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
- 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
- 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