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INDUSTRIAL PRODUCT DATASHEET

Home Assistant Connect ZBT-2

The Home Assistant Connect ZBT-2 is a Matter-ready, dual-protocol Zigbee 3.0/Thread USB coordinator with 4× faster performance, extended range, and plug-and-play local smart home connectivity.

SKU	UPDATED	PRICE
114993669	2026-08-19 11:52:43	$49.00(Excl. VAT)



Overview



Home Assistant Connect ZBT-2 is a next-generation Zigbee 3.0 and Thread USB coordinator powered by Silicon Labs MG24 SoC and ESP32-S3, delivering 4× faster performance than ZBT-1. It offers Matter-ready dual-protocol connectivity, extended range via a 4.16 dBi high-gain antenna, and plug-and-play setup for local smart home control.

Key Features

【Ends on Dec 31 , 2026（GMT+8) |Applicable to all warehouses】

- 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** ! View **Blog** for details.
- From China warehouse to the United States, choose "**US Direct Group Shipping**" to enjoy duty-free !
- US Warehouse**: Enjoy FREE UNIUNI shipping on orders under $50! (Excludes XIAO & Raspberry Pi series)**

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.

- **Next-Gen Performance, 4× Faster:** Powered by the cutting-edge Silicon Labs MG24 SoC and ESP32-S3 USB bridge, the ZBT-2 delivers lightning-fast responses, ultra-low latency, and seamless smart home control——4x faster than ZBT-1.
- **Dual-Protocol Power in One Device:** Enjoy Zigbee 3.0 and Thread connectivity in a single device — natively integrated with Home Assistant's ZHA and Thread systems. ZBT-2 is fully Matter-ready, future-proofing your entire smart home ecosystem.
- **Extended Range. Exceptional Stability:** Equipped with a 4.16 dBi omnidirectional high-gain antenna, ZBT-2 easily penetrates walls and extends coverage across multiple rooms. Its orientation-sensing feedback ensures the antenna always performs at peak efficiency — guided by a gentle LED indicator.
- **Plug-and-Play Setup:** Simply plug in the ZBT-2 — Home Assistant automatically detects and configures it for Zigbee or Thread networks. No drivers, no manual pairing — just plug and automate.
- **Local Smart Home Hub:** All Zigbee and Thread communication stays within your home network for instant response and maximum privacy.

Product Gallery



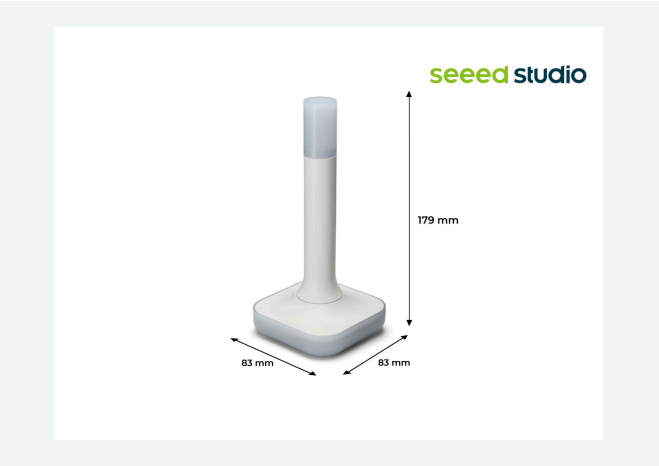












Specification

Category	Item	Details
Product	Model No.	NC-ZBT-9741
	Conformity	CE, FCC, RCM
	FCC ID	2A8ZE04
	Origin	Made in China
Product Details	SoCs	Silicon Labs MG24
		ESP32-S3 (USB-serial bridge)
	Power & Data	USB-C
		5V DC/500 mA
	Supported Protocols	Zigbee 3.0
		Thread
Antenna Characteristics	Frequency Range	2400-2483.5 MHz
	Peak Gain	4.16 dBi
	Transmit Power	10 dBm (Europe)
		8 dBm (Rest of world)
	Radiation Pattern	Omnidirectional
	Antenna Dimensions	Ø 24 mm × H 164 mm
Device Characteristics	Dimensions & Weight	Device: 83 × 83 × 179 mm, 157 g
		In box: 227 × 168 × 42 mm, 350g
	Material	Polycarbonate plastic
		Colors: White & Semi-transparent
Environmental Conditions	Operating Temperature	Indoor use only 0 °C to 65 °C (32 °F to 149 °F)
	Humidity	Non-condensing Keep in a dry environment
	Usage Notes	Indoor use only. Avoid direct sunlight and heat sources to prevent overheating. Keep away from excess dust or moisture.

Hardware Overview



Applications

- **Smart home gateway hubs:** Ideal as the core coordinator in your Home Assistant setup. ZBT-2 serves as the brain of your Zigbee or Thread network, connecting lights, sensors, switches, and more into one responsive, unified system.
- **Reliable Connectivity for Every Space:** Whether in an apartment, home, or workspace, ZBT-2's high-gain 4.16 dBi antenna ensures strong, stable communication across rooms and floors. Its intelligent design minimizes interference and maintains consistent performance in any environment.
- **Building a Matter + Thread ecosystem:** Future-proof your setup with dual-protocol support. ZBT-2 bridges Zigbee and Thread devices, enabling smooth integration into the Matter ecosystem for next-generation interoperability.

Part List

Home Assistant Connect ZBT-2 base	×1
Antenna	×1
1.5 m USB Type-C Cable	×1
Quickstart guide	×1

Compliance & Logistics

HSCODE	8517629990
USHSCODE	8517620010
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Home-Assistant-Connect-ZBT-2-p-6573.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com