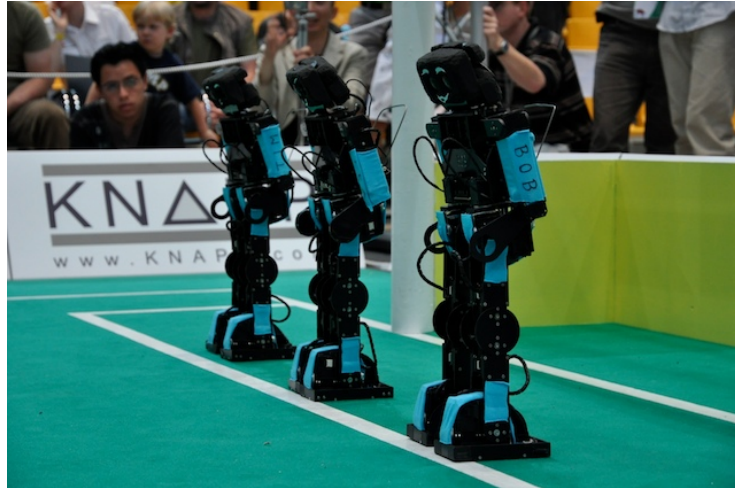


FUmanoid Specification Sheet 2010

Robot picture



Robot name

Lea, Bob, Tim, Eve

Height of the robot

ca 60cm

Weight of the robot

4320g

Walking speed

40cm/s

Number of degrees of freedom

21 servos

Type of motors

14 Dynamixel RX-64 servos
7 Dynamixel RX-28

Computing unit(s)

Overo Earth COM
TI OMAP3503 applications processor featuring the ARM® Cortex™-A8
256 MB low-power DDR RAM
256MB NAND flash
microSD slot
17 mm x 58 mm
6 grams

Camera(s)

KS1044CU from NET GmbH

Any sensors used

Pressure sensors, 4 under every feet
5 DOF IMU