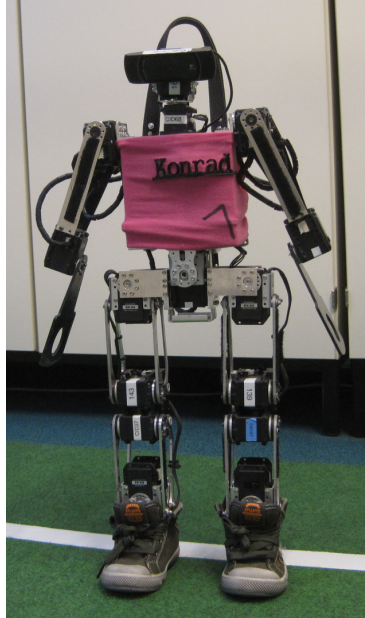


Berlin United - FUmanoids Robot Specification Sheet 2013



Name	Konrad, Grace, Alan and Ada
Height	60cm
Weight	4300g
DoF	20 total (5 per leg, 2 in the hip, 3 per arm, 2 in the head)
Type of motors	10 Dynamixel RX-64 10 Dynamixel RX-28
Computing unit(s)	Central unit is an ODROID-X2 board with <ul style="list-style-type: none">• Exynos4412 Prime Quadcore ARM Cortex-A9 at 1.7 GHz• 2 GB RAM• 8 GB eMMC• 93 x 95mm Sensor and actuator communication unit with <ul style="list-style-type: none">• two ARM Cortex M4 @ 168 MHz• 196 KiB RAM• 1 MiB flash• 60 x 40mm
Camera	Logitech HD Pro Webcam C910 at 640x480
Additional Sensors	9 DOF IMU Servo motor position feedback