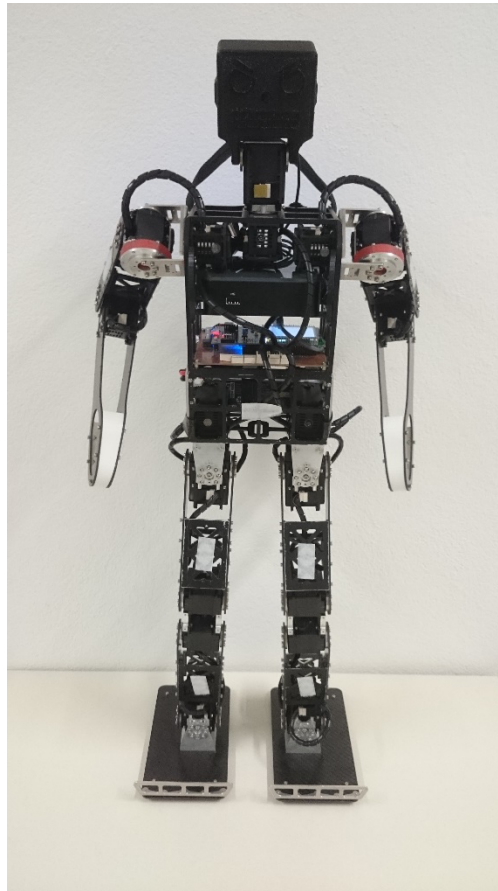


Robot Specification KidSize 2022

WF Wolves



- **Name:** Hans, Detlef & Gambi + 2
- **Height:** 86 cm
- **Weight:** 6.4 kg
- **Walking speed:** 32 cm/s
- **Number of degrees of freedom:** 20
 - o 6 per leg (x2), Dynamixel MX-106
 - o 3 per arm (x2) , Dynamixel MX-64
 - o 2 in the head, Dynamixel MX-64
- **Motors:** Dynamixel MX64 (x8) and MX106 (x12)
- **Sensors:**
 - o GX-85 IMU: 3-axis accelerometer, 3-axis gyroscope, (3-axis magnetometer)
 - o Magnetometer is **not** being used, but it's installed on the IMU board
 - o Camera: Logitech C920 HD Pro Webcam
- **Computing units:**
 - o Main processor: Intel i7-7567U
 - o NVIDIA Jetson Tx2