

CIT Brains

Robot Specification for RoboCup2022

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Robot Name	SUSTAINA-OP
Height	646.61 mm
Weight	5.18 kg
Walking speed	0.4 m/s
Degrees of freedom	19 DoF
Actuators	B3M-SC-1170-A (KONDO) x 10 pcs B3M-SC-1040-A (KONDO) x 9 pcs
Sensors	MPU-9250* (TDK InvenSense)
	* The included Magnetometer is not used
e-CAM50_CUNX	(e-con Systems)
Computing unit	Jetson Xavier NX 16GB (NVIDIA) EN715 (AVerMedia)
Battery	HP-G830C2800S3 LiPo 3S 2800mAh (Hyperion)

Open platform for SUSTAINA-OP: <https://github.com/citbrains/SUSTAINA-OP>
Team website: <http://www.cit-brains.net>