

SJTU Cyber Shanghai 2026 AdultSize Team

Description

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- **Robot name:** Magiclab Z1
- **Height of the robot:** 1369 mm
- **Weight of the robot:** 40 kg
- **Walking Speed:** 1 m/s*
- **Number of degrees of freedom:** 25
- **Type of motors:** Magiclab Robotics Integrated Joints.
- **Sensors:** Camera, RealSense D435 with IR disabled; Gyro, 9-Axis IMU
- **Control unit:** Cortex-A76+ Cortex-A55+ ARM Cortex-M0
- **Perception and Decision Unit:** Jetson Orin NX 16GB
- **Materials:** Aluminum Alloy and Engineering Plastics
- **Battery:** 10Ah Ternary Lithium Battery

* This specification is subject to change as it is still under development.