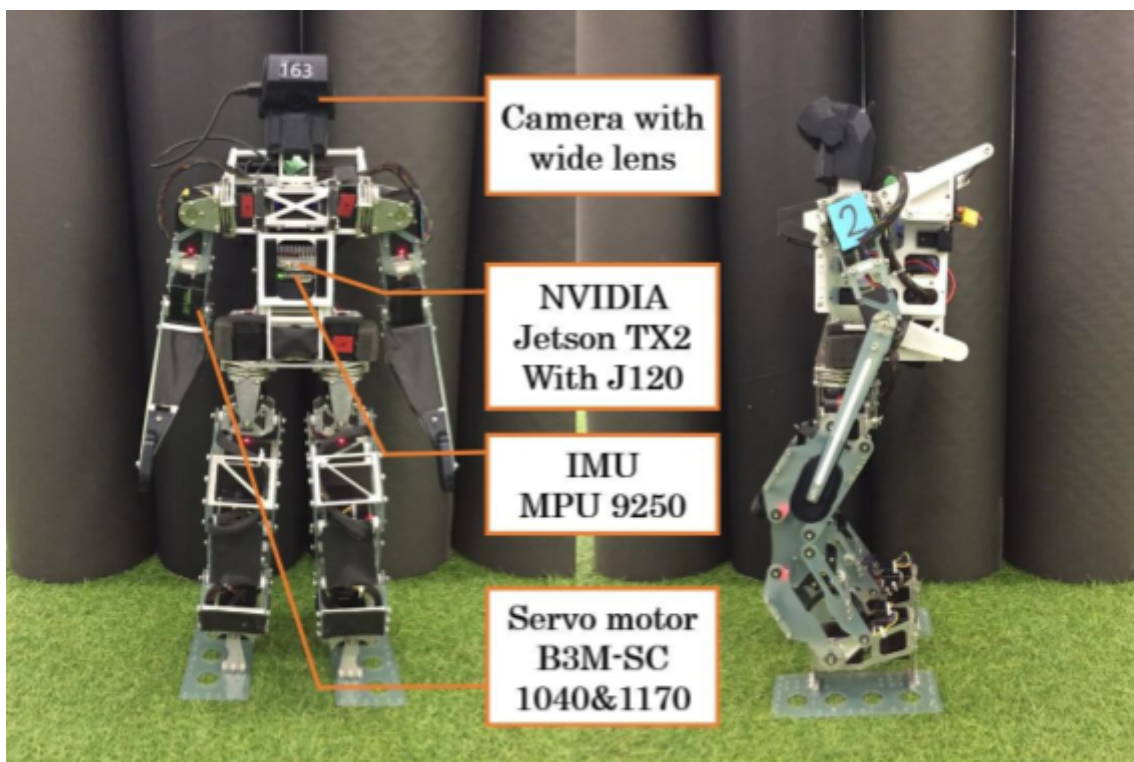
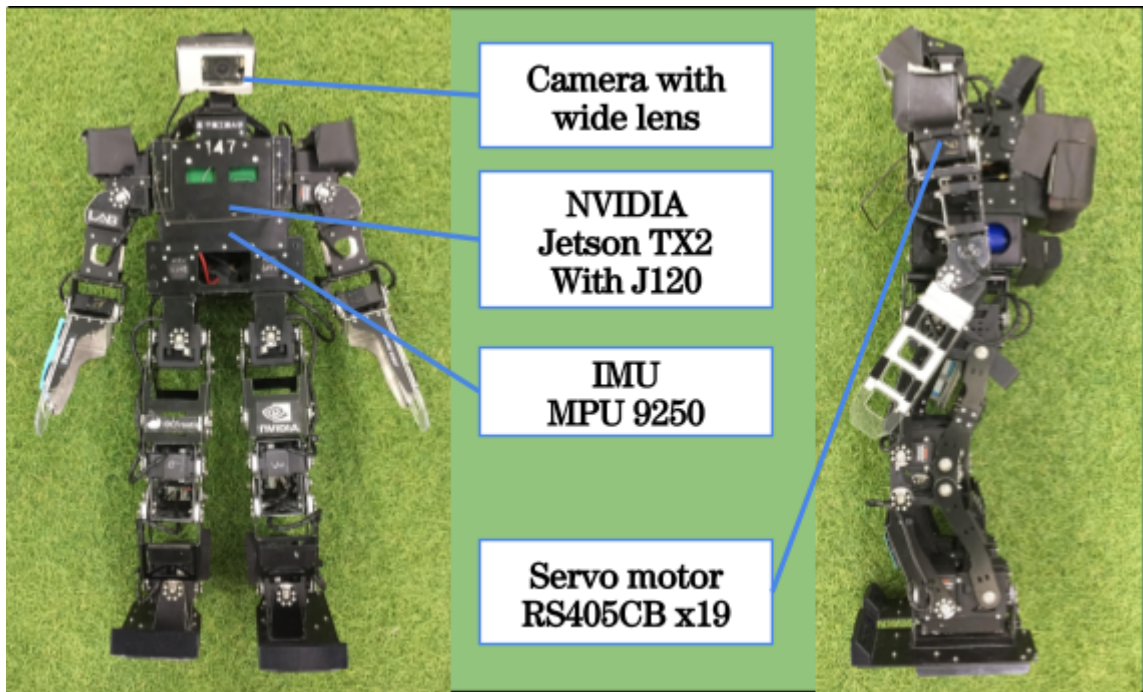


CIT Brains (Kid Size League)

Satoshi Shimada, Yasuo Hayashibara, Hideaki Minakata, Kiyoshi Irie,
Ryu Yamamoto, Masayuki Ando, Joshua Supratman, Shota Hiram,
Riki Hayashi, Ryohei Goto, Ryoma Aoki, Takaharu Nakajima,
Shuto Takano, Naoki Takahashi, Yuta Hatakeyama, Kenta Kawamata,
Kanta Takasu, Ayana Enosawa, Taisuke Otsuki, Koki Matsumoto,
Morito Ito, Takumi Ogasawara, Nguyen Anh Quan, Youta Seki,
Chisato Kasebayashi, Kensuke Saito, Shigechika Miki, Yoshitaka Nishizaki,
Kenji Kanemasu, Hajime Sakamoto, Shuichi Yamaguchi



Structure of the GankenKun-OP



Camera with wide lens

NVIDIA Jetson TX2 With J120

IMU MPU 9250

Servo motor RS405CB x19

Structure of the Accelite

Specification of the Robots

Name	GankenKun-OP	Accelite
Weight	4.4kg (Including Battery)	4.2kg (Including Battery)
Height	620 mm	600 mm
Velocity (Forward)	0.4 m/s (maximum)	0.4 m/s (maximum)
Walking Directions	All Direction and Rotation (Select the Angle, Stride, Period and so on)	All Direction and Rotation (Select the Angle, Stride, Period and so on)
CPU Board	NVIDIA Jetson TX2	NVIDIA Jetson TX2
Carrier Board	Auvideo J120	Auvideo J120
OS	Linux (Ubuntu 16.04)	Linux (Ubuntu 16.04)
Interface	Ethernet x 1, USB x 1, Speaker, DIP switch x 4, Push switch x 1	Ethernet x 1, USB x 1, Speaker, DIP switch x4, Push switch x 1
Servo Motor	Kondo B3M-SC-1040-A x 9 B3M-SC-1170-A x 10	Futaba RS405CB x 19
Battery	LiPo 3S (11.1V, 2400mAh)	LiPo 3S (11.1V, 5000mAh)