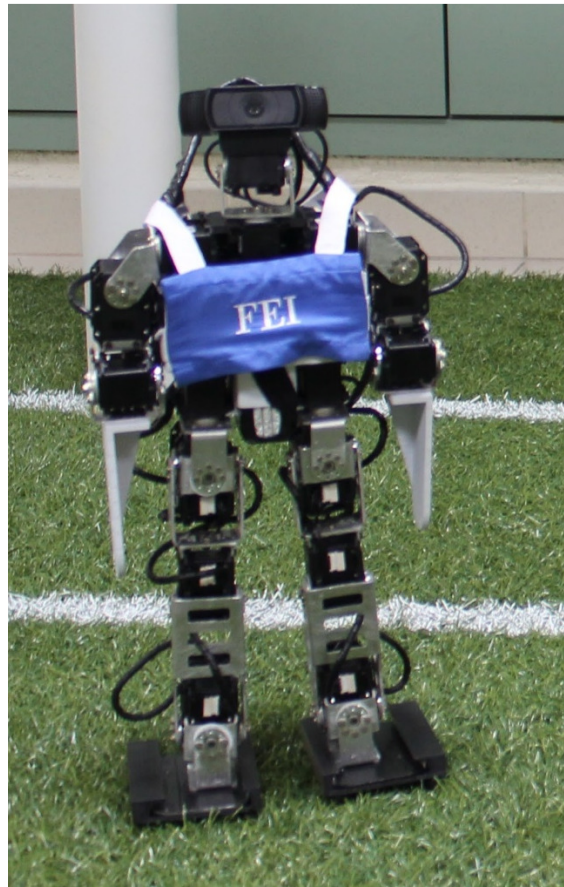
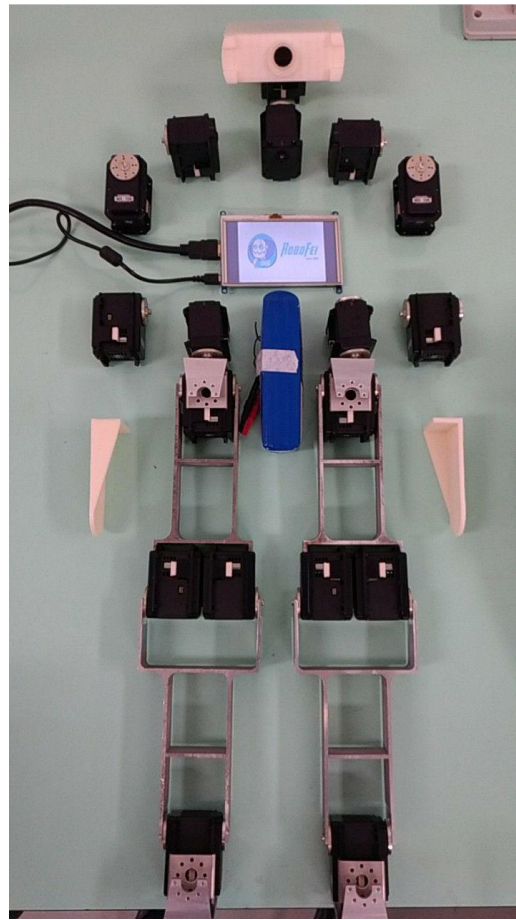


# RoboFEI-HT - 2018 Robot Specification



<b>Robot Name</b>	B1, B2, B3 and B4
<b>Height</b>	490 mm
<b>Weight</b>	3.0 Kg
<b>Walking Speed</b>	10 cm/s
<b>Degrees of Freedom</b>	20 in total: 6 DOF per leg, 3 DOF per arm , 2 DOF on the head,
<b>Type of motors</b>	Dynamixel RX-28
<b>Sensors</b>	UM7 Ultra-Miniature Orientation Sensor
<b>Camera</b>	Logitech HD Pro Webcam C920 (Full HD – 1920x1080)
<b>Computing Unit</b>	Intel NUC
	Intel NUC i5-4250U, 8GB DDR3 SDRAM, 120GB SDD
	WLAN – 802.11b/g/n
<b>Operating System</b>	Linux Ubuntu 14.04
<b>Battery</b>	Lipo 2000mAh



<b>Robot Name</b>	C
<b>Height</b>	850 mm
<b>Weight</b>	7.0 Kg
<b>Walking Speed</b>	To be measured
<b>Degrees of Freedom</b>	20 in total: 6 DOF per leg, 3 DOF per arm , 2 DOF on the head,
<b>Type of motors</b>	Dynamixel MX-106, MX-64 and XM-430
<b>Sensors</b>	UM7 Ultra-Miniature Orientation Sensor
<b>Camera</b>	Logitech HD Pro Webcam C920 (Full HD – 1920x1080)
<b>Computing Unit</b>	Intel NUC
	Intel NUC i5-4250U, 8GB DDR3 SDRAM, 120GB SSD
	WLAN – 802.11b/g/n
<b>Operating System</b>	Linux Ubuntu 14.04
<b>Battery</b>	Lipo 2000mAh