

# Home Assistant Connect ZBT-2

# SPECS



## Product

|            |               |
|------------|---------------|
| Model No.  | NC-ZBT-9741   |
| Conformity | CE, FCC, RCM  |
| FCC-ID     | 2A8ZE04       |
| Origin     | Made in China |

## Product details

|                     |                                                   |
|---------------------|---------------------------------------------------|
| SoCs                | Silicon Labs MG24<br>ESP32-S3 (USB-serial bridge) |
| Power and data      | USB-C, 5 V DC, 500 mA                             |
| Supported protocols | Zigbee 3.0, Thread                                |

## Antenna characteristics

Different building materials and placement of the unit will affect the wireless connectivity range.

|                 |                                          |
|-----------------|------------------------------------------|
| Frequency range | 2400-2483.5 MHz                          |
| Peak gain       | 4.16 dBi                                 |
| Transmit power  | 10 dBm (Europe)<br>8 dBm (rest of world) |



**Radiation pattern**

Omnidirectional

**Dimensions antenna**

24 mm diameter, 164 mm height

## Device characteristics

**Environmental conditions  
for operation**

Indoor use only  
0 °C to 65 °C  
32 °F to 149 °F

Humidity: non-condensing  
Keep in dry, not excessively dusty environment to  
avoid damage to the unit.

Do not leave the unit in direct sunlight or near any  
heat source, as this can cause overheating.

**Dimensions & weight**

Device:  
83x83x179 mm, 157 g

With box:  
227x183x42 mm, 350 g

**Material**

Enclosure

- Polycarbonate plastic
- Colors: White and semi-transparent

