

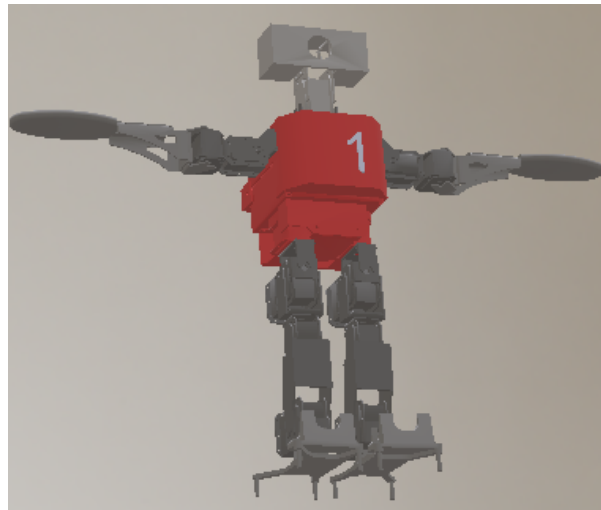
ITAndroids Humanoid

Robots Specifications for Virtual Season 2022/2023

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1 Chape (4x)



Robot name	Chape
Height of the robot	530 mm (with football boots)
Weight of the robot	3.1 kg
Walking speed in cm/s (over grass)	30
Number of DoF	20 (2 neck + 3 per arm + 6 per leg)
Main computer	Intel NUC Core i5 @ 2.6 GHz dual core
Subcontroller	CMB v3 (designed by ITAndroids)
Camera	Logitech C920
IMU	MinIMU-9 (3-axis acc. + 3-axis gyro)
Servomotors	20 x Dynamixel MX-28AT
Battery	1300 mAh 4 cell LiPo (14.8–16.8 V)

Obs.: The parameters in the PROTO were derived exactly from the *Robot Model Specifications v2.0*.