

AgiBot X2

All-Intelligence Lively Robot



AgiBot X2 is a fully intelligent lively robot integrating locomotion intelligence, interaction intelligence, and manipulation intelligence, embodying lifelike agility and approachable experience. Its lively, playful design combines multimodal interaction and end-to-end models to deliver intuitive interactive experiences. Featuring modular architecture and advanced joint hardware, it enables expandable human-like motion capabilities for robust locomotion intelligence. Integrated with the GO-1 embodied foundation model under the ViLLA framework, X2 achieves generalized multi-task execution in open-world environments.

Product Features



Interaction Intelligence: Smart & Fun, Safe & Secure

- Flexible-material casing and compact lightweight design for safety
- Multimodal interaction with integrated motion modes for lifelike engagement
- End-to-end model architecture and edge computing brain, enabling millisecond response



Locomotion Intelligence: Versatile & Free to Explore

- Open SDK and modular architecture, supporting interchangeable end-effectors/sensors
- Ultra-wide joint motion range and high torque density for humanoid skills: jumping, running, self-righting, cycling



Manipulation Intelligence: Embodied Assistant, Omni-Intelligent

- GO-1 model (ViLLA framework) enabling zero-shot generalization of open-world commands
- Autonomous operation: remote wake-up, autonomous mobility, auto-charging
- Telepresence mode and closed-loop workflows for eldercare, service industries, home companionship

Specifications

Height

130cm

Weight

35kg

Battery

500wh

Max End Load

3kg

Runtime

≥2h

(swappable batteries & auto charging)

DOF

31

(excluding dexterous hands)

Application Scenarios

- Scientific research & education
- Entertainment companionship
- Elderly care
- Marketing demonstrations



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