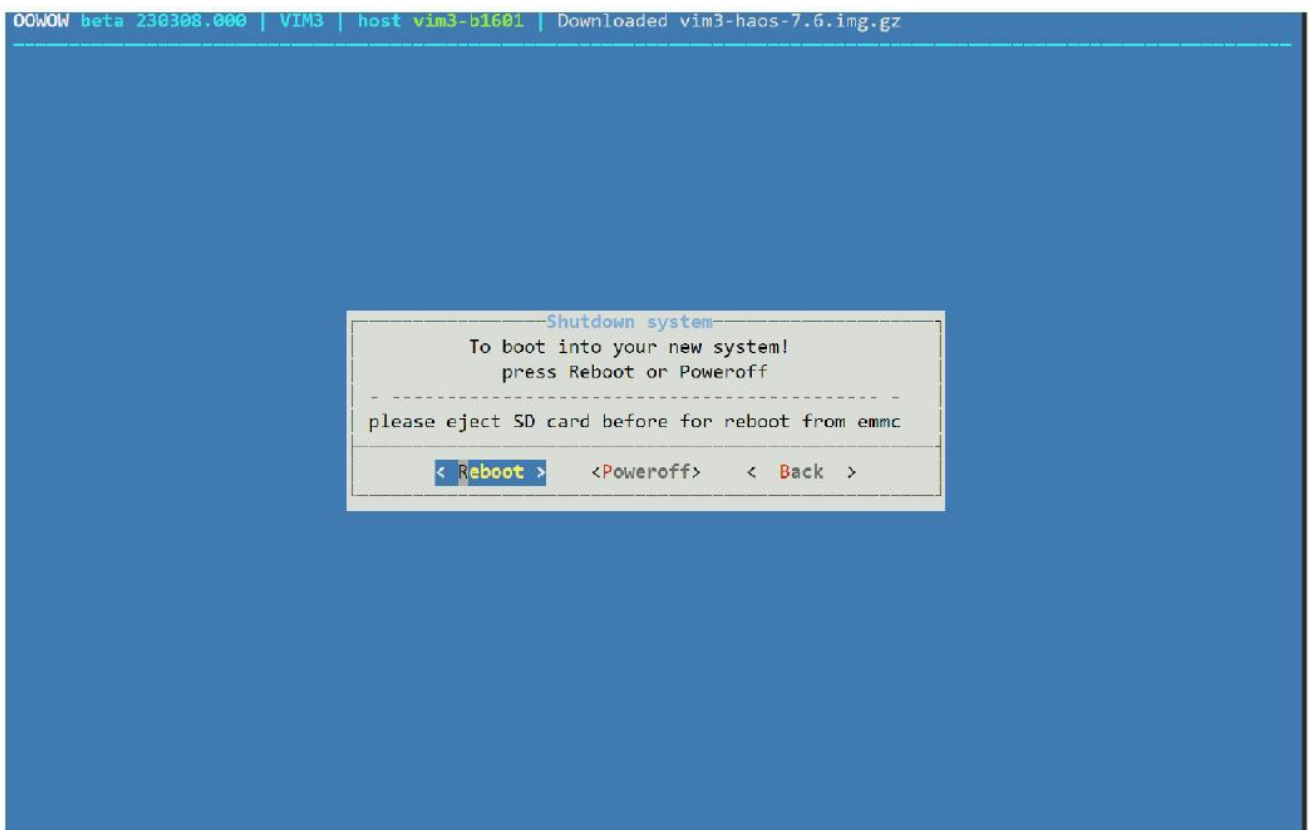
#### • Step 6 Begin the download and wait a few seconds

Download the official Khadas HA OS image.



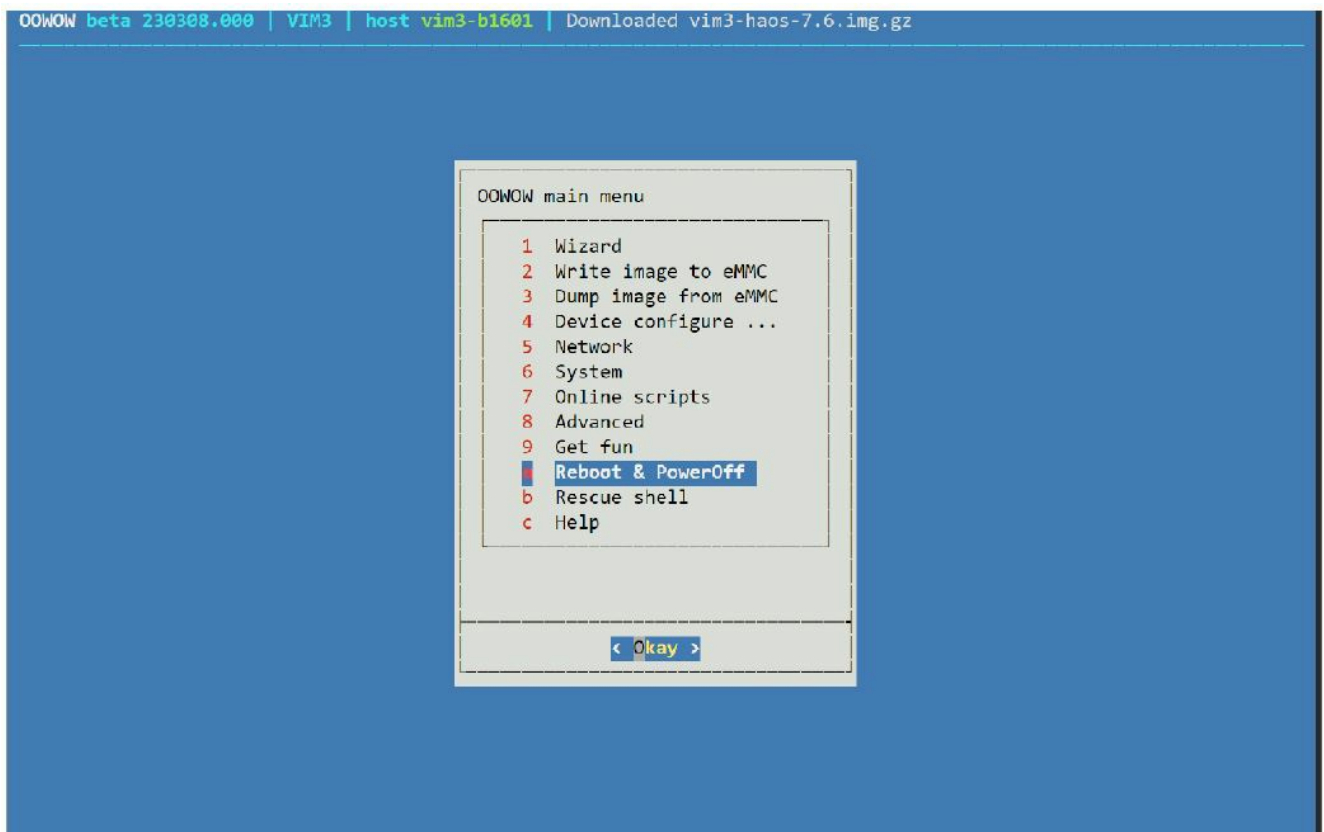
- **Step 7 Write HA OS to VIM3's eMMC storage.**

Now that the download is complete, the image needs to be written to VIM3's eMMC. Click "write."



- **Step 8 Restart VIM to complete the installation**

HA OS has been written to VIM3's eMMC. Go back to the OOWOW menu



- **Step 9 Upon restart, VIM3 will automatically boot into the Home Assistant operating system.**

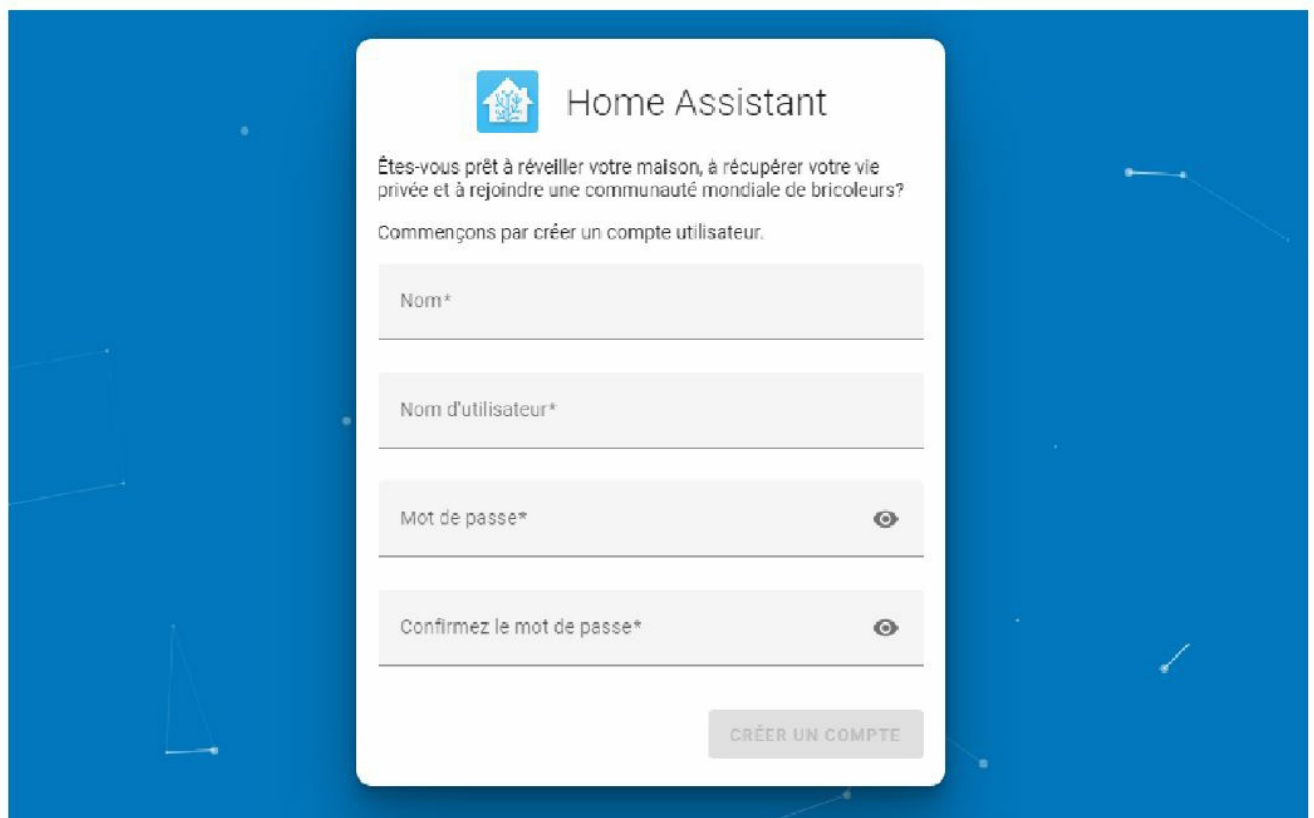
As you can see on the screen, VIM3 is now your smart home automation box.



- **Step 10 Log in to your Home Assistant**

HA OS is now installed on VIM3. All you need to do is connect to its IP address from a browser to log in and enjoy efficient and secure DIY home automation!





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## Documents / Resources

[illegible]

## References