

SKU: DFR1189

Home Assistant Green Smart Home Hub (1.8 GHz Quad-core ARM Processor, 4GB RAM, 32GB eMMC Storage)

Introduction

Home Assistant Green is a powerful and privacy-centric smart home hub designed to automate and control all your smart devices from a single platform. Compatible with Apple HomeKit, Google Home, Samsung SmartThings, and Amazon Alexa, this device integrates seamlessly into existing smart home ecosystems. With a robust 1.8 GHz Quad-core ARM processor, 4 GB RAM, and 32 GB eMMC storage, it offers high performance and future-proof scalability.

Data Privacy and Local Storage

By default, all data is stored locally, ensuring that users retain full control over their data and enhancing privacy. There is no need to rely on cloud services, making this device the ideal choice for security-conscious users.

Features:

Easy Setup and Use

All-in-One Smart Control

Local Data Privacy and Security

Extensive and Sustainable Ecosystem

Monthly Updates via Open-Source Contributions

Applications:

Intelligent Home Control

Home Security

Energy Management

Home Automation Tasks

Remote Control

Specification:

Processor: Quad-core ARM Cortex-A55 CPU with a maximum clock speed of 1.8GHz, designed for efficient performance.

Memory:

RAM: 4 GB of high-speed RAM for smooth multitasking and application handling.

Storage: 32 GB of eMMC flash storage for ample space to store applications and data.

Expansion: Dedicated SD card slot available for system recovery and updates.

Networking:

Ethernet: Gigabit Ethernet port for fast and reliable wired network connectivity.

USB Ports: Two USB 2.0 Type-A host ports for connecting peripherals and storage devices.

Display: A single HDMI port for debugging and display output.

Wireless Connectivity:

Protocols: Supports Zigbee 3.0 and Matter protocols, with Home Assistant SkyConnect for seamless integration.

Firmware: Pre-installed with Home Assistant OS for a ready-to-use smart home experience.

Power Supply: Operates on 12 V / 1 A power input through a barrel DC power jack, ensuring stable and consistent power delivery.

Indicator LEDs:

White: Power indicator.

Green: Activity indicator.

Yellow: Home Assistant system state indicator.

Power Control:

Safe Shutdown: Press and hold the power button for 6 seconds to initiate a safe system shutdown.

Forced Power Off: Press and hold the power button for 12 seconds to perform an emergency power off.

Enclosure: Features a large aluminum heatsink for efficient heat dissipation, ensuring long-term reliability and performance.

Dimensions: 111 mm x 111 mm x 33.6 mm, compact yet robust design for easy integration into various environments.

Operating Temperature Range: 0°C to 40°C, suitable for a wide range of indoor environments.