AgiBot X2

All-Intelligence Lively Robot

AgiBot X2 is a fully intelligent llively 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.

☺ **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	Weight	Battery
130cm	**35kg**	**500wh**

Max End Load	Runtime	DOF
3kg	**≥2h** (swappable batteries & auto charging)	**31** (excluding dexterous hands)

Application Scenarios

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

Generation ROBOTS

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