Team RoMeLa Robot Specification

Robot Picture:

Robot Name: THOR-RD (Tactical Hazardous Operations Robot-Rapid Deployment)

Height of the robot: 1.47 m

Weight of the robot: 49 kg

Walking speed in cm/s: 0.25 m/s

Number of degrees of freedom and type of motors on each kinematic chain of the robot:
31 Degrees of Freedom
H42-20-S300-R: Head, Arms
H54-100-S500-R: Arms, Legs
H54-200-S500-R: Arms, Legs

Type of sensors used (incl. type of camera(s)):
IMU: MicroStrain 3DM-GX4-45
Vision: Logitech C920 HD Camera
Force/Torque Sensor at Ankle: ATI Mini58

Computing unit(s):
Gigabyte Brix Ultra Compact PC Intel i7-4500U

Other specs:
None