seeed studio

INDUSTRIAL PRODUCT DATASHEET

Home Assistant Green +Home Assistant Connect ZWA-2/ZBT-2

Home Assistant Green with Connect ZWA-2/ZBT-2 delivers the easiest, privacy-centric smart home experience with local control, reliable Zigbee connectivity, and upcoming Matter support.

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Overview



Home Assistant Green is an easy-to-set-up, privacy-focused home automation hub that stores all data locally and controls smart devices from a single system. The included Home Assistant Connect ZWA-2/ZBT-2 provides plug-and-play Zigbee connectivity with future Matter support, enabling intelligent home control, security, energy management, and automation tasks.

Key Features

【Free Shipping |Applicable to all warehouses】

- Buy **Home Assistant Green** ——Free Shipping.View **Blog** for details.
- Buy **Home Assistant Green (113110024)** with **Connect ZBT-2（114993669)** or **Connect ZWA-2（110992144)** or **Voice Preview Edition（110992044**）——Free Shipping and Combination purchase Save **$5!**
- From China warehouse to the United States, choose "**US Direct Group Shipping**" to enjoy duty-free ！

Discount will be automatically applied after selecting the shipping method.If you find that the discount is not applied, please clear the cache and try again.

What is Home Assistant?

Home Assistant is open-source home automation that prioritizes local control and privacy. Powered by a worldwide community of tinkerers and DIY enthusiasts, it is perfect to run on a Raspberry Pi, or Raspberry Pi Compute Module 4 powered **Home Assistant Yellow**, Seeed **reTerminal**, and mini router with dual gigabit ethernet, or a local server such as Seeed **Odyssey Blue** powered by Intel Celeron J4125. Home Assistant can be accessed via a web-based user interface, via companion apps for Android and iOS, or using voice commands via a supported virtual assistant like Google Assistant or Amazon Alexa. Home assistant enables the local control of smart home devices, offering better security, greater reliability, and more flexibility than many cloud-connected devices.

Home Assistant Green is the easiest and most privacy-focused way to automate your home. It offers an effortless setup and allows you to control all the smart devices with just one system, where all the data is stored locally by default. This device benefits from the thriving Home Assistant ecosystem and it will be improved every month by open source.

The Home Assistant SkyConnect is designed to be a perfect match for Home Assistant Users. The device provides an easy connection with Zigbee and will support Matter specifications in the future with a firmware update from Home Assistant. The product supports Over-The-Wire (OTW) Firmware Update via the USB interface, which allows easy and quick firmware updates for both protocols. The device is an EFR32 Series 2 (Silicon Labs EZSP v8) adapter that will transmit at a power of +20 dBm. The drive supports full-speed USB 2.0 when plugged into the included USB extender.

The hardware is based on a **Silicon Labs EFR32MG21** SoC with an IEEE 802.15.4 multi-protocol 2.4GHz radio MCU that is capable of concurrently running both Zigbee 3.0 (EmberZNet/EZSP) and Thread (OpenThread/Spinel inc. Matter/CHIP over Thread) stacks/protocols at the same time by using firmware in RCP RCP (Radio Co-Processor) mode. Direct local serial communication will be done via an onboard USB-to-UART bridge/converter (presumably a chip in Silicon Labs CP210x series).

Home Assistant will provide an Addon that will contact the Ember Stacks for Zigbee and Matter.Home Assistant will provide updates to the firmware on a consistent basis that will provide the best user experience from a Zigbee/Matter Adapter. The USB Stick will be Plug and Play, tightly integrated with the Zigbee Home Automation integration allowing for a beginner-friendly experience. For more information, please stay tuned for updates on **Home Assistant website** and our **discord Home Assistant channel**.

Product Gallery









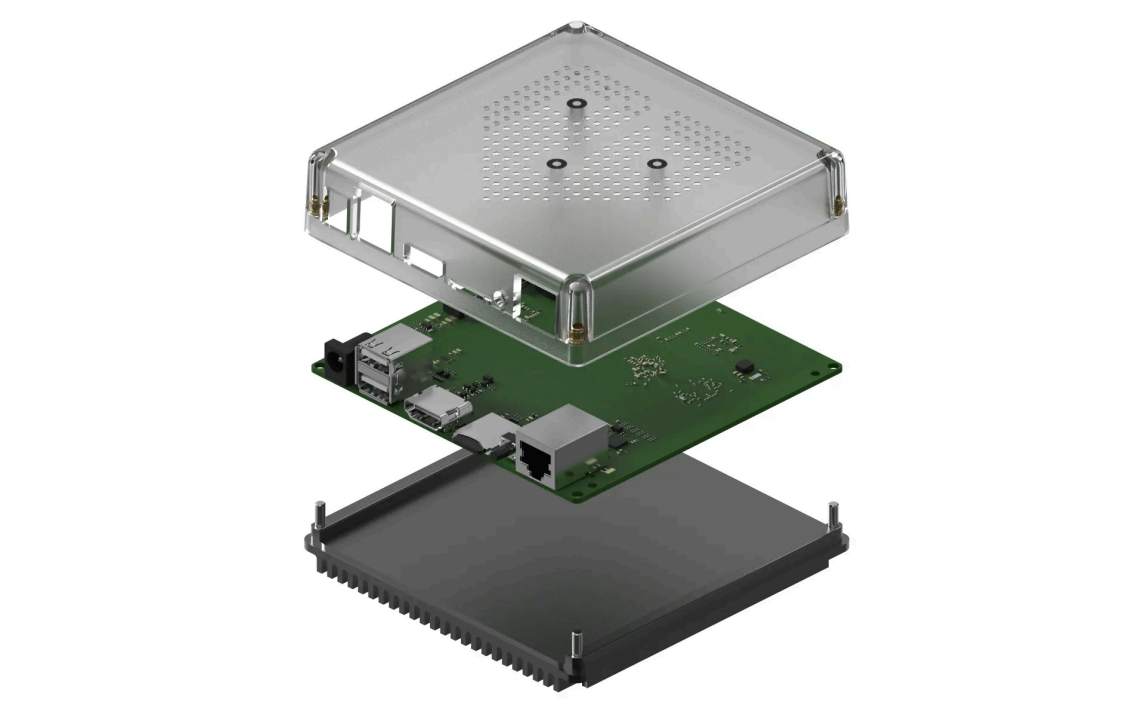


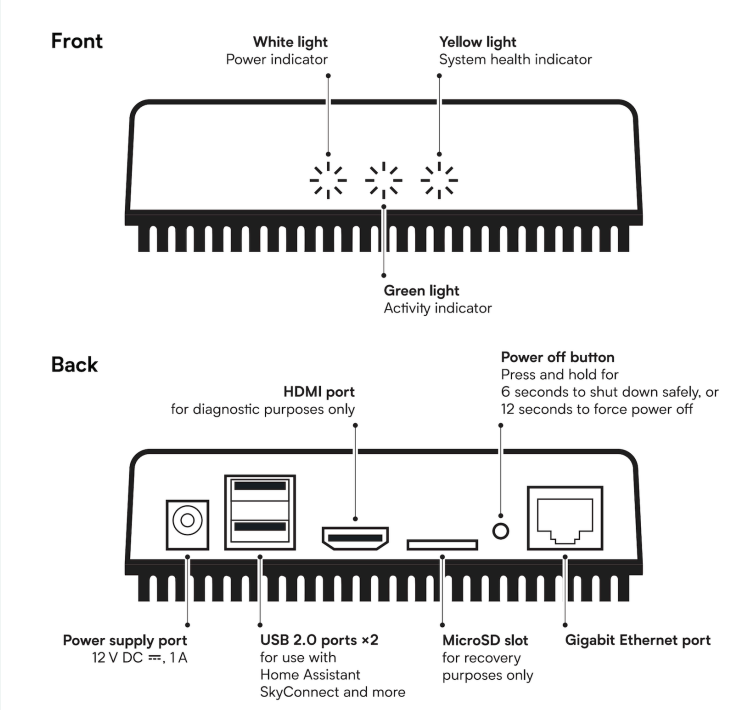
Specification

Processor	Quad-core Cortex-A55 CPU up to 1.8GHz
RAM	4 GB RAM
Storage	32 GB eMMC

Expansion Slot	SD card slot for recovery purposes only
Ethernet	Gigabit Ethernet
USB Ports	2 x USB 2.0 Type-A host port
Display	1x HDMI for debugging purposes only
Wireless Protocols	Zigbee 3.0 and Matter(with Home Assistant SkyConnect)
Pre-installed Firmware	Home Assistant OS
Power	12 V / 1 A through barrel DC power jack(barrel connector)
LEDs	White (Power), Green (Activity Indicator), Yellow (Home Assistant system state)
Power off Button	Press and hold for 6 seconds to shut down safely, Press and hold for 12 seconds to force the power off
Enclosure	Large aluminum heatsink, great heat dissipation
Size	111*111*33.6mm
Operating Temperature	0 ~ 40℃

Hardware Overview





Applications

- **Intelligent home control**
- **Home Security**
- **Energy Management**
- **Home Automation Tasks**
- **Remote Control**

Part List

1.5m Ethernet Cable	x1
Universal Power Supply 12V1A DC(barrel connector)	x1
Quick Start Guide	x1
Warranty & Safely Information	x1

Resource Links

- https://www.seeedstudio.com/Home-Assistant-Green-and-Connect-ZWA-2-ZBT-2.html

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