

NimbRo AdultSize Robot Data Sheet

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<http://www.nimbro.net>

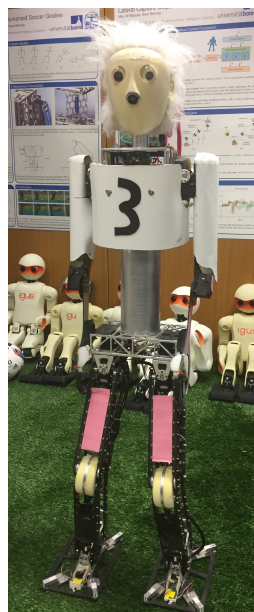


Fig. 1. The NimbRo robot Copedo.

- **Robot name:** Copedo
- **Degrees of freedom:** 17 DOF (5 per leg, 3 per arm, 1 in the neck)
- **Type of motors:** Robotis Dynamixel EX-106+ and RX-64
- **Processor:** Sony VAIO UX1XN ultra mobile PC, Intel 1.3 GHz Core Solo
- **Walking speed:** Omnidirectional walking, up to 40cm/s
- **Cameras:** WVGA USB2.0 camera IDS uEye UI-1226LE with wide-angle lens
- **Sensors:** dual-axis accelerometer (ADXL203, $\pm 1.5g$) and two gyroscopes (ADXRS, $\pm 300^\circ/s$). Force sensors in feet
- **Other specs:** Height 131 cm, weight 10.1 kg