

PUDU D9

The First Full-sized Bipedal Humanoid Robot by Pudu Robotics



Human-like Bipedal Design



Visual Semantic Navigation Solution ^[1]



High Payload Bionic Arm



Scalable End-to-end Capability ^[2]



Multi-modal High-precision Perception

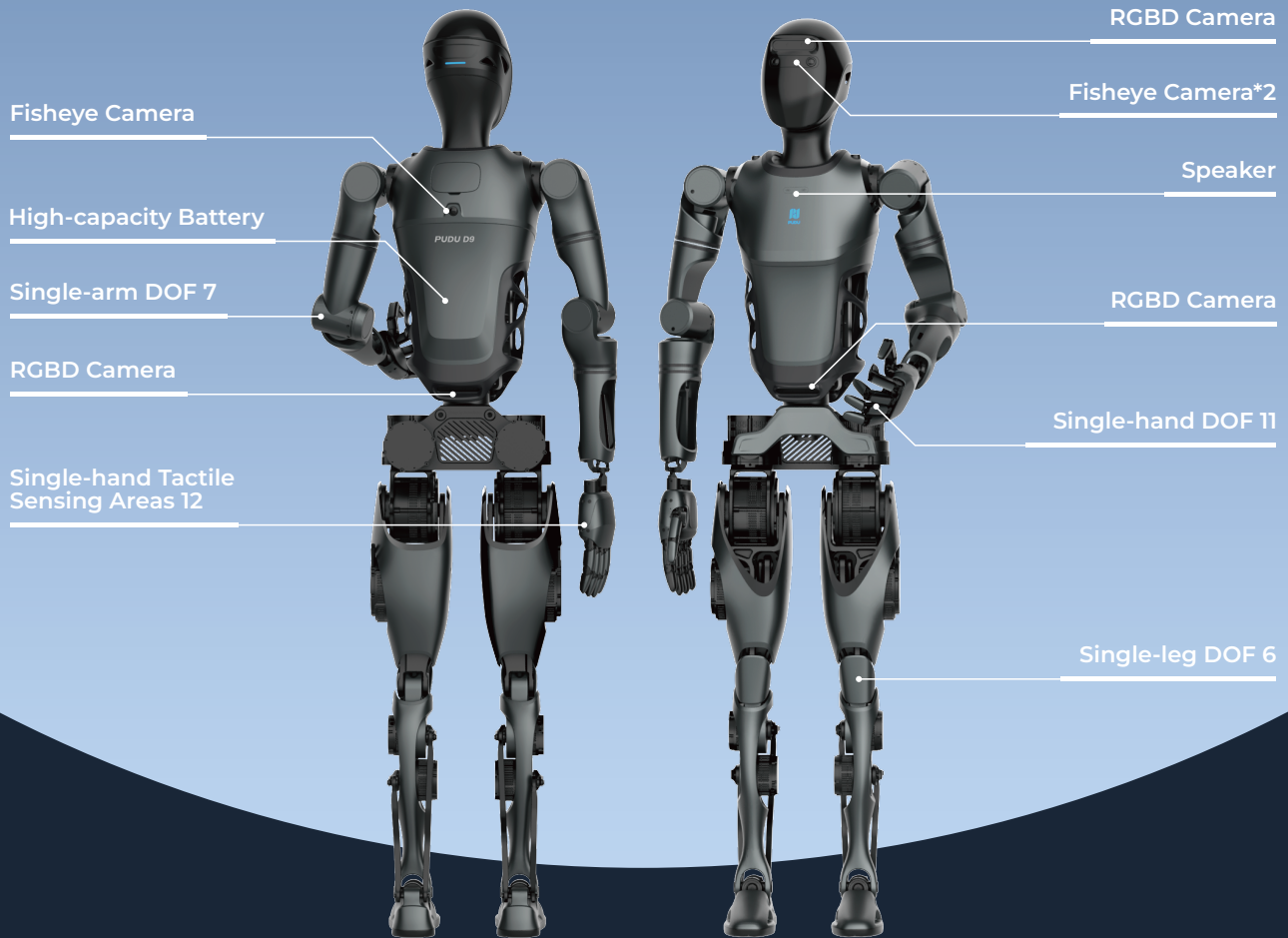


Natural Human-robot Interaction ^[3]



^[1] The current sales version does not include navigation capabilities.

^{[2][3]} The product is continuously iterated, and the specific functions are subject to the product description of the latest version.



Note:

1. Some sample functions in product promotional materials are not yet available to customers, and the latest version of the product description shall prevail.
2. The product is continuously iteratively optimized, and the shipped version may be slightly different from the promotional content. Please communicate with the sales personnel to confirm before purchasing, and the actual receipt of the goods shall prevail.

PUDU D9

◦ Height	170 cm
◦ Weight	65 kg
◦ Leg Length	Thigh 325 mm / Calf 383 mm
◦ Arm Length	Arm 580 mm / Hand 220 mm
◦ Degrees of Freedom	Total DOF 42 / Single-leg DOF 6 / Single-arm DOF 7
◦ Dexterous Hand (PUDU DH11)	12 tactile sensing regions / Active DOF 6 / Passive DOF 5
◦ Maximum Joint Torque	352 N·m
◦ Maximum Payload	20 kg / Single-arm 10 kg (Experimental Testing Environment)
◦ Sensors	RGB, RGBD, Tactile sensors, IMU
◦ Computing Power	275 TOPS
◦ Battery	15 Ah (0.72 kWh)
◦ Speaker	Stereo

PUDU DH11

(11-DOF 5-fingered Dexterous Hand)

◦ Degree of Freedom	11 DOF (6 Motor)
◦ Weight	500 g
◦ Tactile Sensing Areas	12
◦ Tactile Sensor Pixels	1018
◦ Maximum palm finger grip	30 N
◦ Maximum lifting load	40 Kg
◦ Plam finger bend speed	150 %/s
◦ Thumb bend speed	191 %/s



[Pudu Robotics](#)

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