Module 5 - Turtlebot Platform

ME4140 - ROS Workshop

Mechanical Engineering

Tennessee Technological University

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- A Brief History
- Recent Models
- Turtlebot3 at TNTECH
- Tutorial 5 - Turtlebot3

A Brief History

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Recent Models

Original TurtleBot
(Discontinued)

TurtleBot 2 Family

TurtleBot 2

TurtleBot 2i

TurtleBot 2e

TurtleBot Euclid

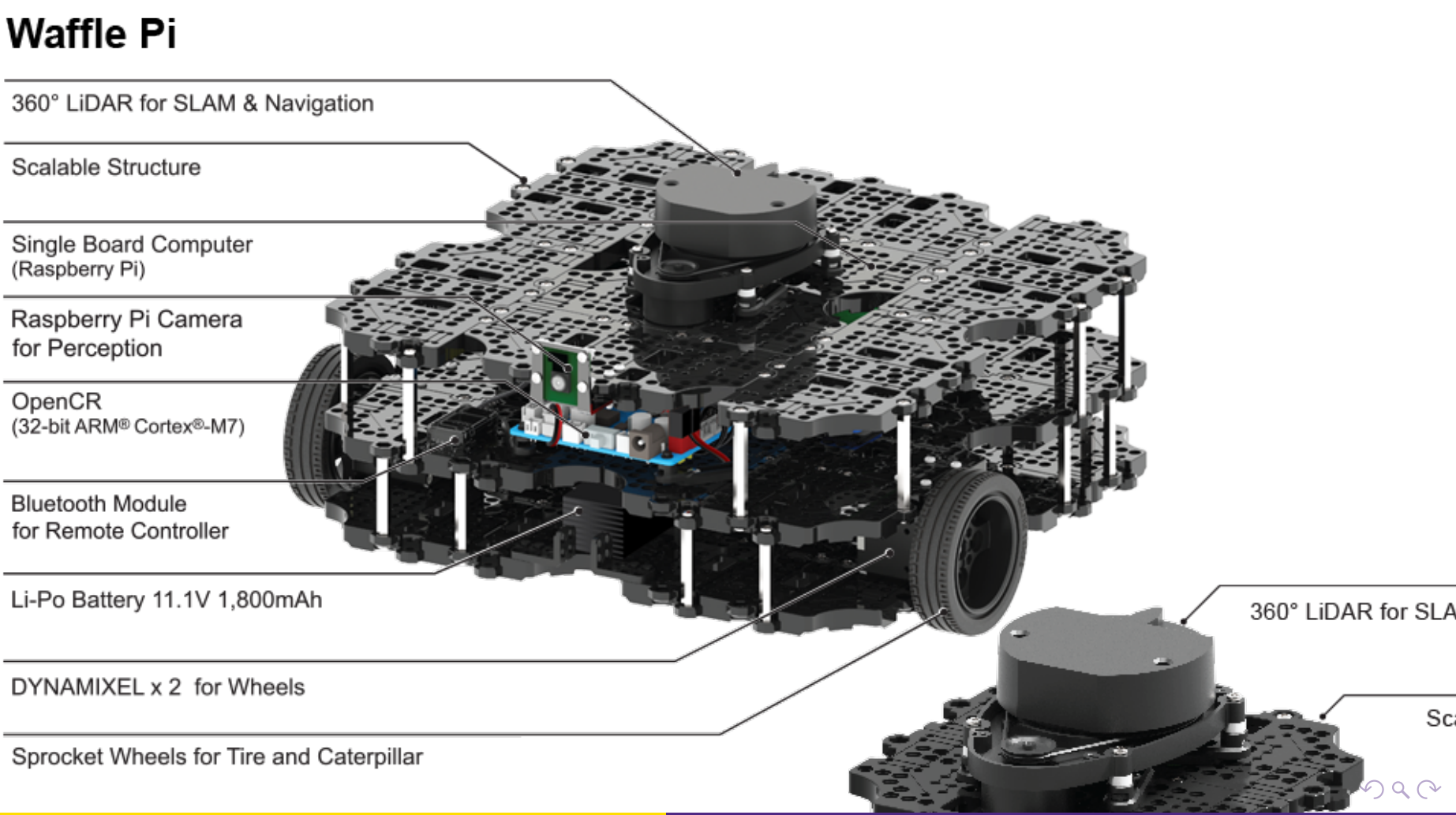
TurtleBot 3 Family

Burger

Waffle

Waffle Pi

Turtlebot3 at TNTECH



Tutorial 5 - Turtlebot3

- **Overview:** Finally, you are going to install the Turtlebot3 simulator in ROS. This is a 3D robot simualator that uses Gazebo.
- **Assignment:** Complete the Tutorial 5 Turtlebot3 Simulator on ilearn. You must be able to drive your turtlebot3 around the virtual arena.
- **Deliverable:** Write a one to two paragraph summary of what you accomplished and what you struggled with the most. Include an image of the Gazebo window after you have driven the robot around with the keyboard.
- **Next Week:** After completion of Module 5, you are ready to learn about robot navigation. You will learn to use the simulated Turtlebot3 to make a map a navigate in the Gazebo simulator.