

## Sensor

### IMU

Body  
Orientation 1 KHz

### LIDAR

Laser Scanning  
Data 40 Hz

### Joint Encoders

Joint Position 3 KHz

## Controller

### High-Level Controller

Intel Core i5 – 4520U

Obstacle  
Detection 40 Hz

Approach  
Adjustment Event Driven  
< 1 msec

Trajectory  
Generation Event Driven  
< 100 msec

### Low-Level Controller

Intel Core2Duo 2.16 GHz

Bounding Controller 3 KHz

