

# Hello Home Assistant

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# What is Home Assistant?

“Your personal, open-source smart home hub.”

- Runs locally on a Raspberry Pi or computer
- Connects and controls hundreds of smart devices
- All from one place — securely and privately
- Super customizable



# Why Open Source?

Open source means everyone can contribute. It's harder to monetize, and for 'enshittification' to take hold because the community is invested!

No vendor lock-in. Mix and match how you like.

Far more customizable than mainstream options. Dashboards can be as practical, minimalist, or as over the top as you like.

Tinker, customize, and grow your system over time. The system grows with you.

# Which Devices?

There's not an exact number...

But there's over 1400 'official' integrations already - and plenty of high quality community integrations available too!

In short, there's very little Home Assistant doesn't support any more.

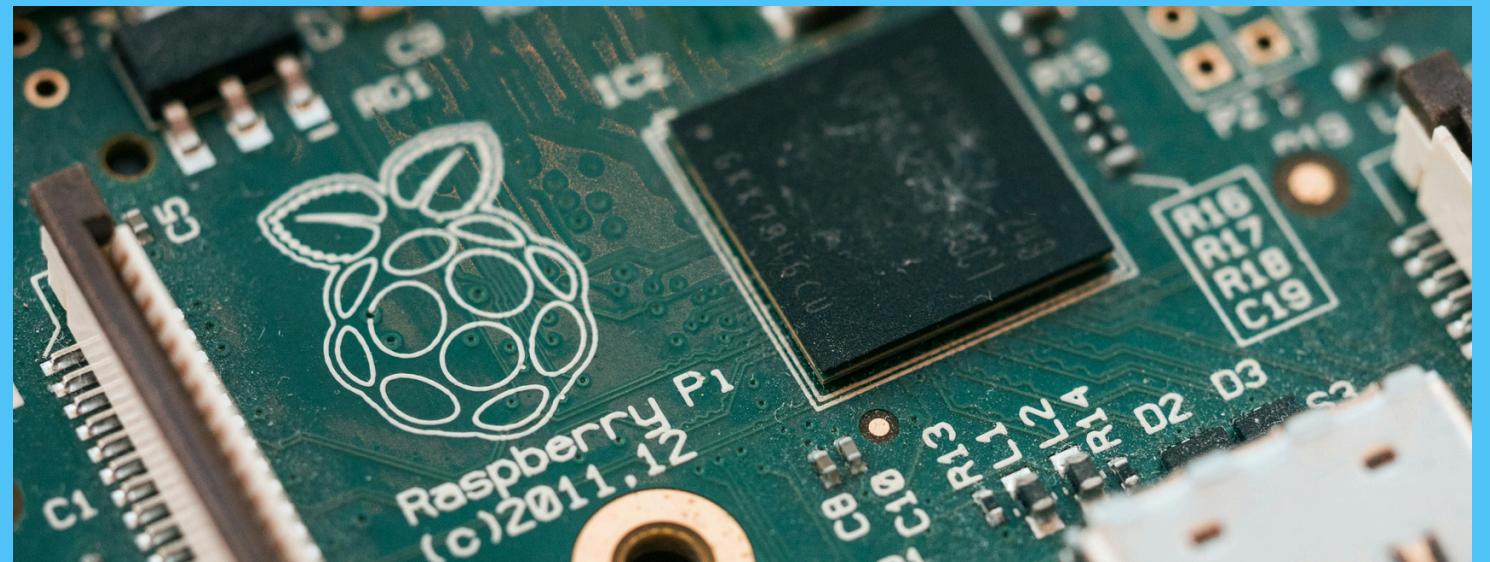
Integration support includes 17Track, Apple TV, Bosch, Discord, Eufy, Honeywell, LG, Met Éireann, OpenAI, Renault, Reolink, Synology, Tesla, Twitch, Velux, Xiaomi, Yale...

Those are just the brand names. Hundreds more can be added with Bluetooth, Zigbee, Matter, etc.

And you can create your own!



# What do I need?



Minimum Requirements:

**2 GB RAM**

**32 GB Storage**

**2 vCPUs**

**Optional Wi-Fi or Zigbee dongle**

## Raspberry Pi

Or similar single board computer dedicated to running Home Assistant Operating System

## Home Assistant Yellow

Purpose built IO board with Zigbee networking, powered by a Raspberry Pi Compute Module

## Older Computer

Any x64 computer / laptop but would consume more power

## Docker / Virtualization

Already have a home server? Just run it on Docker  
\*requires experience

# How does it work?

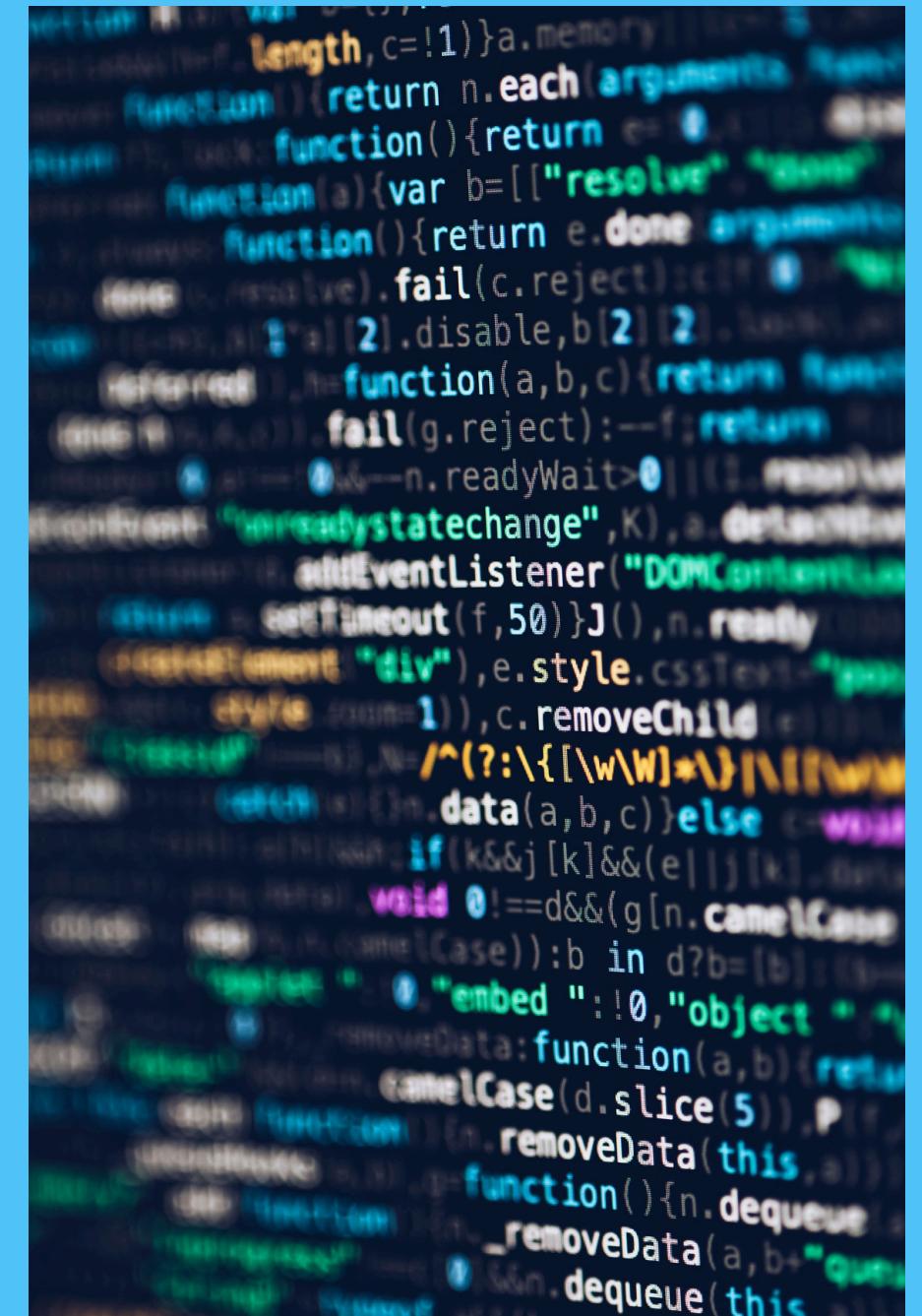
Custom Linux based Operating System

Core Python App

Every Integration is it's own docker container

Event bus connecting everything together

Automations & Dashboards to control your home!



# Accessing Your Smart Home

Home Assistant App mobile app available on all good app stores

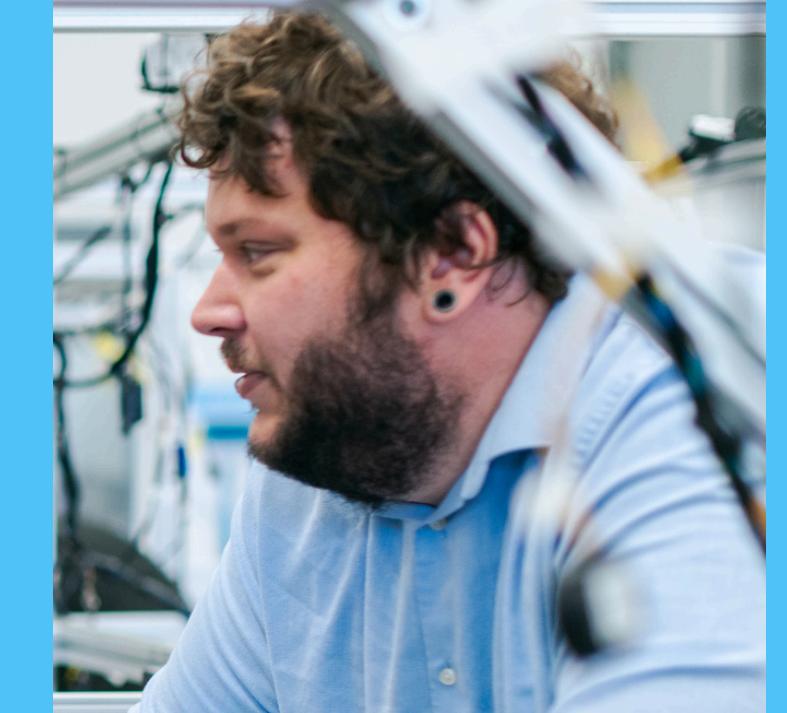
Web App

They double as integrations!

Optionally access your smart home remotely!

**Secure Access with a Nabu Casa Subscription**

Paid service supporting Home Assistant development.



**Port Forwarding/VPN**

Home Assistant has guides on setting up port forwarding, or secure access with a VPN service like Tailscale.

Personally, we like Tailscale.

# Community



Github

**79k stars**

**94,517 commits by 4,204 contributors**

One of the most active projects on Github!

Forum

**287k users**

**500+ discussions/week**

Discord

**143260 members**

# How it Started

- A desire for smart gadgets at home without the price tag
- **First Commit:** Sep 17, 2013 by Paulus Schoutsen
- Released an Open Source Project and built a community of like minded people around it

**2025:**  
**2,000,000 active installations  
of Home Assistant worldwide!**



# The Future

## May Update:

- **Backup policies**
- **Long range Z-Wave**
- **YAML automation copy/paste**
- **QoL Fixes**
- **New Voices for Text to Speech with the Nabu Casa Subscription**



# Questions?

**And then on to Demos!**