自由泳机器人

## 学习目标

这节课程我们主要使用micro:bit和Super:bit扩展板控制积木电机转动。

## 编程方式

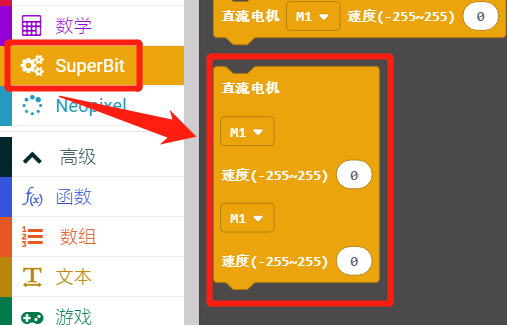
方式一在线编程：首先将micro:bit通过USB连接电脑，电脑会弹出一个U盘，点击U盘里的网址：http://microbit.org/进入编程界面。添加亚博智能软件包https://github.com/lzty634158/SuperBit，即可进行编程。

方式二离线编程：打开离线编程软件，进入编程界面，点击新建，添加亚博智能软件包https://github.com/lzty634158/SuperBit，即可进行编程。

## 寻找积木

以下为本次编程所需积木块的位置。



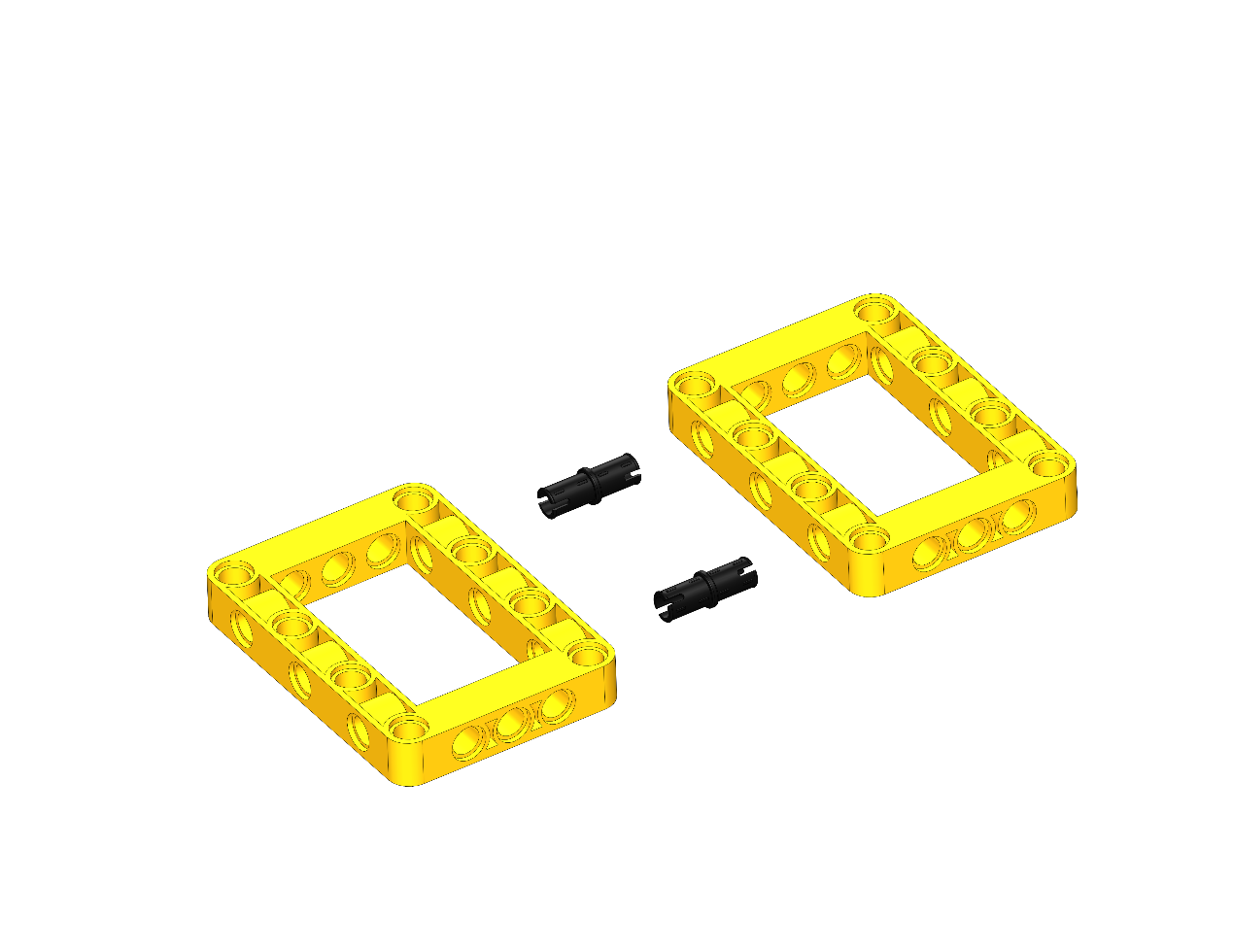


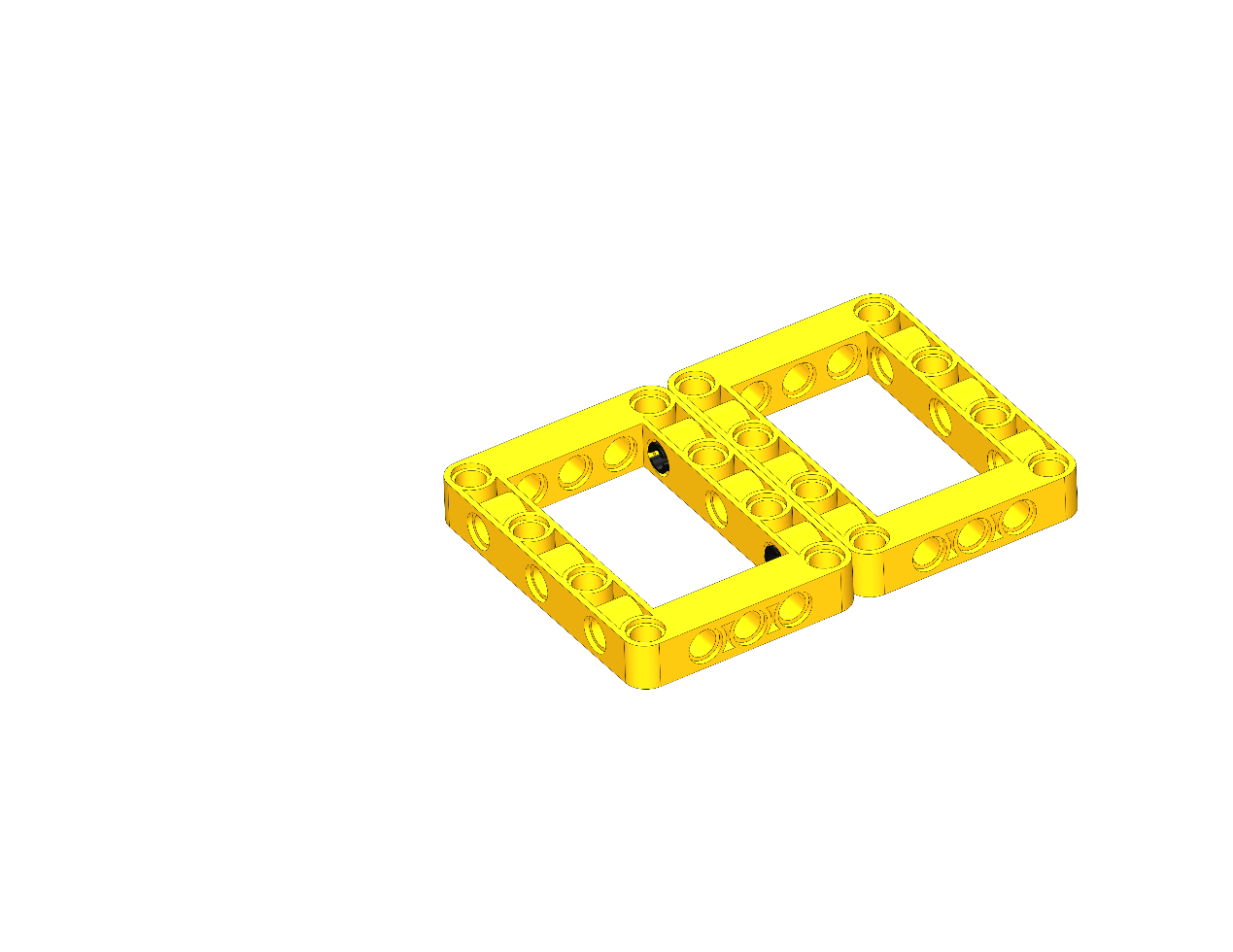
## 组合积木

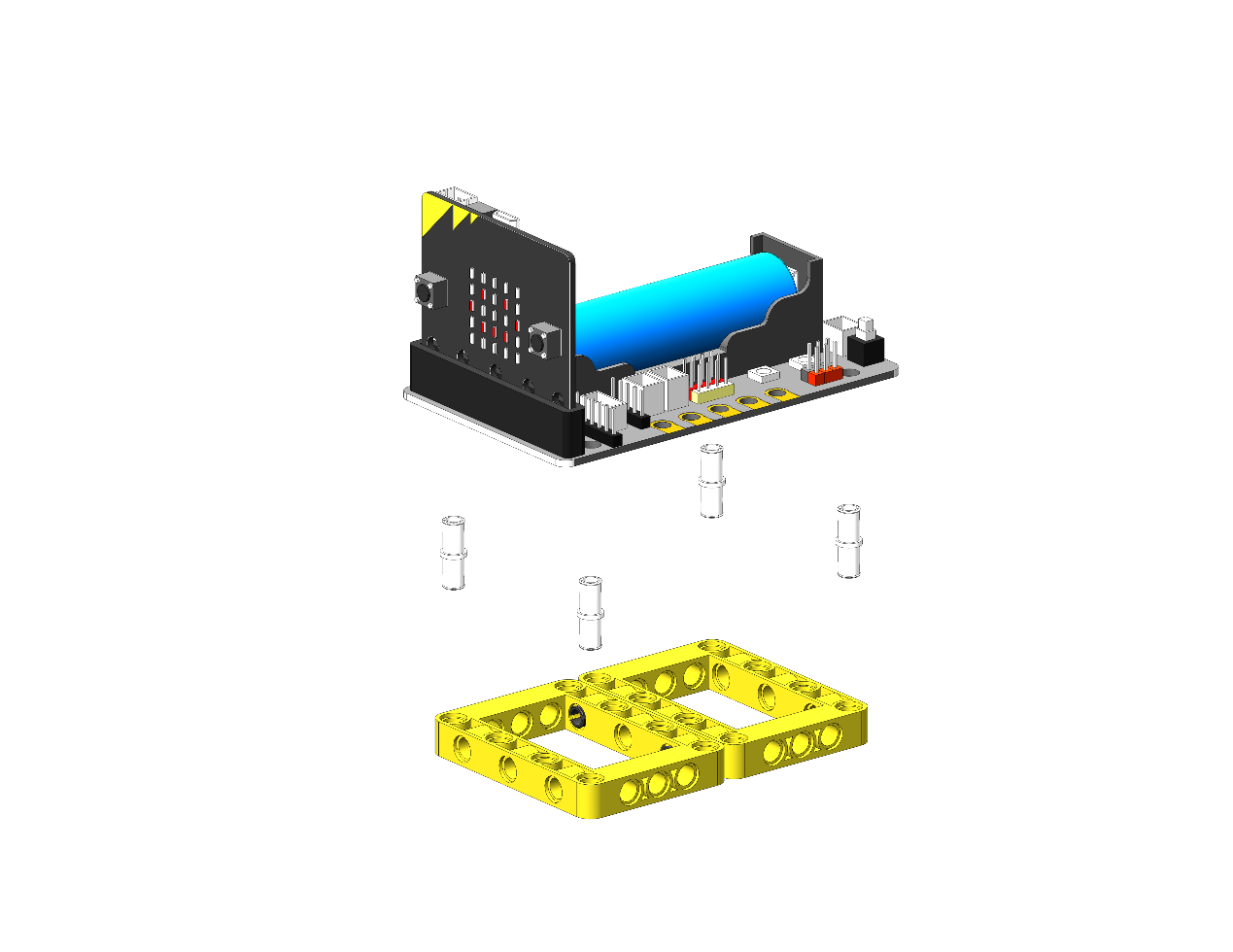
汇总程序如下图所示：

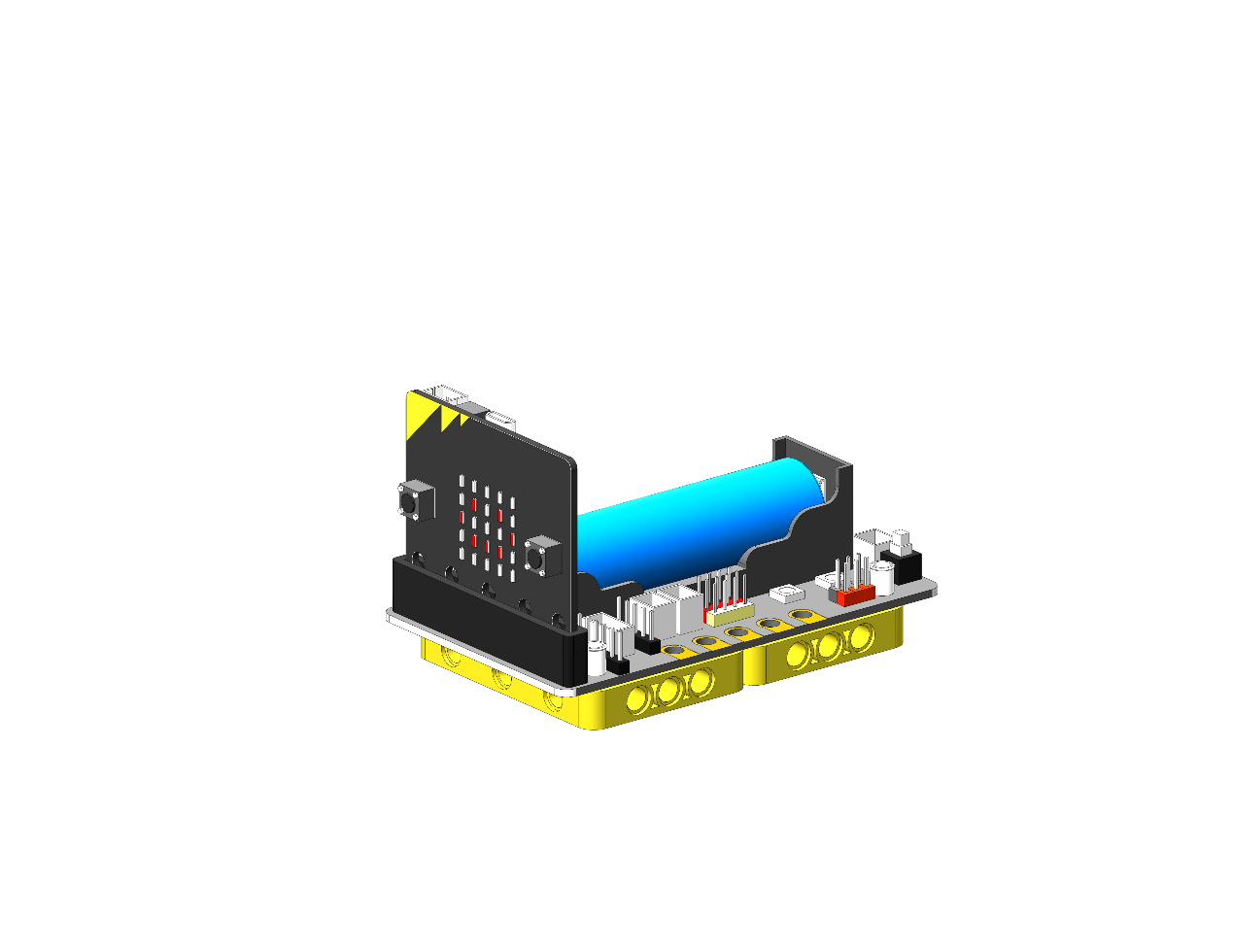


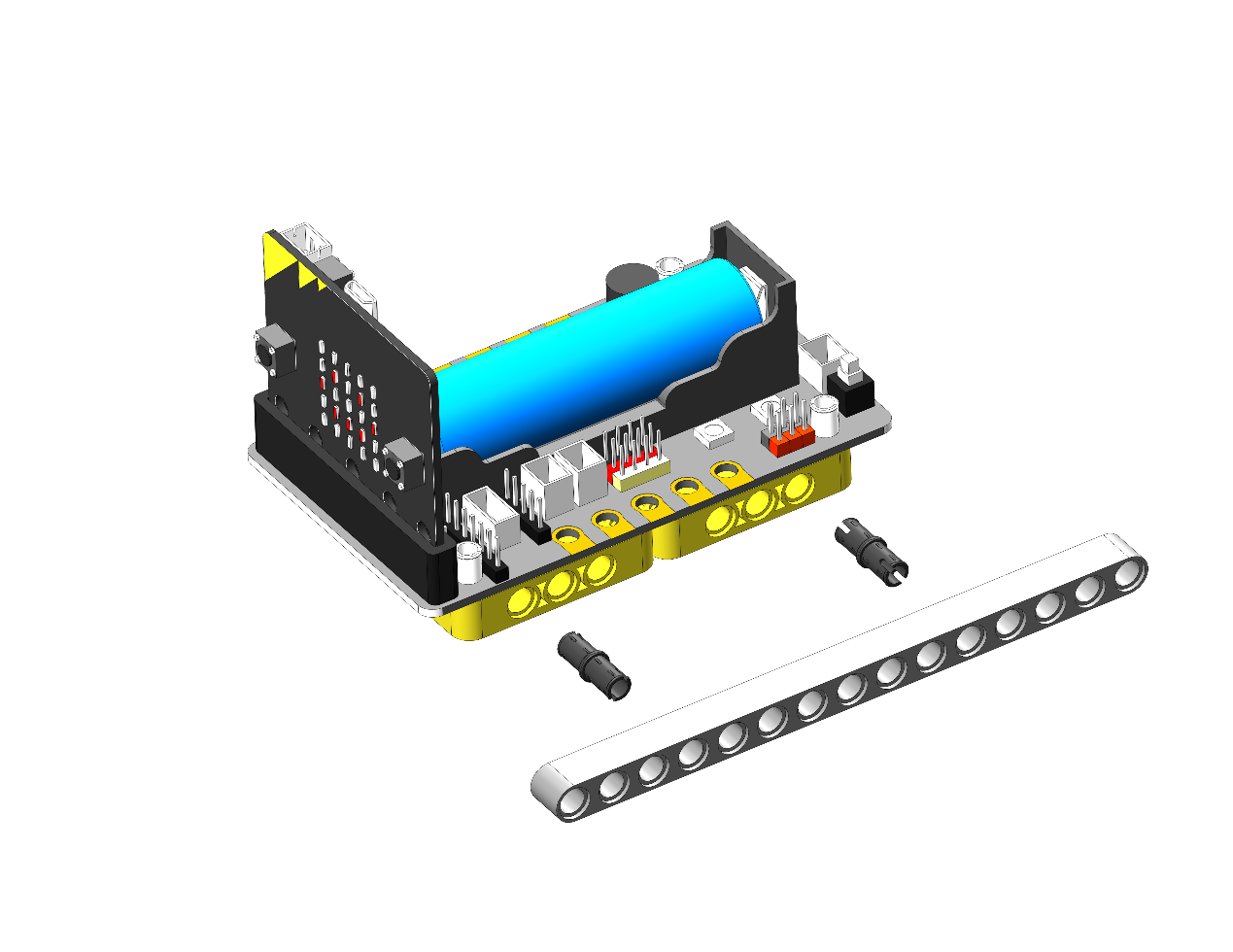
## 积木搭建

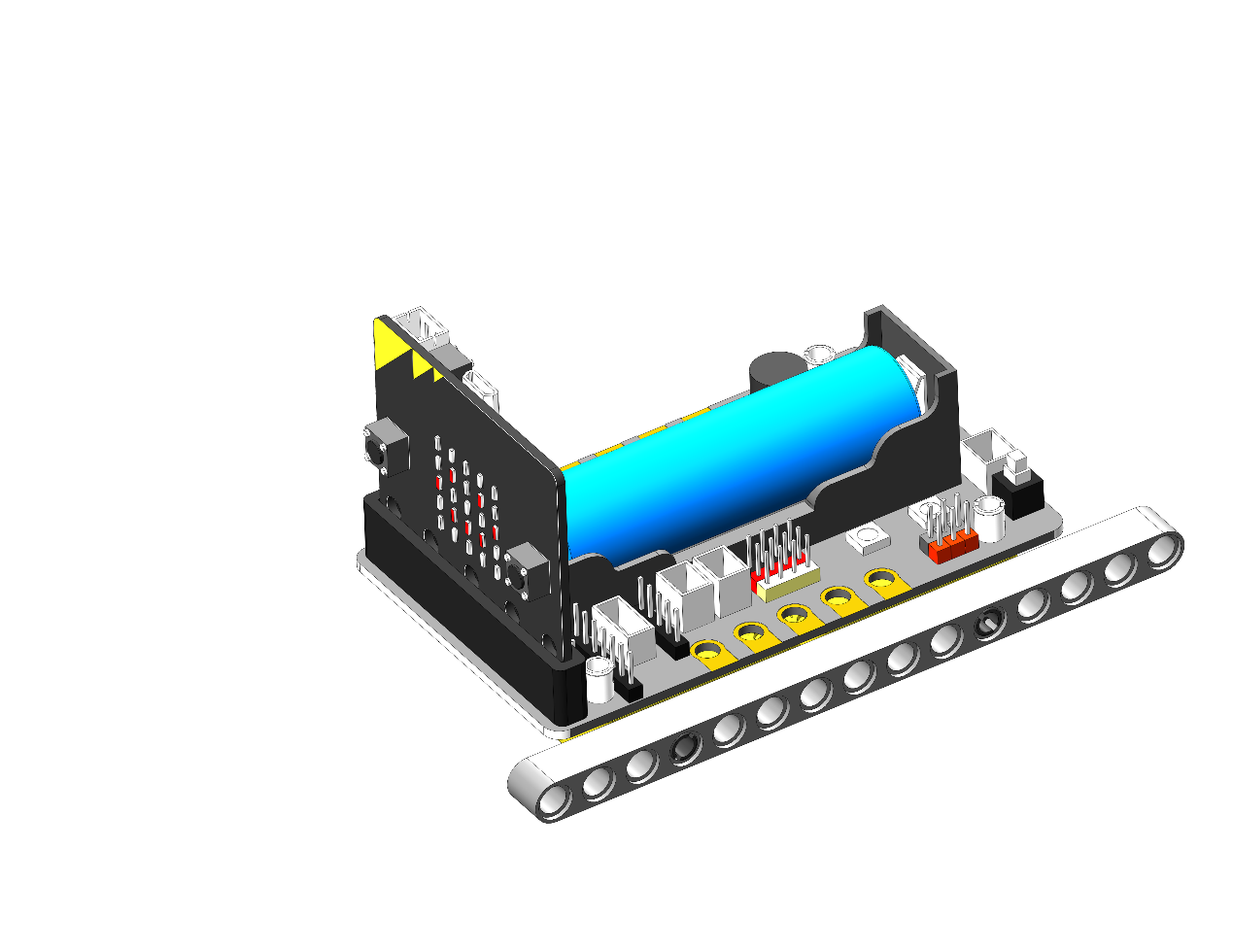




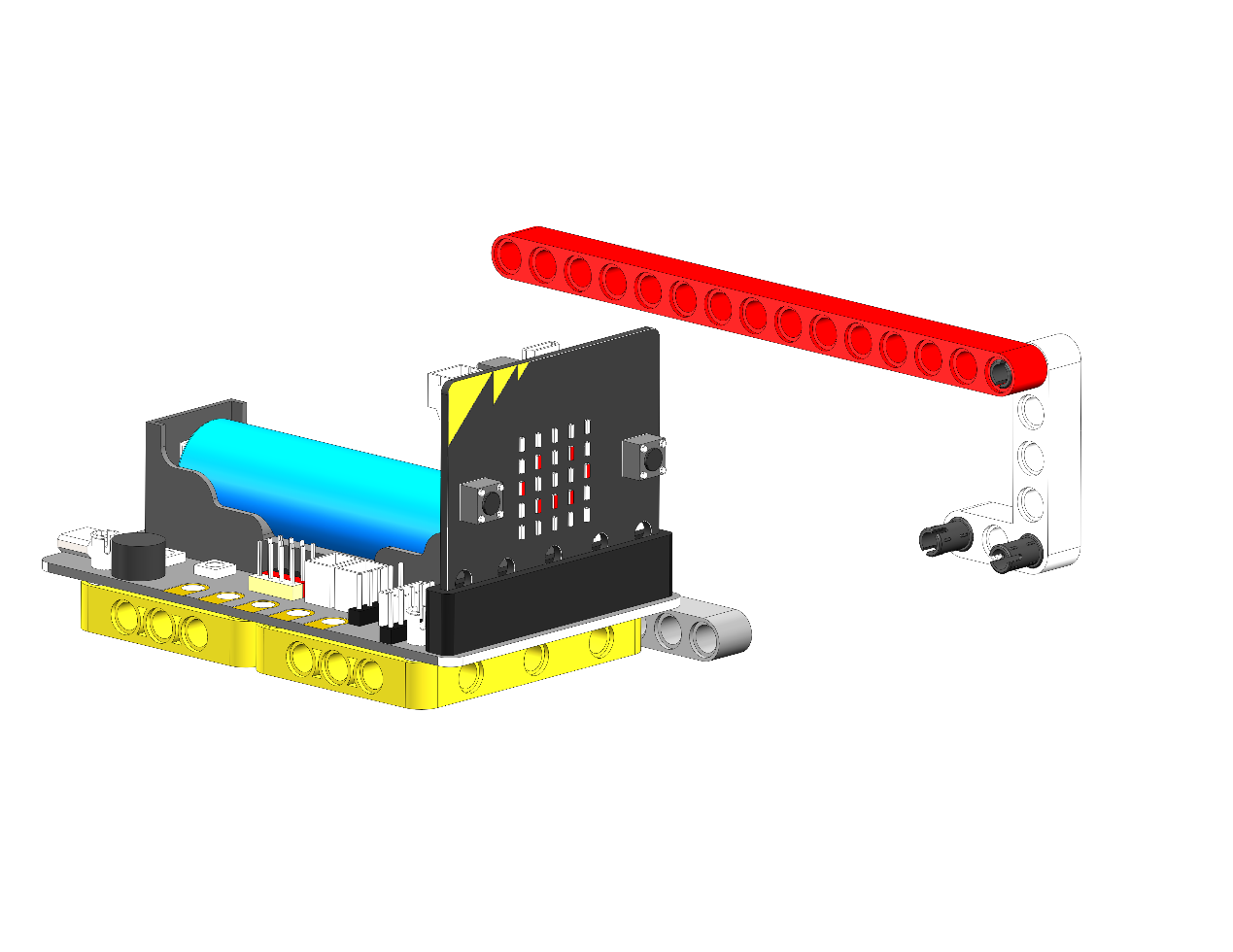


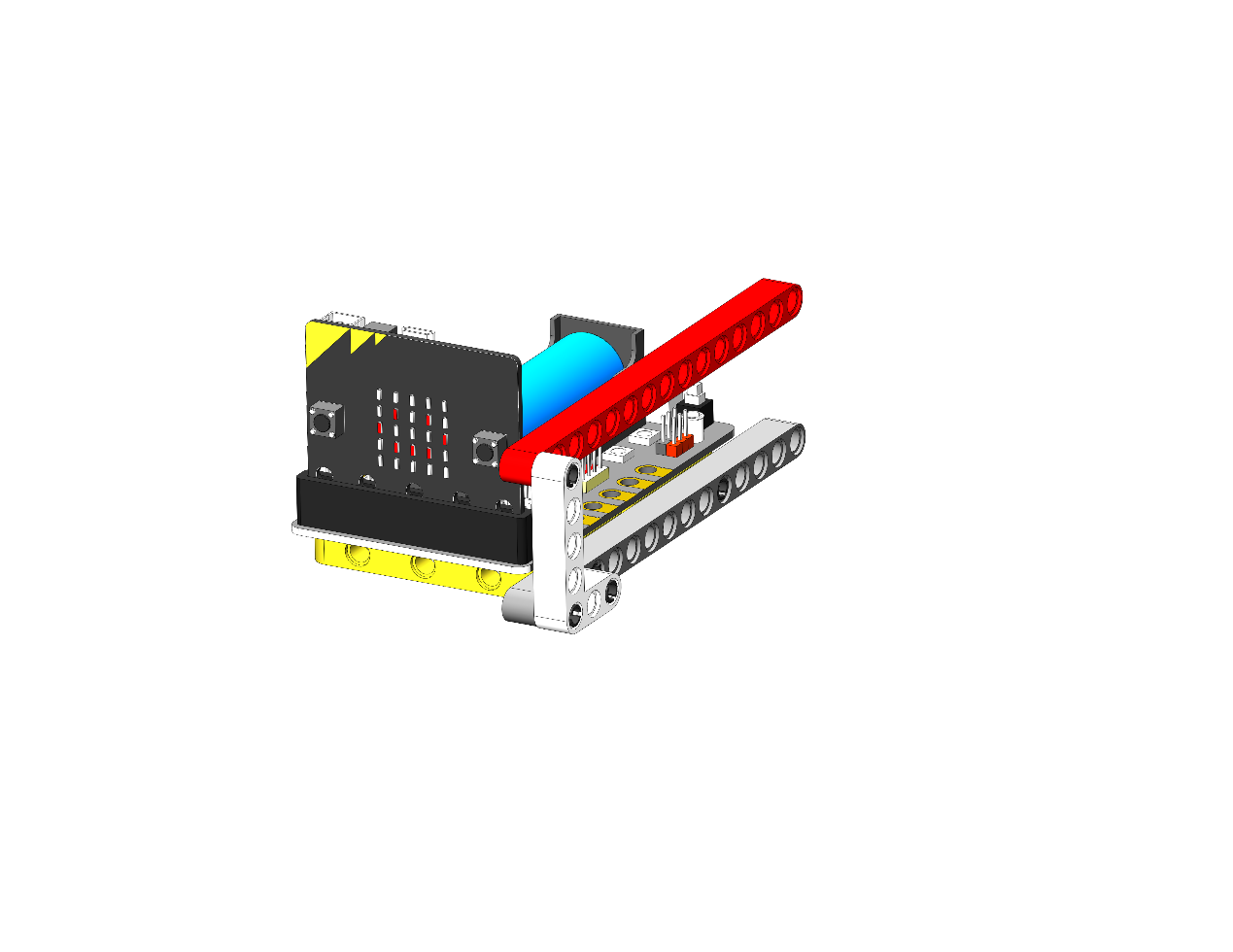


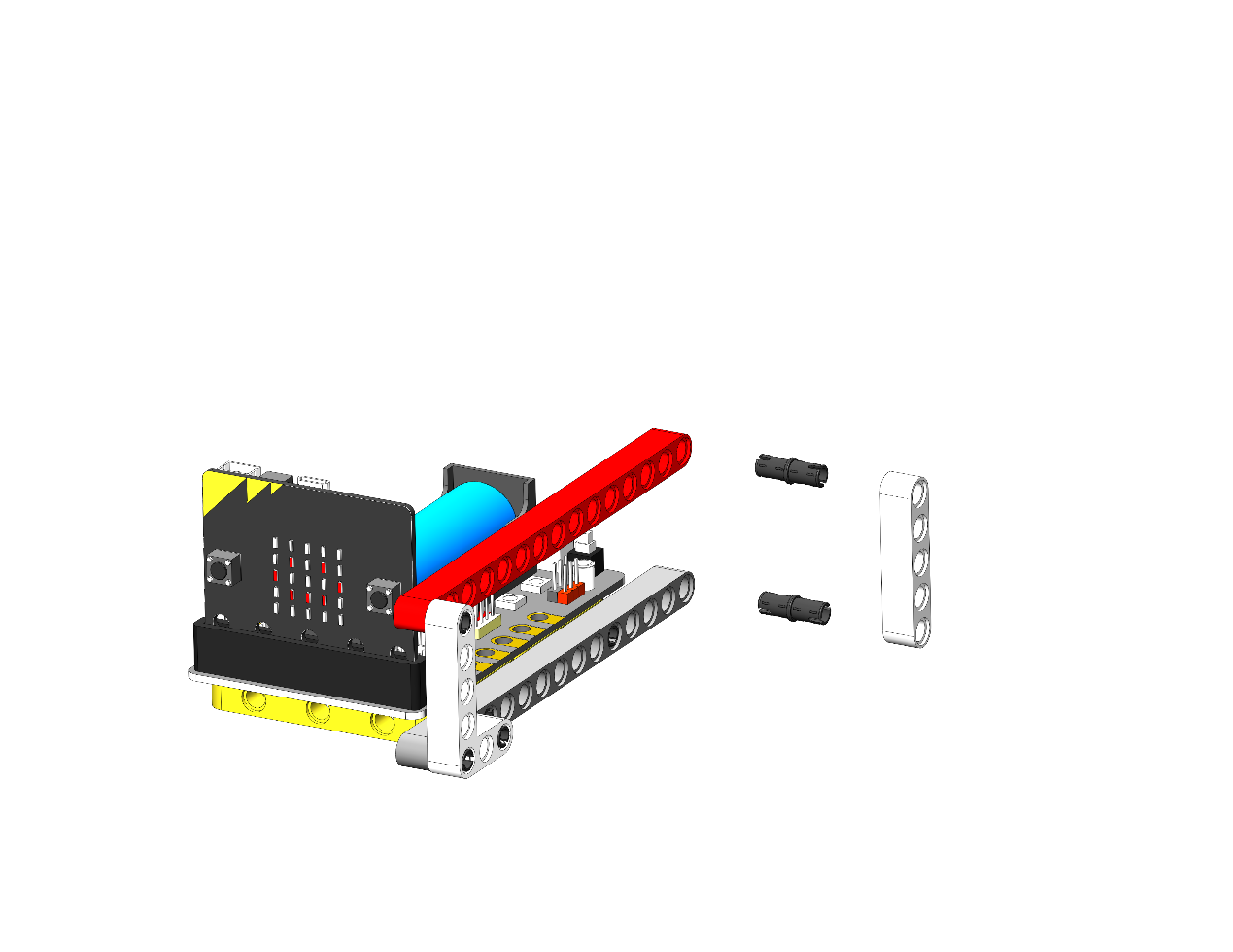


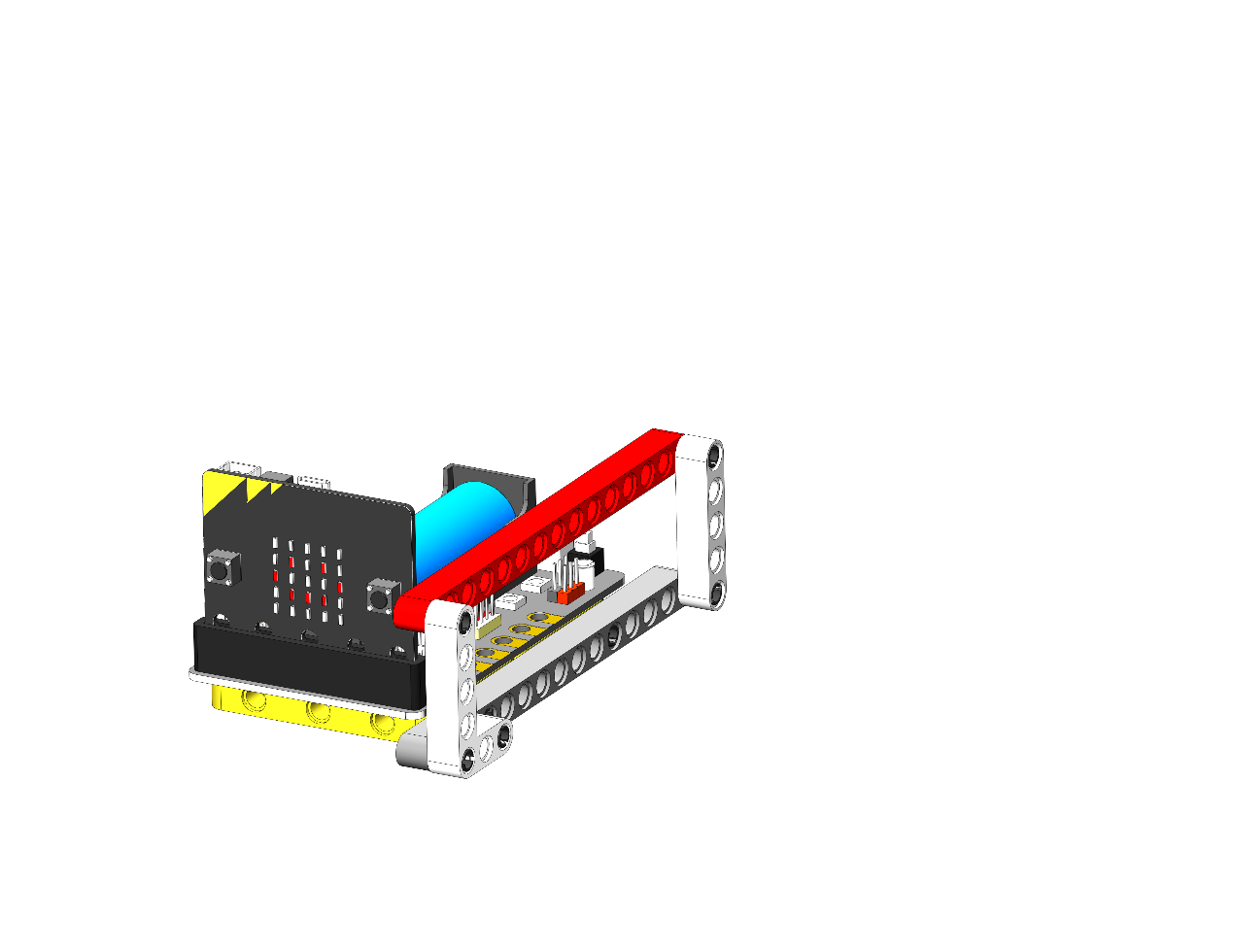


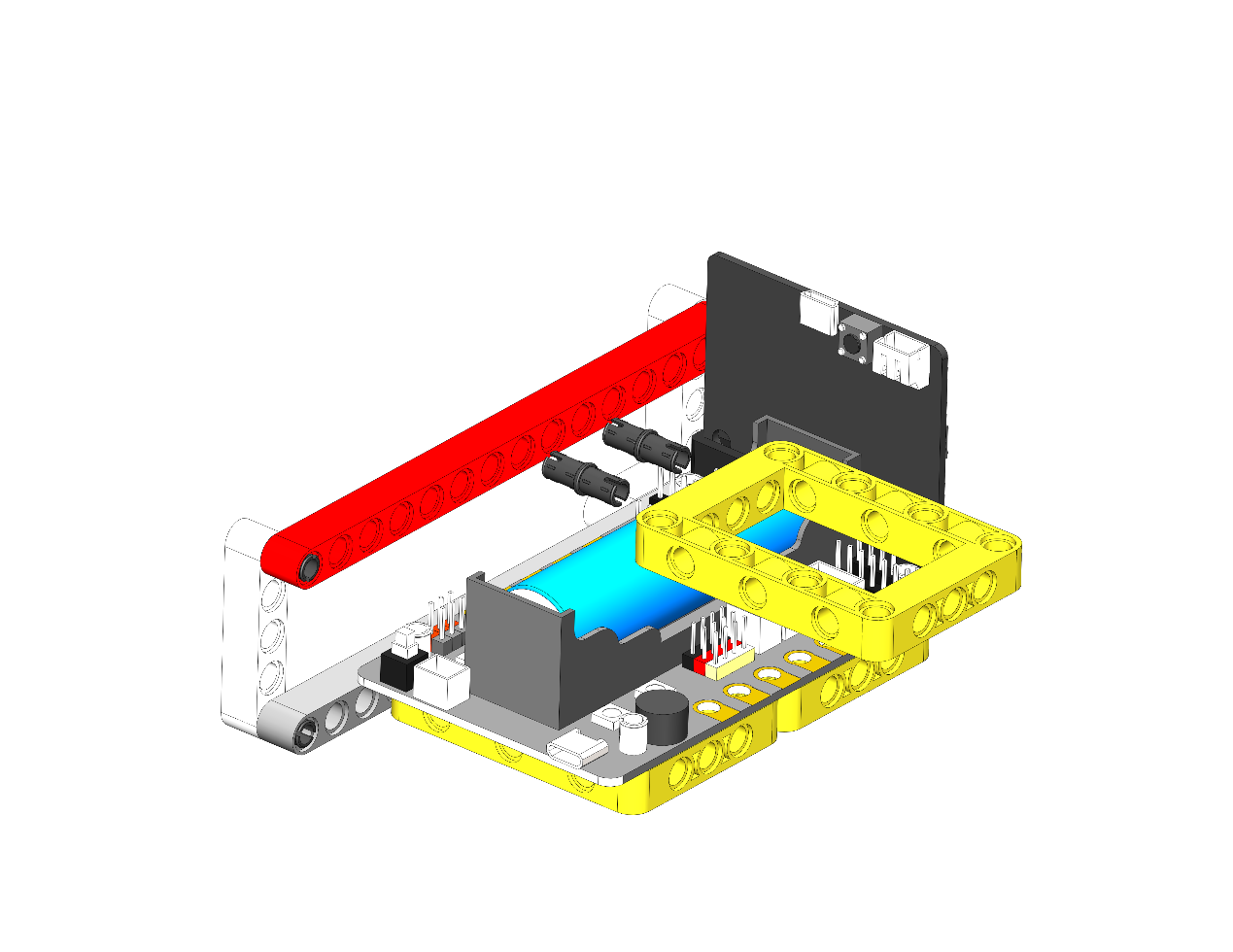


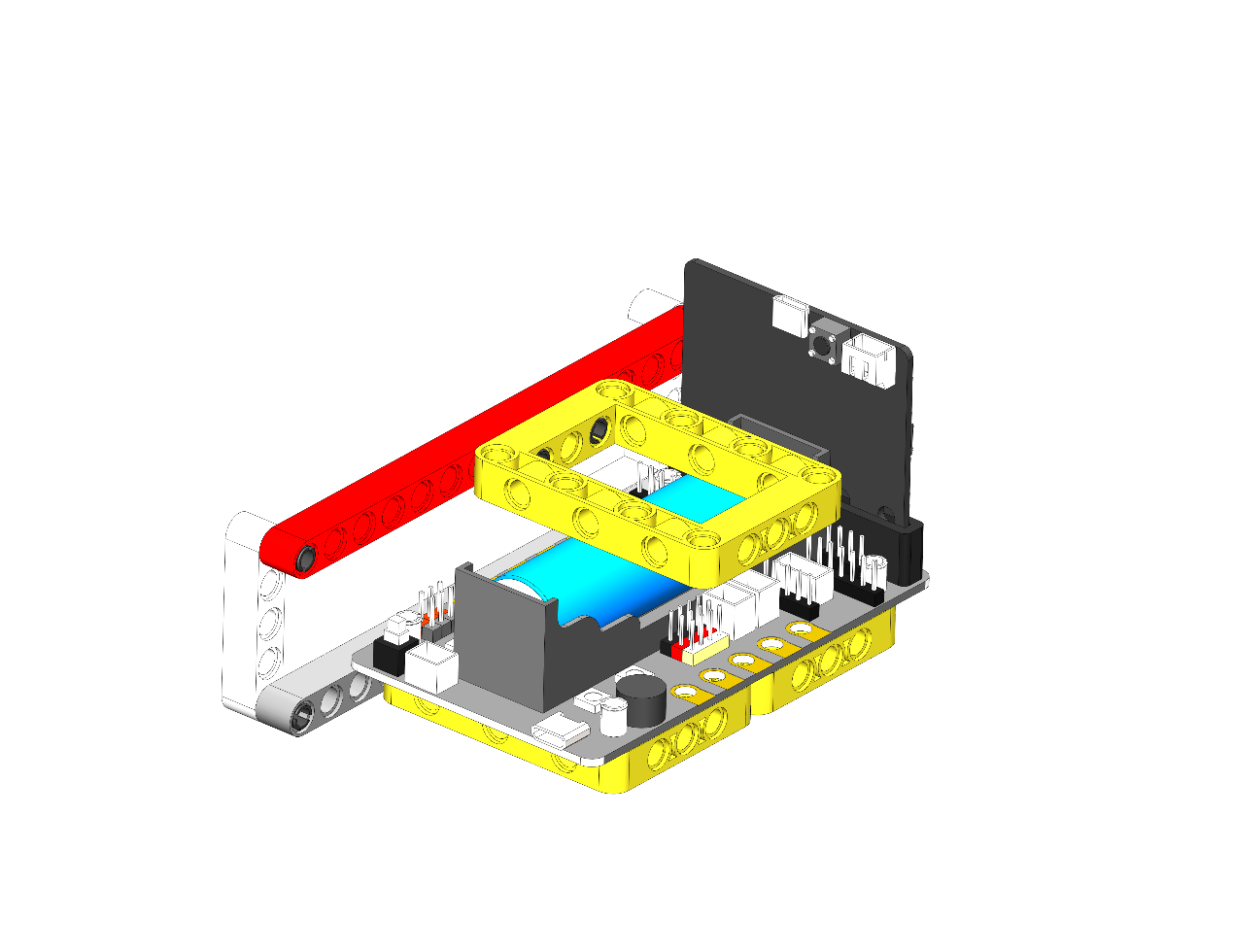


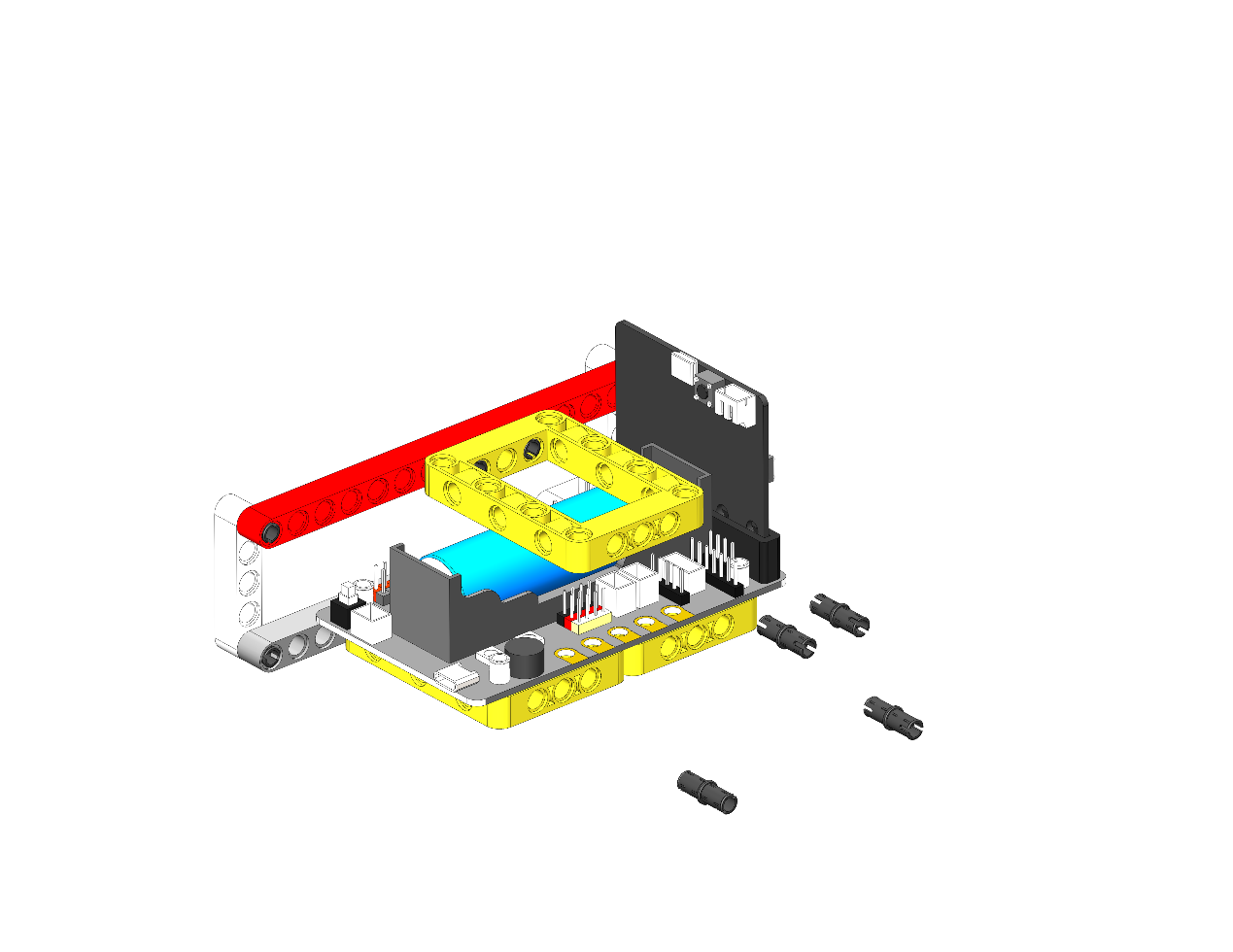


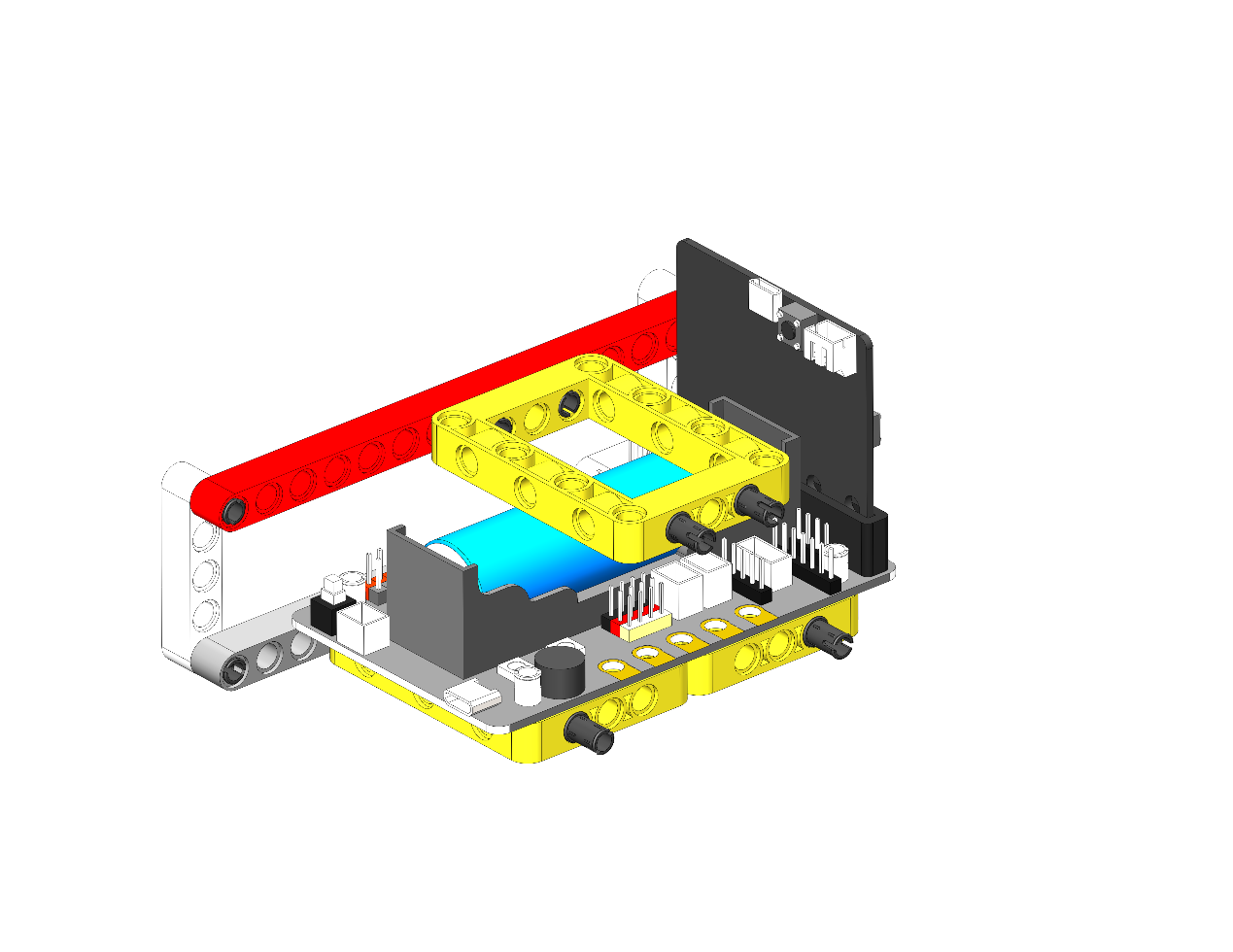


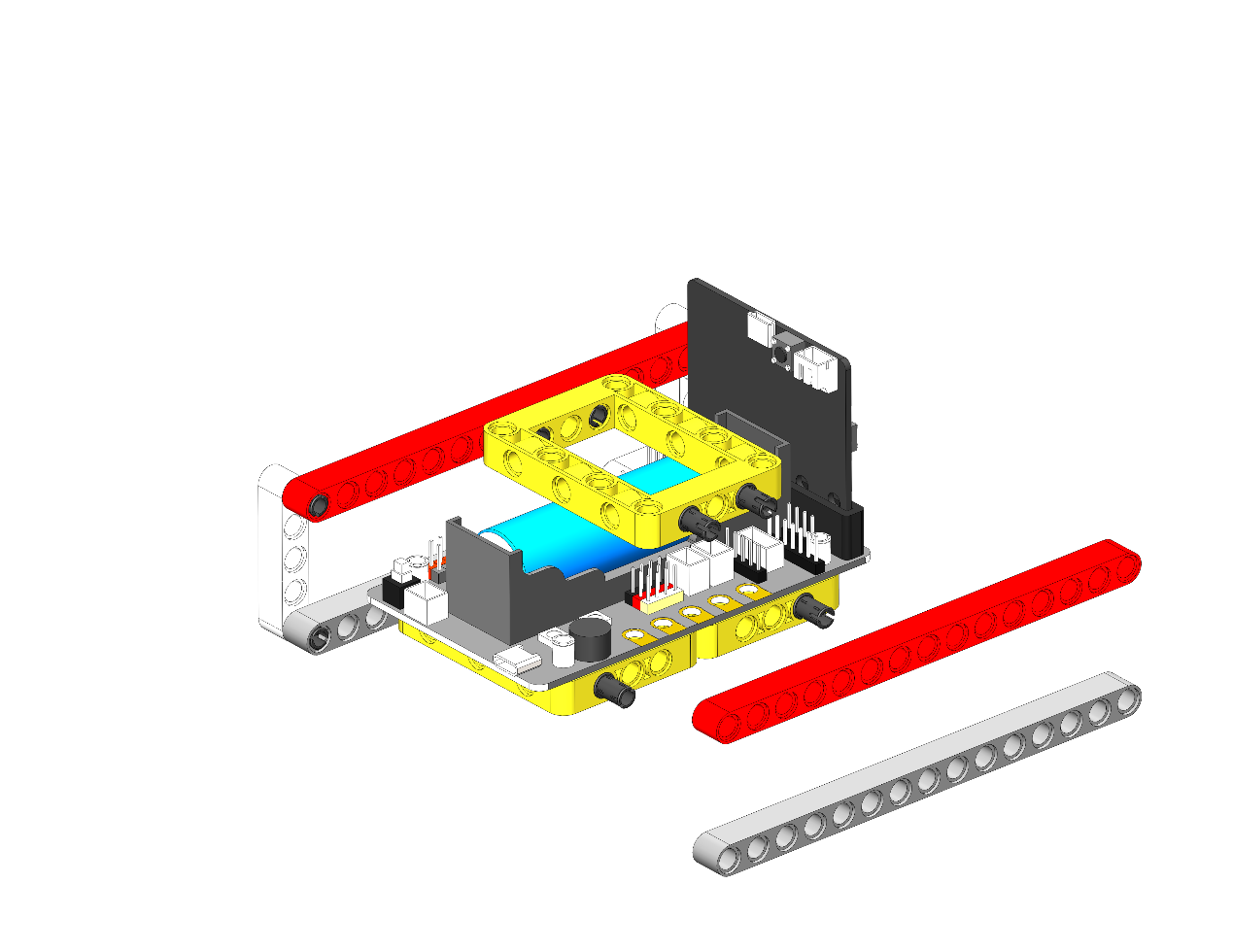


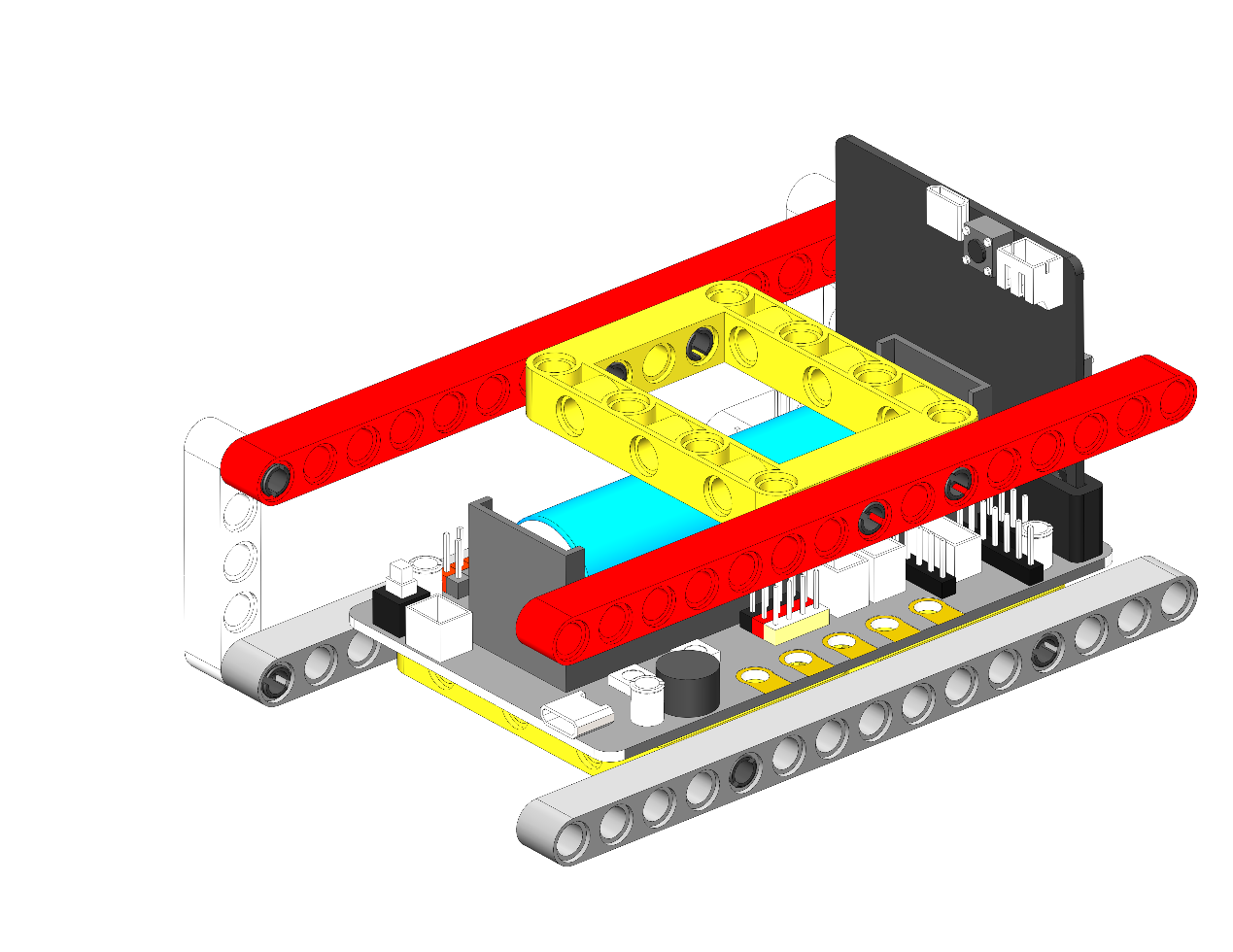


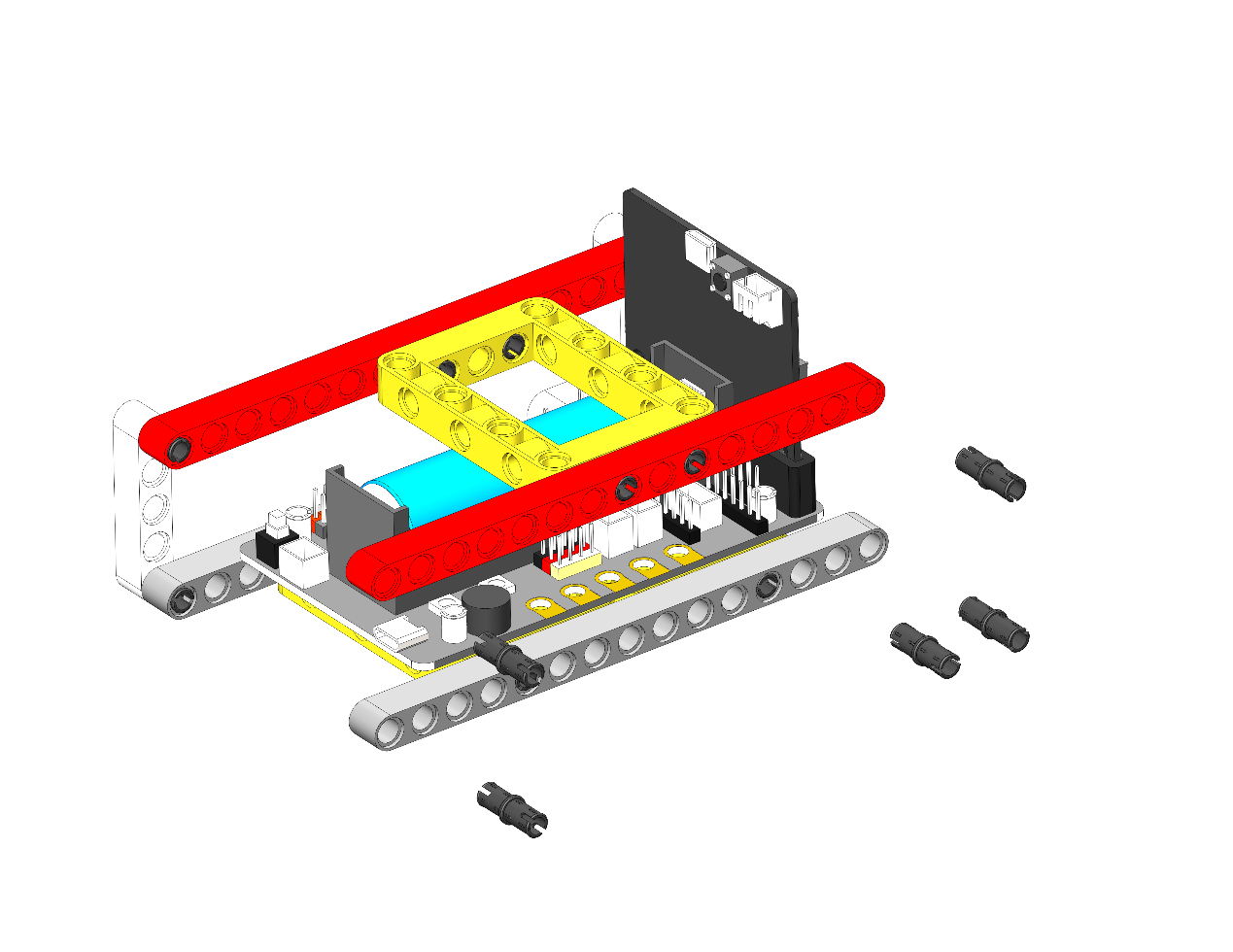


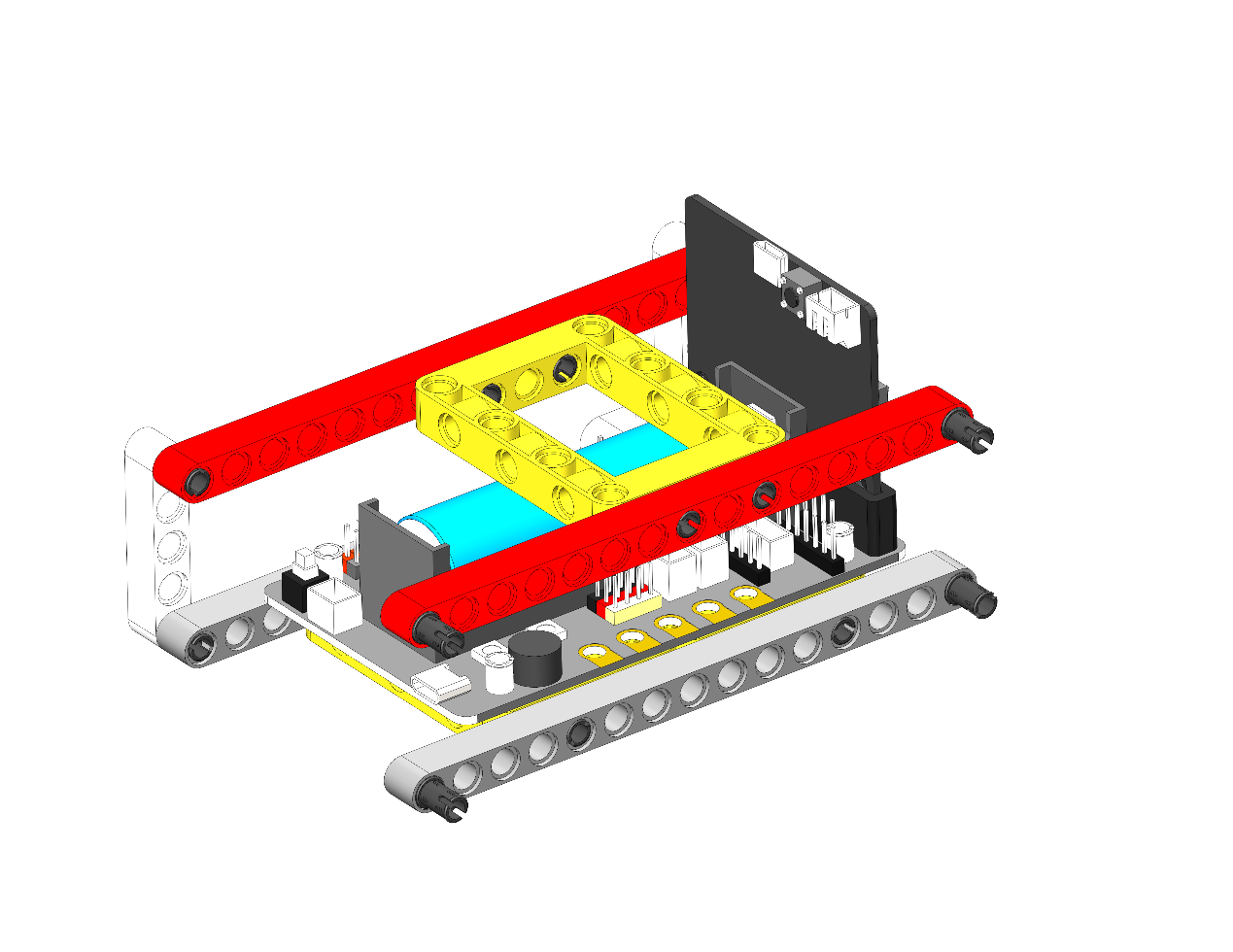


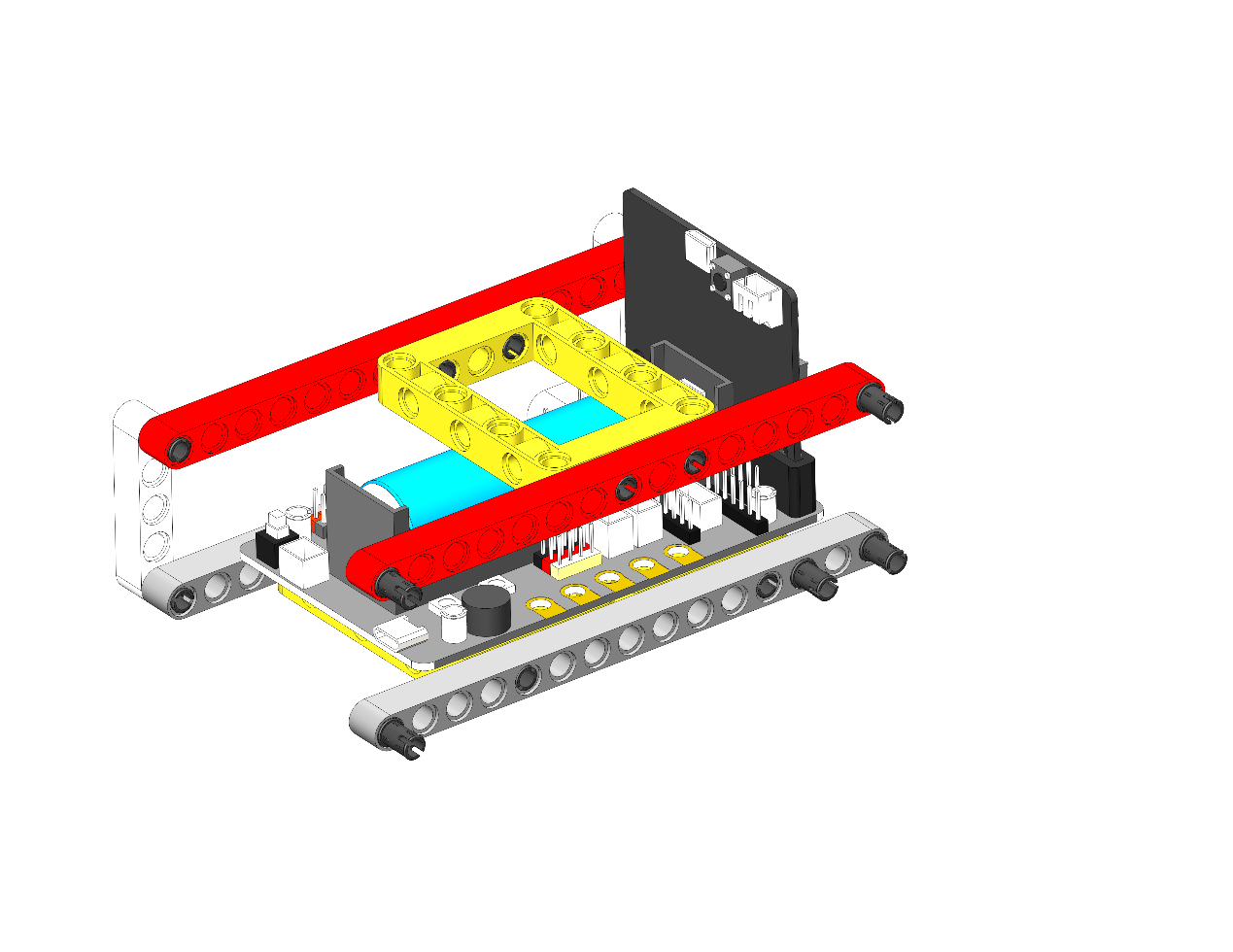


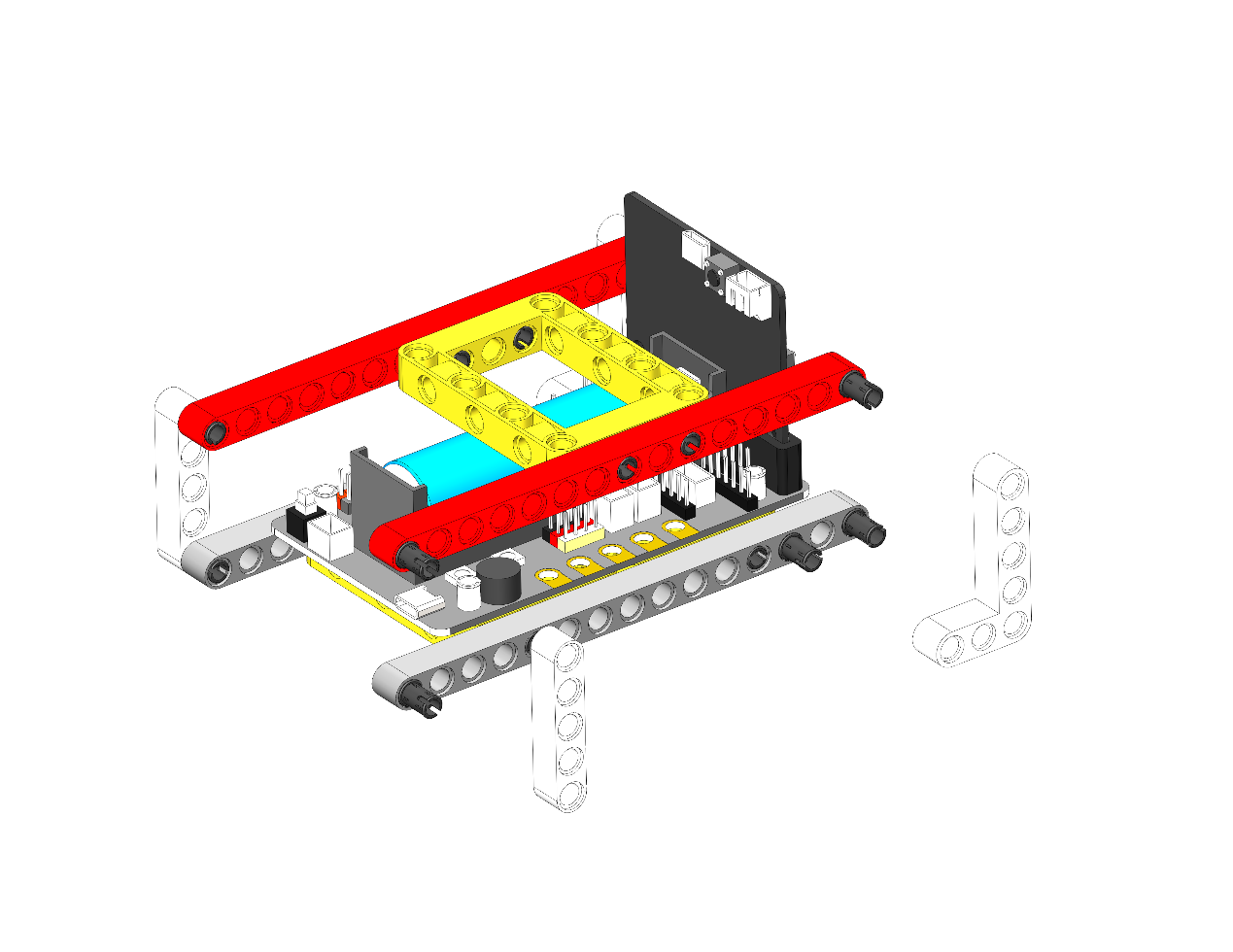


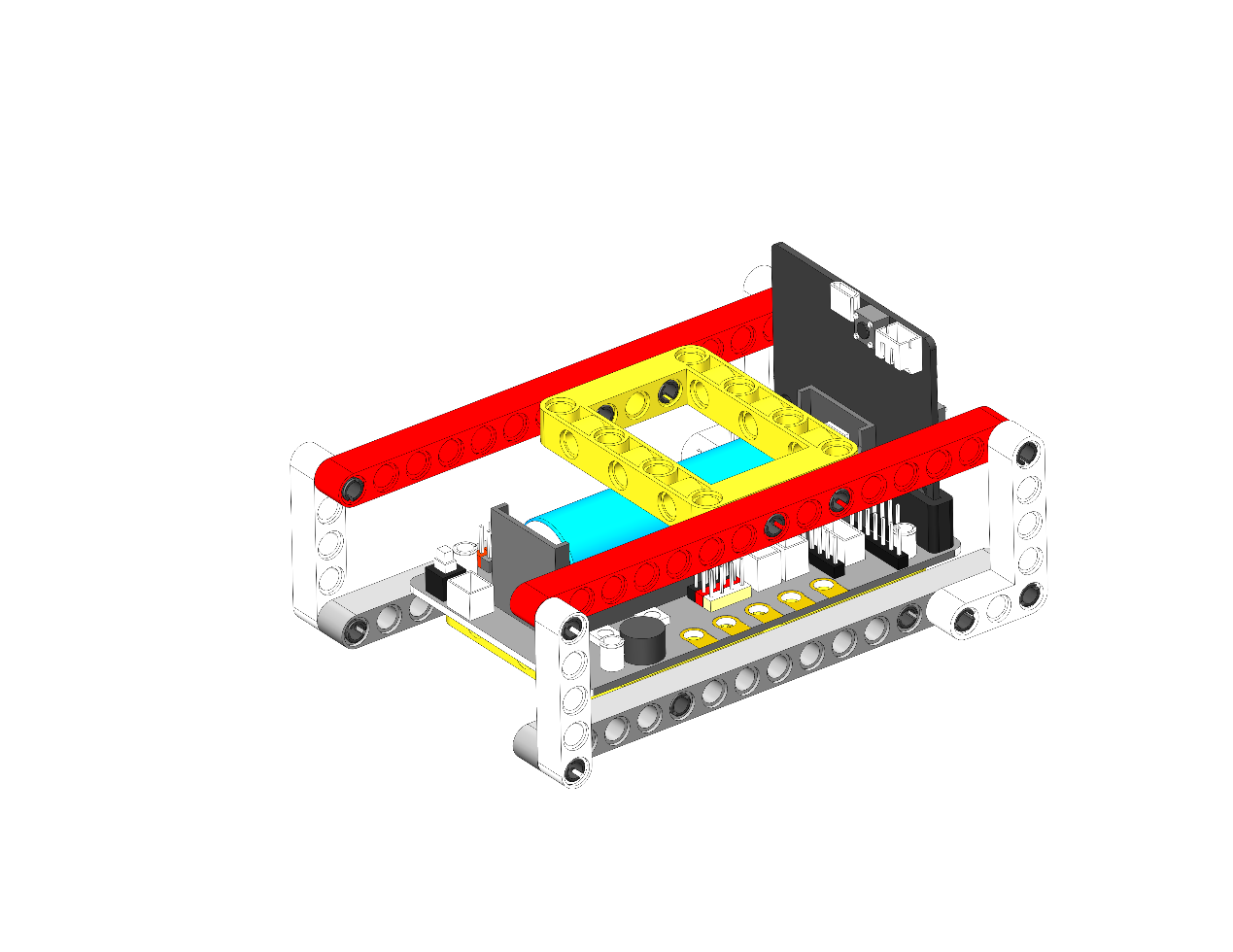


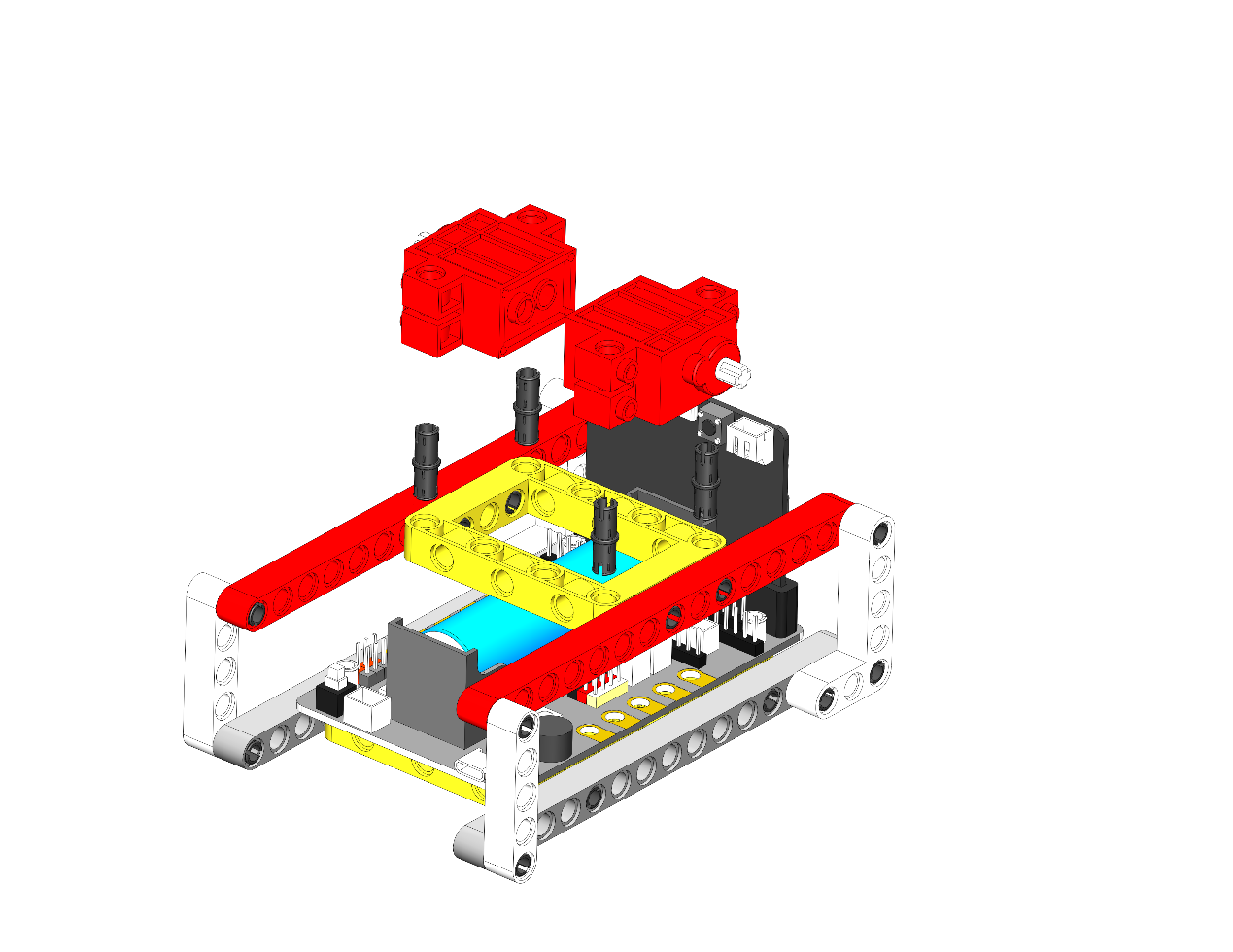


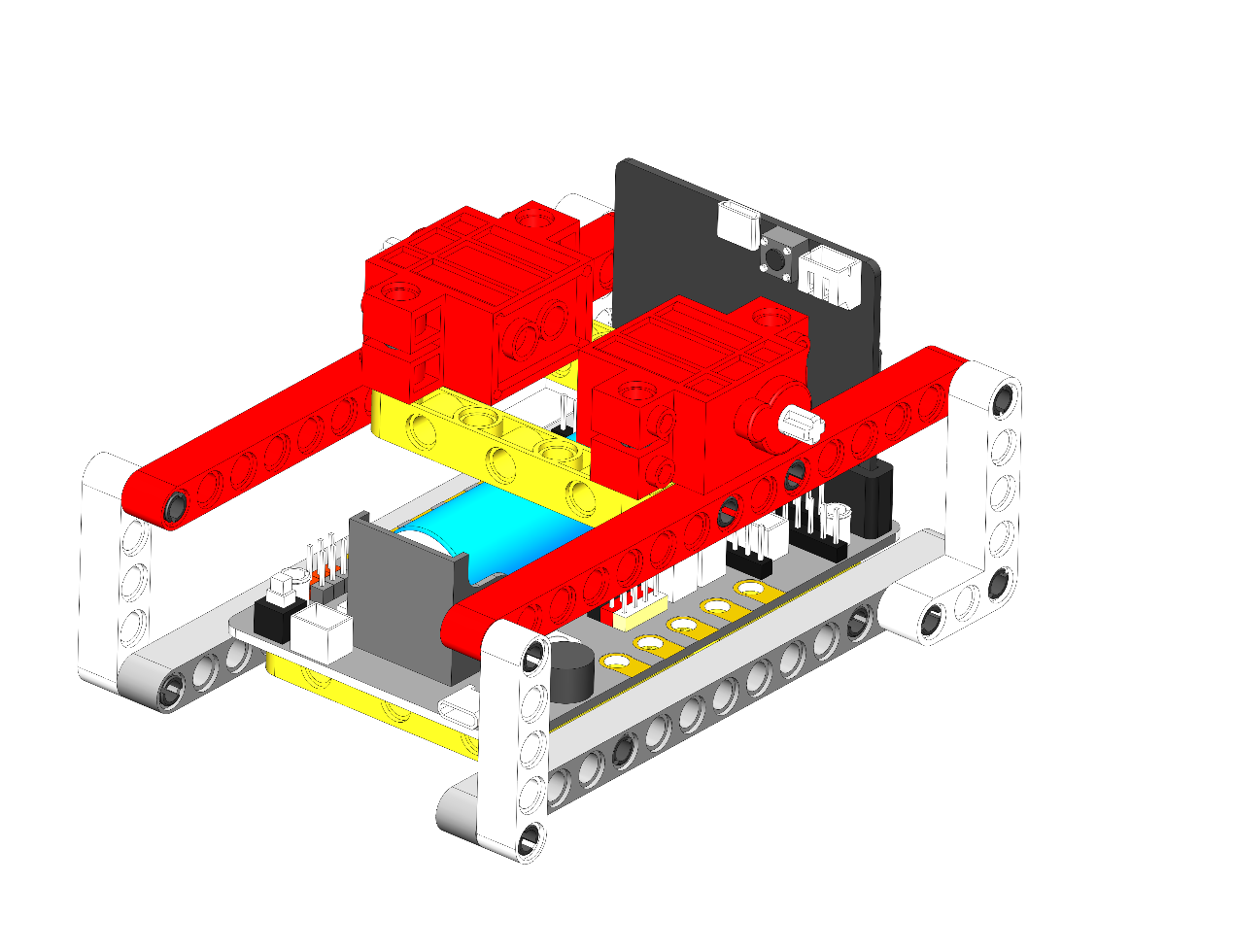


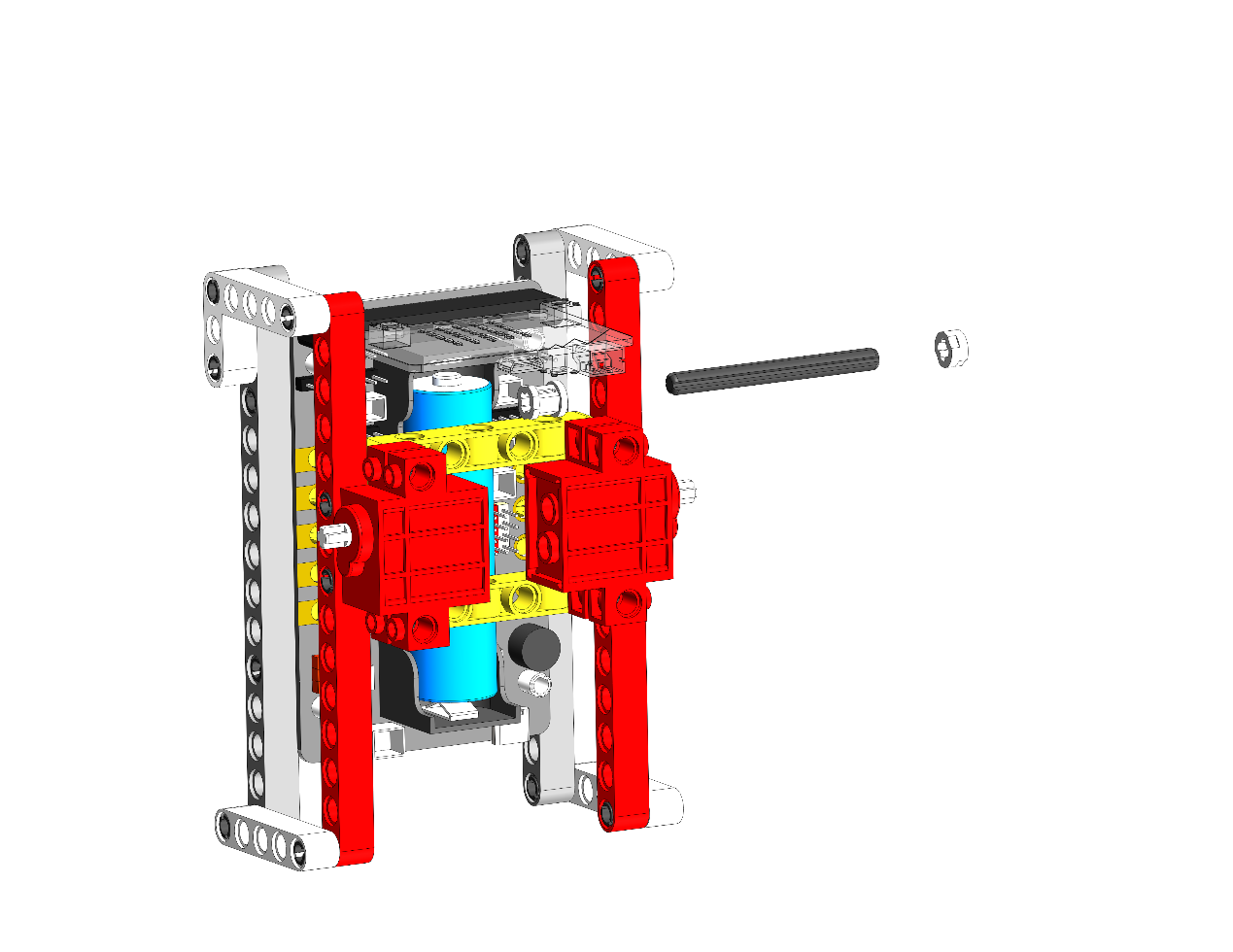


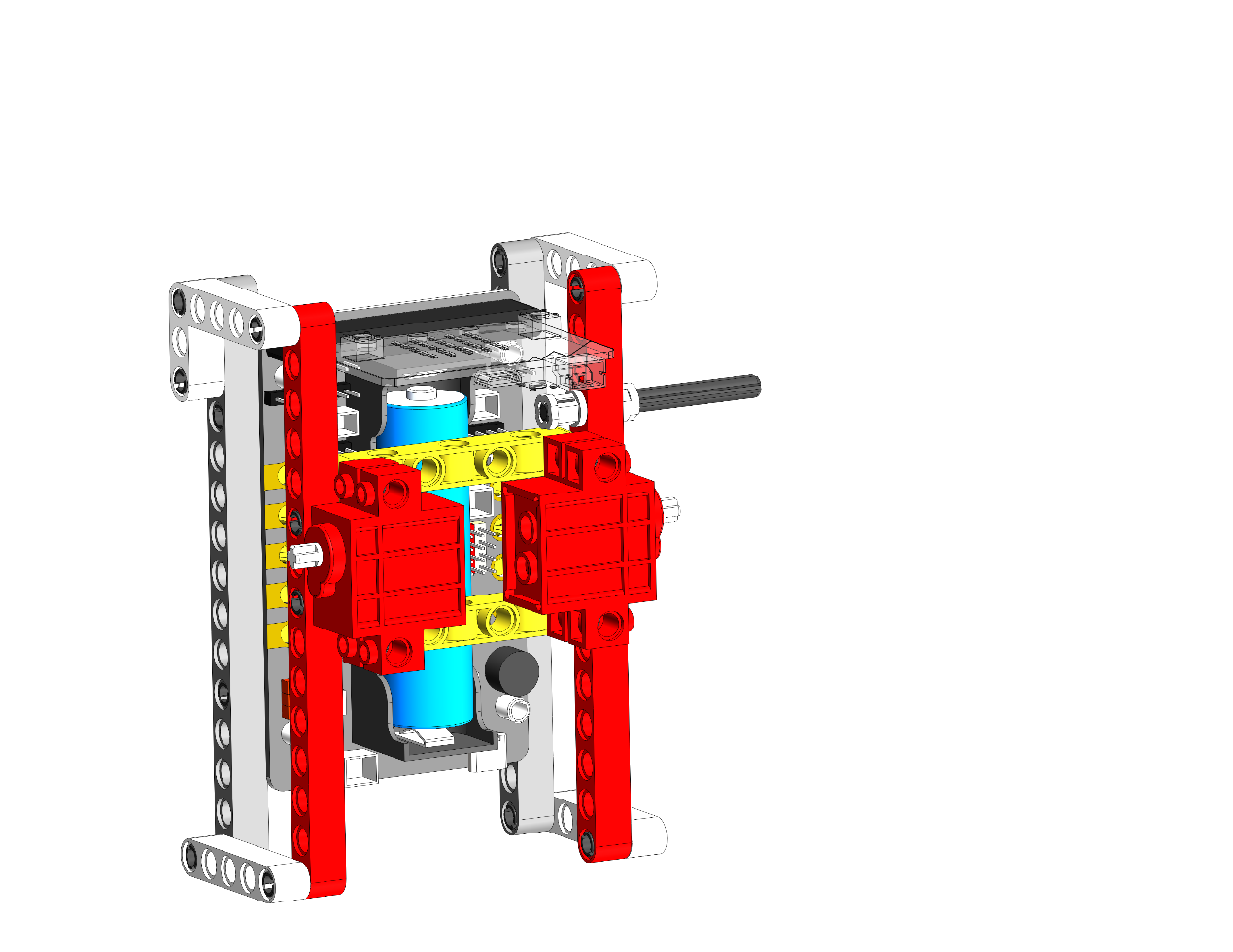


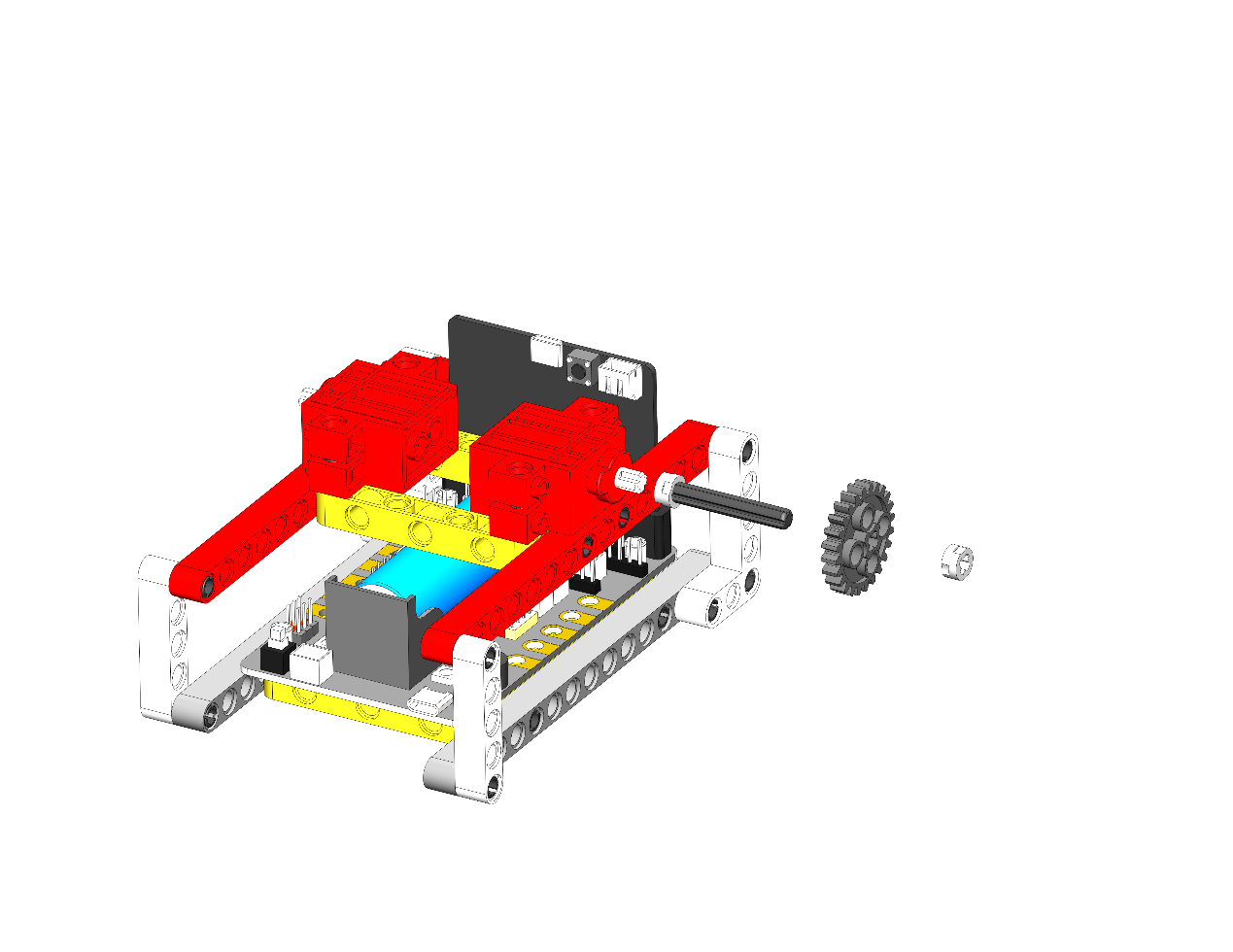


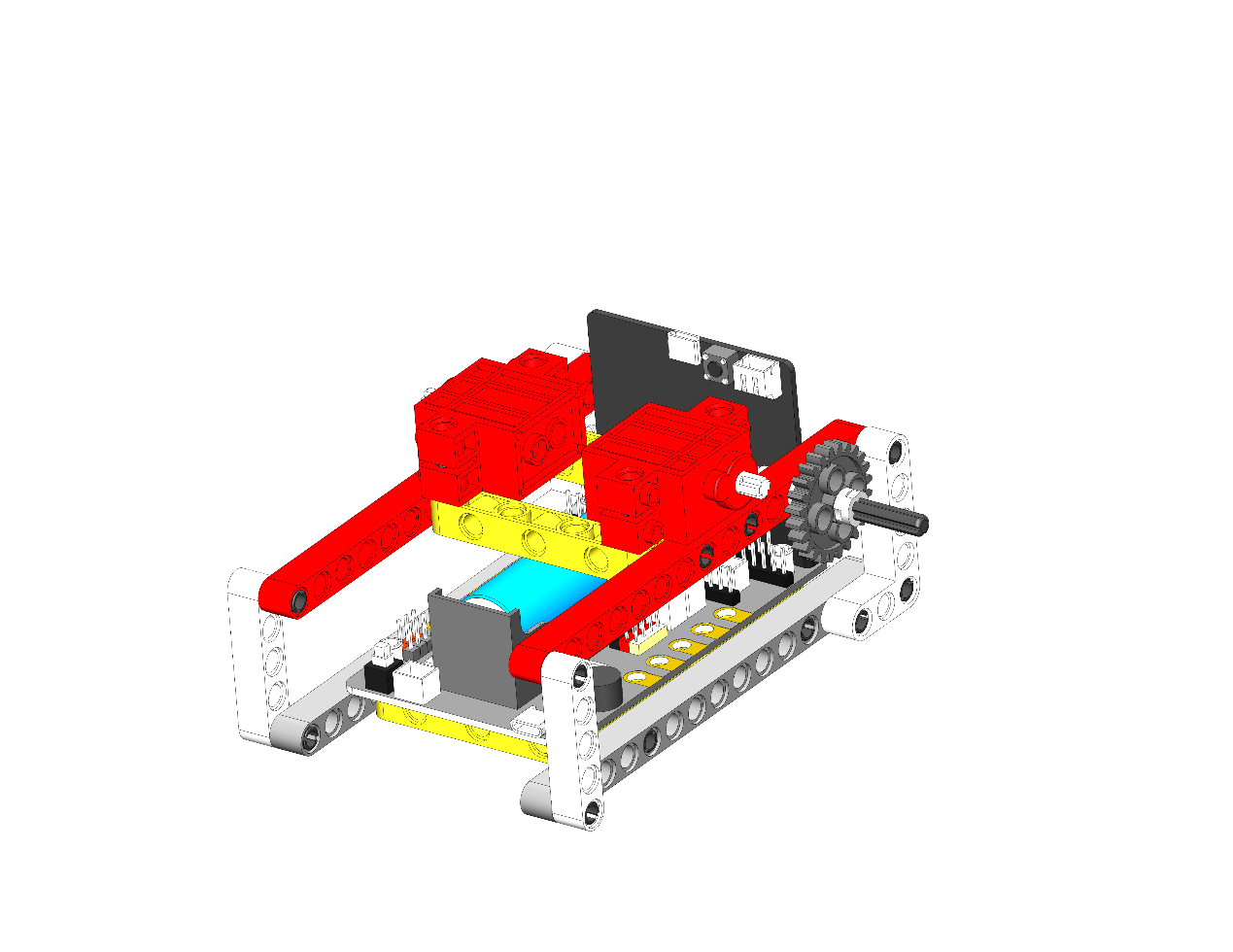


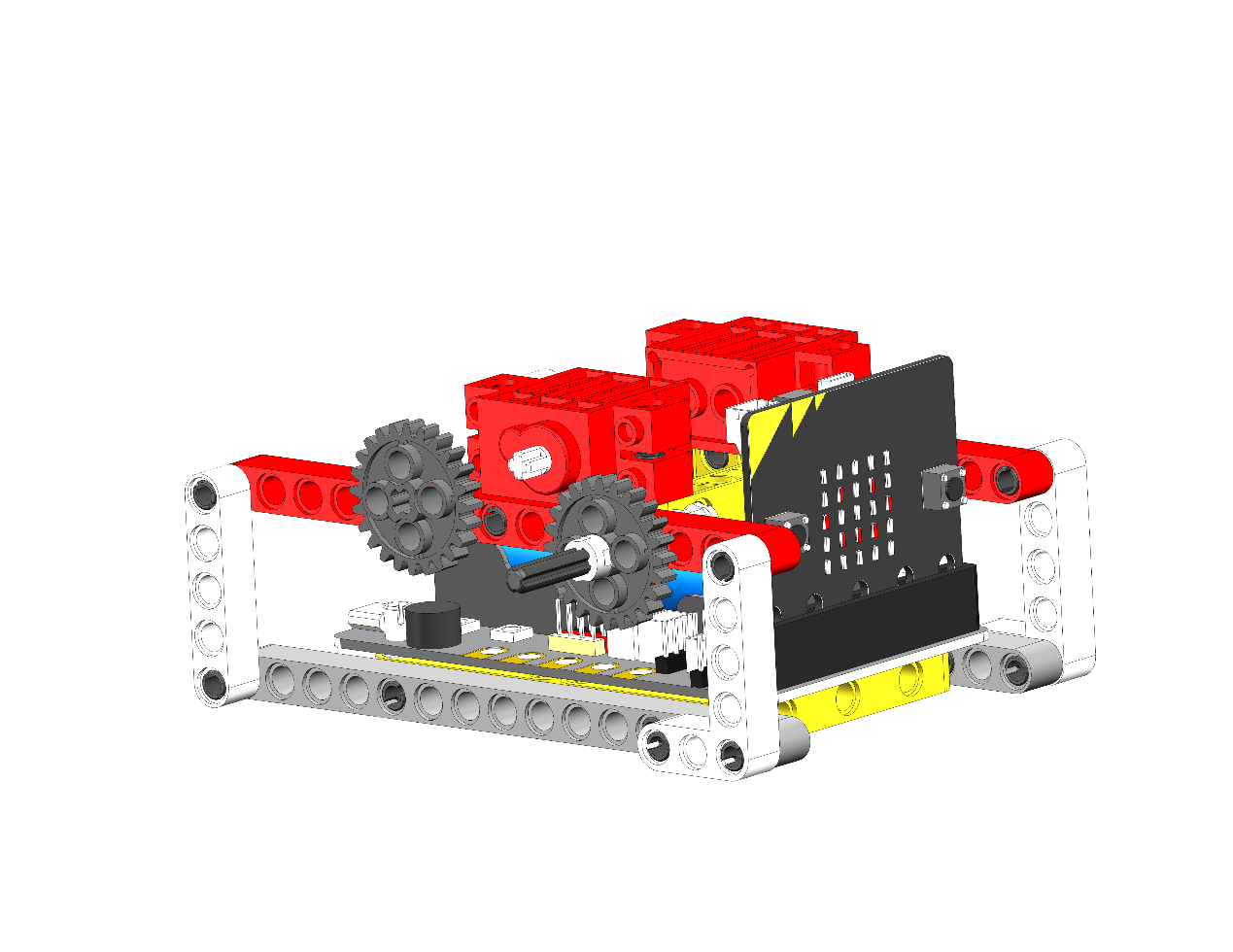


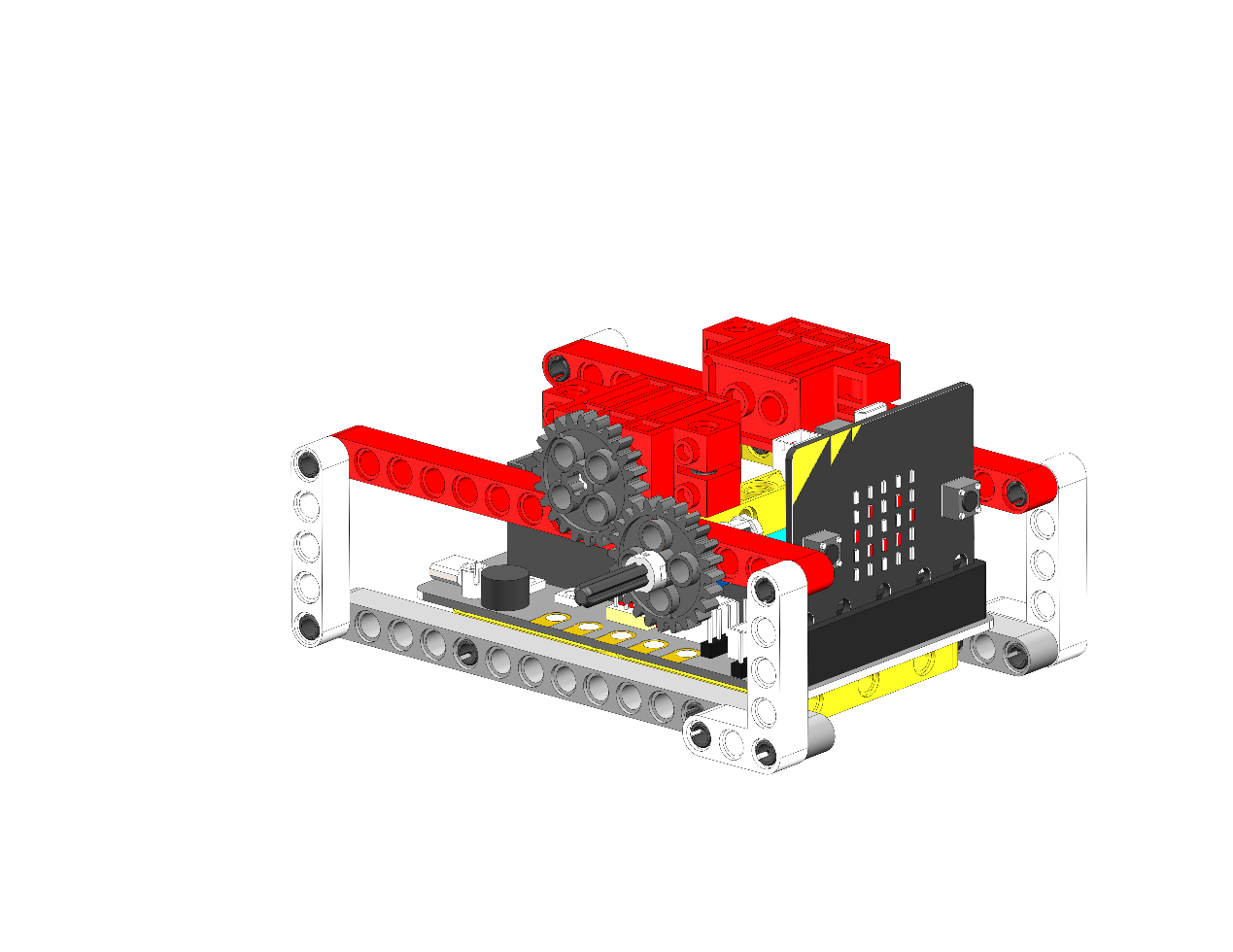


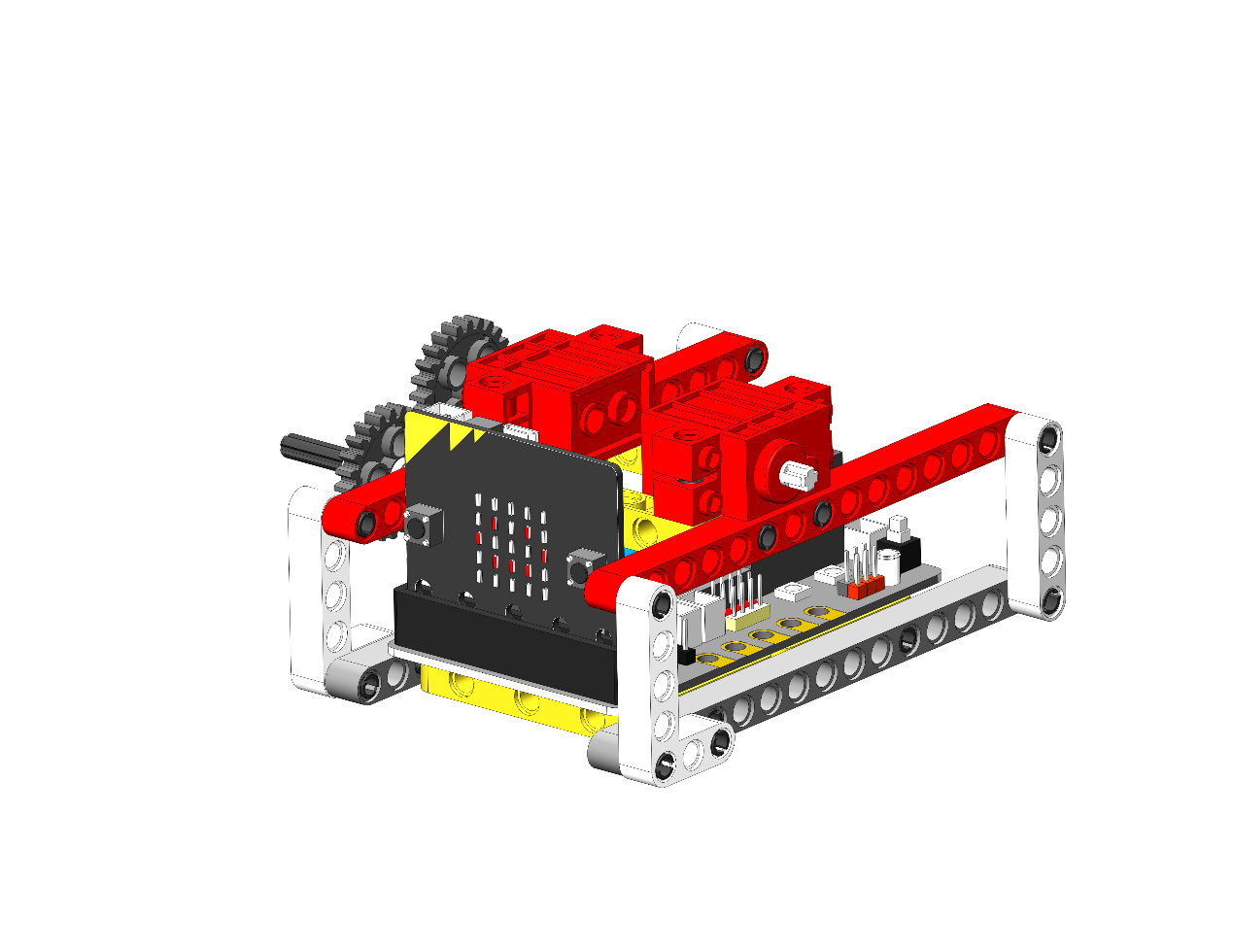


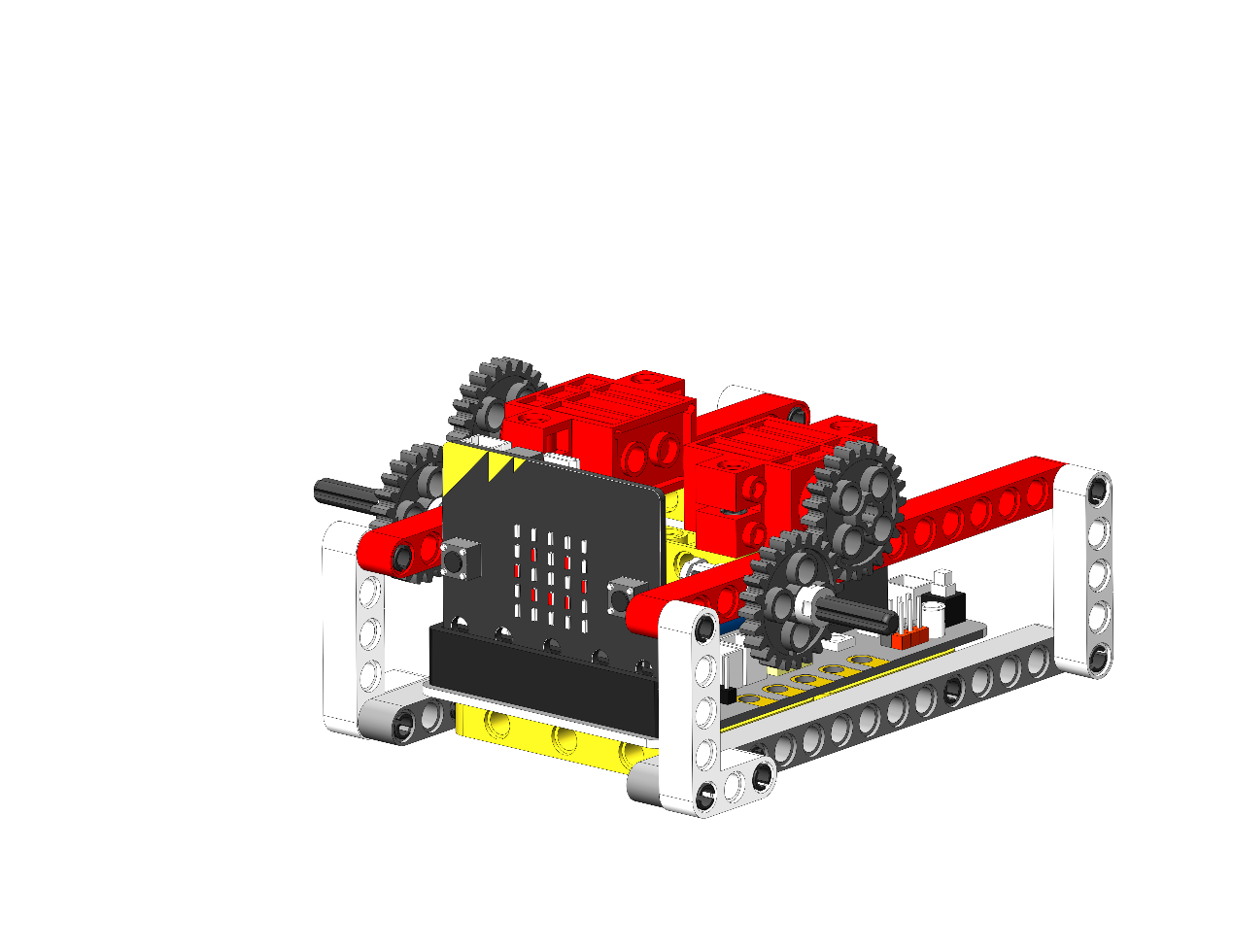


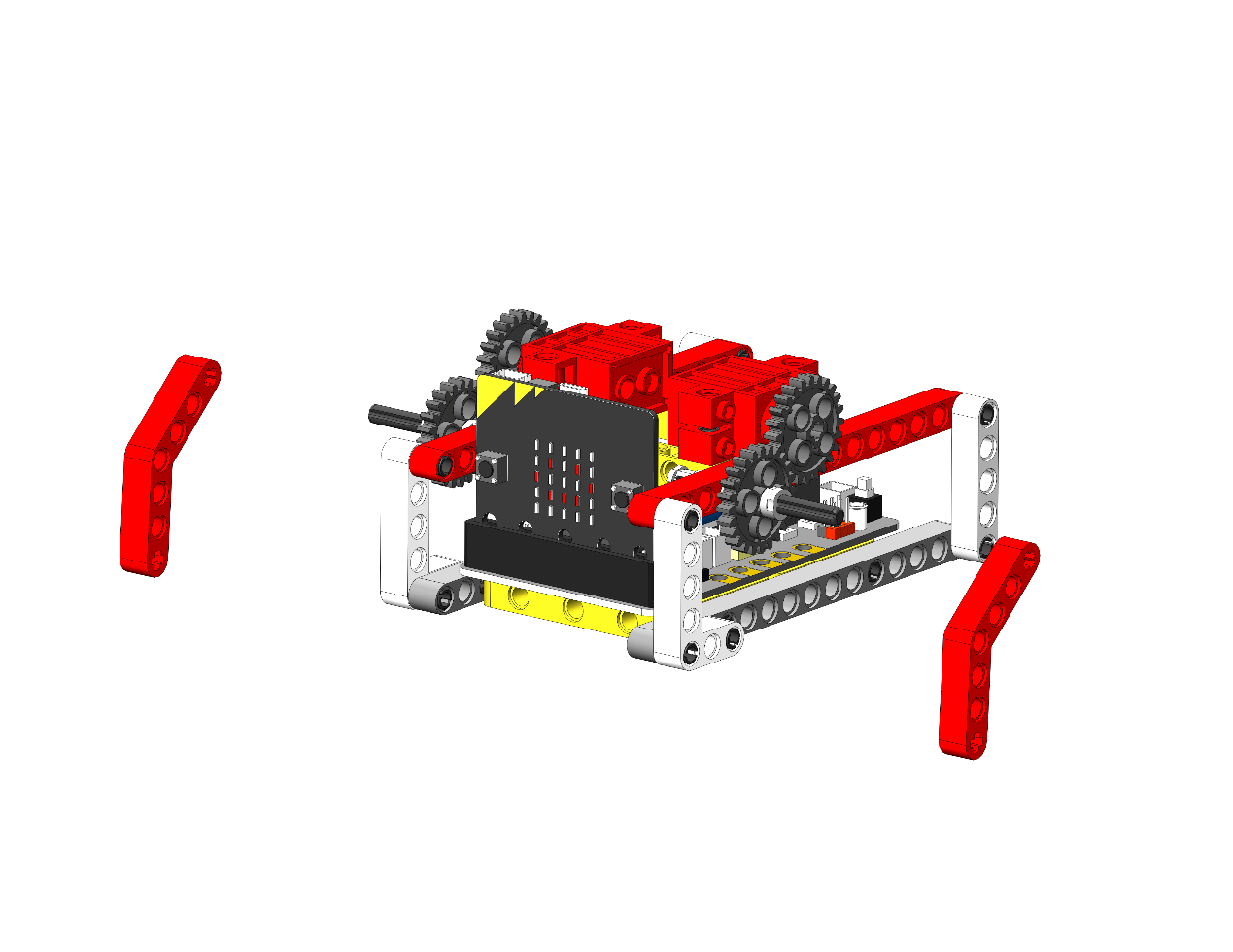


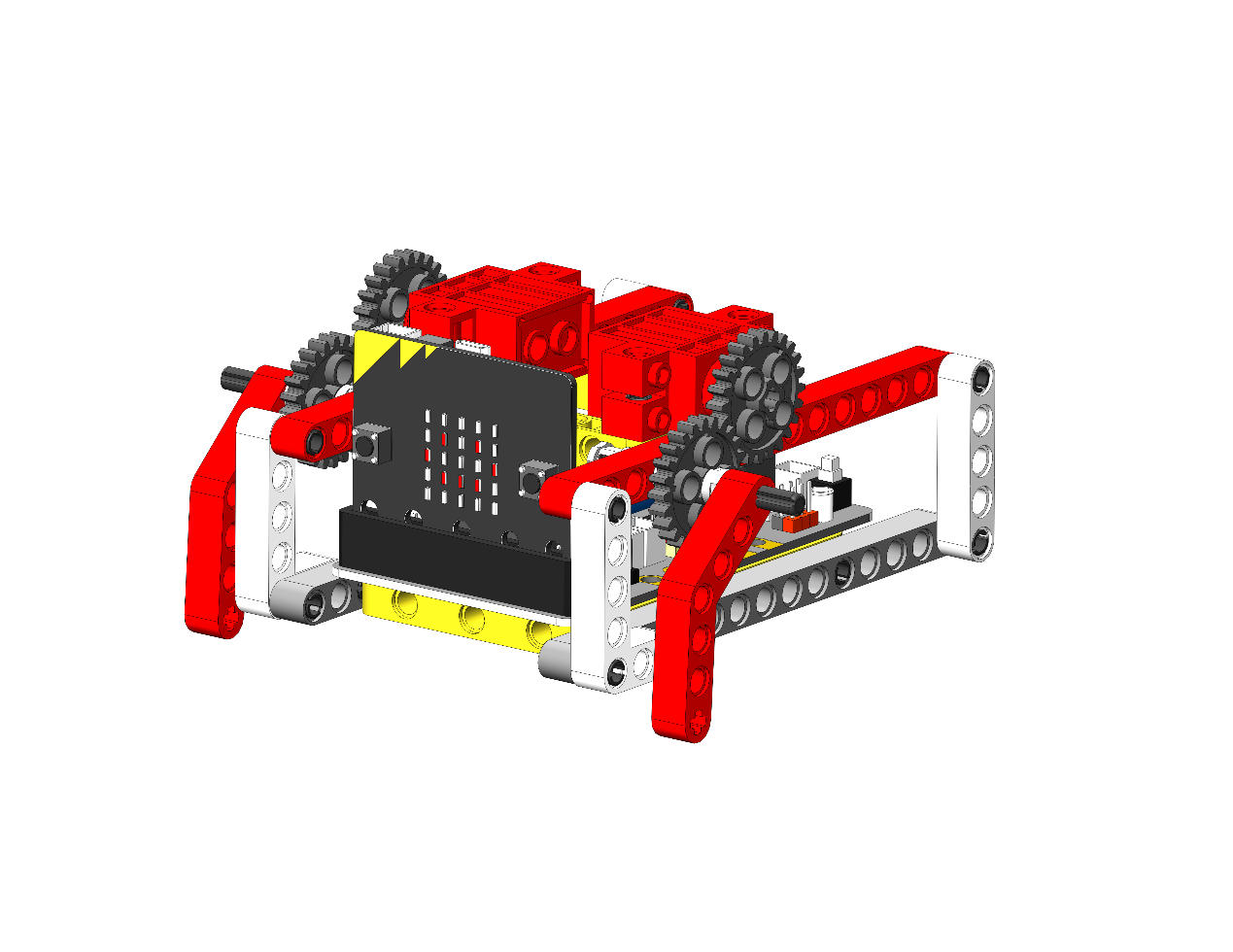












## 实验现象

程序下载成功以后，micro:bit点阵会显示笑脸；左右两边的积木电机接到M1和M3，上电之后同时正转；如果需要重新开始请按下micro:bit主板背后的复位键。