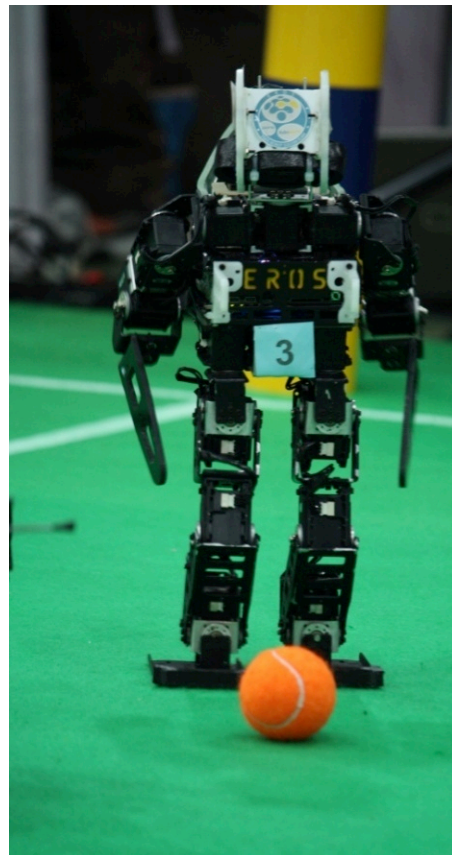
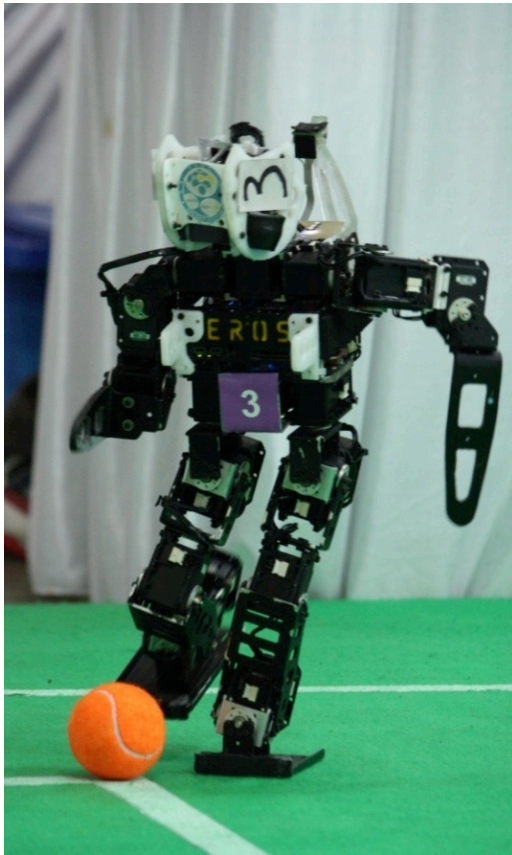


# EROS TEAM

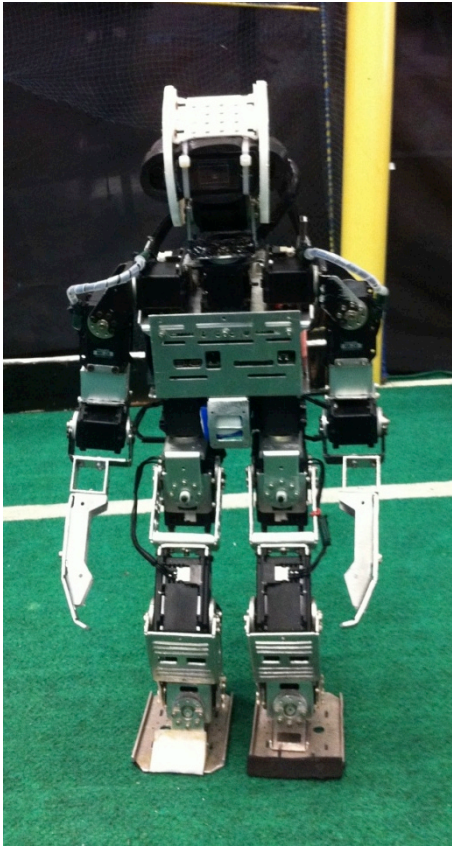
## Robot Specifications

### EROS 2 Platform



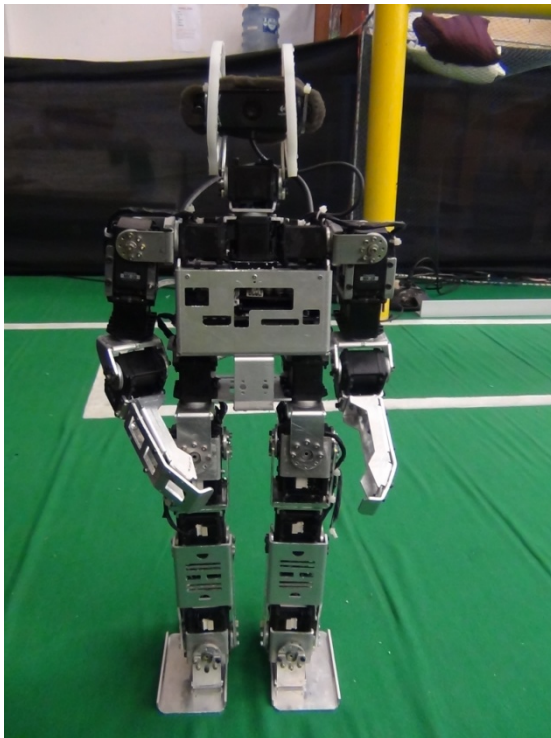
CPU	Main Controller	Fit PC2 Intel Atom Z530 CPU @ 2 GHz
	Sub Controller	ARM CortexSTM32F407VC@128MHz
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 3 Dynamixel MX-28
	Leg	2 x 6 Dynamixel MX-28
Sensor	Gyroscope	ITG-3205
	Accelerometer	ADXL345
	Camera	Logitech 15MP HD Pro Webcam C920
Power	Battery LiPo 3 Cell 1800 mAh	
Dimension	Height	455 mm
	Foot	64 mm x 103 mm
	Leg	250 mm
	Arm	215 mm
	Weight	2850 grams
DOF	Head	2 DOF
	Arm	2 x 3 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	28 cm/second

# EROS 3 Platform



CPU	Main Controller	Fit PC2 Intel Atom Z530 CPU @ 2 GHz
	Sub Controller	ARM CortexSTM32F407VC@128MHz
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 3 Dynamixel MX-28
	Leg	2 x 6 Dynamixel MX-64
Sensor	Magneto sensor	CMPS-10
	Gyroscope	ITG-3205
	Accelerometer	ADXL345
	Camera	Logitech 15MP HD Pro Webcam C920
Power	Battery LiPo 3 Cell 3200 mAh	
Dimension	Height	535 mm
	Foot	70 mm x 120 mm
	Leg	300 mm
	Arm	240 mm
	Weight	3850 grams
DOF	Head	2 DOF
	Arm	2 x 3 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	36 cm/second

## EROS 3 Rev.1



CPU	Main Controller	Fit PC2 Intel Atom Z530 CPU @ 2 GHz
	Sub Controller	ARM CortexSTM32F407VG@168MHz
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 4 Dynamixel MX-28
	Leg	2 x 5 Dynamixel MX-64 2 x 1 Dynamixel MX-28
Sensor	FSR	4 sensor per foot (Darwin OP-set)
	Magnetic sensor	CMPS-10
	Gyroscope	ITG-3205
	Accelerometer	ADXL345
	Camera	Logitech 15MP HD Pro Webcam C920
Power	Battery LiPo 3 Cell 4200 mAh	
Dimension	Height	548 mm
	Foot	64 mm x 102 mm
	Leg	287 mm
	Arm	224 mm
	Weight	4250 grams
DOF	Head	2 DOF
	Arm	2 x 4 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	37 cm/second