

# RoboCup 2026 Hardware Specification

whIRLwind

January 2026

We will be using unmodified Booster K1 Pro robots <sup>1 2</sup>.



Figure 1: Booster K1, source: <sup>3</sup>

Robot name	Booster K1
Robot height	95 cm
Robot weight	19.5 kg
Degree of Freedom per Leg	6
Degree of Freedom per Arm	4
Degree of Freedom head	2
Actuator type	Dual Encoder
Sensors	Stereo Depth camera, 9-axis IMU, 6-Mic array
Computing unit	Jetson Oring NX
Battery	5Ah

Table 1: Hardware specifications.

<sup>1</sup><https://www.booster.tech/booster-k1>

<sup>2</sup><https://booster.feishu.cn/wiki/E3q5wF5SnitXZgkY18Uc8odBnXb>

<sup>3</sup><https://www.booster.tech/booster-k1>