

# Zigbee2MQTT setup

## Prerequisites:

- SLZB-07x Zigbee USB coordinator.
- Computer or Raspberry Pi where Zigbee2MQTT or Home Assistant with ZHA will run.
- Home Assistant + ZHA or Zigbee2MQTT software installed.

## Steps:

### 1. Install Zigbee2MQTT

Follow the installation instructions for Zigbee2MQTT based on your system:

<https://www.zigbee2mqtt.io/guide/installation/>

### 2. Connect the Zigbee USB Coordinator:

Plug the SLZB-07x Zigbee USB coordinator into an available USB port on your computer or Raspberry Pi

### 3. Configure Zigbee2MQTT:

- Open the Zigbee2MQTT configuration file (usually located at `/opt/zigbee2mqtt/data/configuration.yaml` or similar).
- Find the section related to the coordinator configuration:

## Configuration for SLZB-07/MGx

```
serial:
  port: /dev/ttyUSB0 # Specify the correct serial port for your coordinator
  rtscts: true
  adapter: ember
```

Some SLZB-07 dongles may have **adapter: ezsp** from factory, you can update dongle to use **ember**

## Configuration for SLZB-07pX

```
serial:
  port: /dev/ttyUSB0 # Specify the correct serial port for your coordinator
  rtscts: false
  adapter: zstack
```

- Ensure that the port matches the serial port where your coordinator is connected. The

port might be different based on your system.

**TIP:**

For homeassistant: Go to "Settings" → "System" → "Hardware" → Select the 3 dot menu in the upper right corner → "All Hardware" → Scroll to "ttyUSB" and find your adapter → Copy Device path like `"/dev/serial/by-id/usb-*`

For linux: list USB devices via command: `ls /dev/ttyUSB*`

4. **Start Zigbee2MQTT Service:**

Start or restart the Zigbee2MQTT service to apply the changes made to the configuration file.

5. **Pairing Devices:**

Once Zigbee2MQTT is running and configured with the coordinator, you can start pairing Zigbee devices:

- Put your Zigbee devices (sensors, bulbs, etc.) into pairing mode according to their respective instructions.

- Use Zigbee2MQTT's interface or command-line tools to initiate the pairing process.

Follow the Zigbee2MQTT documentation for the specific commands or steps required.

6. **Device Control and Monitoring:**

After successfully pairing your devices, you can control and monitor them using Zigbee2MQTT's interface or via MQTT messages, depending on your setup.

**Additional Resources:**

- **Zigbee2MQTT Documentation:** The official Zigbee2MQTT documentation provides detailed guides, troubleshooting tips, and a list of compatible devices

<https://www.zigbee2mqtt.io/>

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