

1Home Server Datasheet



1Home Server is a powerful extension to your Loxone home.

Visualization

Server enables a fully local integration with Apple Home, Google Home, Samsung SmartThings, Home Assistant and other smart home apps and voice control interfaces via the industry standard protocol Matter.

Local first

1Home Server is configured completely locally via an embedded web interface. The device runs local first and will run uninterrupted even if the internet connection is lost.

Remote access*

For a remote configuration, the 1Home Server can be paired with 1Home Remote Dashboard (remote.1home.io) where the customer or the integrator can access the device remotely.

IoT integrations

Integrates 100s of IoT devices via Matter (coming in Q2 2024).

Logic module

Runs simple or complex automations through an easy to use interface (coming in Q2 2024).

*This feature requires an active internet connection

Installation instructions

To get started or learn more about the device, visit 1Home Server documentation.

Documentation: <https://www.1home.io/docs>

Technical specifications

Hardware

- Processor: Broadcom BCM2711 quad-core Cortex-A72 (ARM v8) 64-bit, up to 1.5 GHz
- Memory: 1 GB LPDDR4
- Storage: on-board 8 GB eMMC (4 GB usable for user storage)

Mechanical data

- Housing
 - Material: Plastic (PPO)
 - UL94 class: V0
- Mounting: DIN (EN 60715) rail, width: 4M (72 mm)
- Weight: approx. 150 g

Power supply

- External power supply: 12...30 VDC / alternative; DC barrel power supply (12 VDC, 1 A)
- Power consumption
 - Typical: 2-3 W @30 VDC
 - Max: 5 W @30 VDC

Controls and indicators

- RGB multi-color status LED
- Multifunctional mono-color red LED
- Multifunctional button
- Reset button

Environmental requirements

- Ambient temp. operating: -5...+45°C
- Rel. humidity (non-condensing): 5...93%

Connectors

- Power
 - AUX connector (Yellow / White) for external power supply, or;
 - DC barrel socket
- Ethernet LAN RJ45 socket

Network Connectivity

- Gigabit Ethernet LAN (1 Gbit/s)
- IEEE 802.3: 1000BASE-T, 100BASE-TX, 10BASE-T
- IPv4 & IPv6 support
- Supported network protocols ARP, ICMP, ICMPv6, IGMP, UDP/IP, TCP/IP, DHCP, NTP, mDNS, DNS-SD, HTTP
- Up to 4 KNXnet/IP Tunneling connections simultaneously

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 55014-1:2017
- EN 61000-4-2:2009
- EN 61000-4-3:2006 + A1:2008 + A2:2010
- EN 61000-4-4:2012
- EN 61000-4-5:2014
- EN 61000-4-6:2014

Packaging specifications

EAN: 3830073770114

WEEE number: DE48929946

Packaging dimensions:

- Product: 12.5 × 13 × 7 cm
- Transport: 13 × 13.5 × 7.5 cm

Included in the box:

- 1Home Server for Loxone
- Welcome card
- Device label (serial No., default credentials, Matter pairing code)
- Power supply and network cable are not included in the box!