

绝世高手

AGIBOT A3

Silicon-based star born for the stage



Introduction

AGIBOT A3 is a new-generation full-size humanoid robot launched by AGIBOT in 2026, positioned as a "silicon-based star born for the stage". Weighing only 55kg yet delivering 12kW of instantaneous power, it achieves an industry-leading power-to-weight ratio of 0.218 kW/kg, enabling high-difficulty maneuvers such as aerial walking. It features a model-grade physique with fully customizable appearance and roles. Its dual-battery design delivers 10-hour extended endurance, with fast battery swapping without shutdown. Additionally, every A3 comes standard with swarm control technology, enabling seamless coordination of hundreds of units. Combined with multimodal perception and other intelligent capabilities, it stands out as a top performer in entertainment and commercial performance sector.

Highlight

01 Exceptional Performance, Extreme Lightweight

- 150 A maximum current, 12 kW power, and a 0.218 kW/kg power-to-weight ratio, comparable to million-dollar supercars. It can perform not only somersaults but also aerial walking.
- Constructed with magnesium alloy, titanium alloy, and TPU flexible materials, creating an ultra-lightweight 55 kg body.
- Natively compatible with LinkCraft, enabling everyone to freely create motions; with a rich content ecosystem for easy uploading and downloading

02 Extended Endurance, Instant Battery Swap

- Innovative dual-battery and full-tab cell technology, with industry-leading power management, delivering up to 10 hours of endurance.
- Redundant dual-battery design for more stable and safer power supply.
- Supports fast hot-swappable battery replacement for 24-hour continuous operation; 10-second battery swap makes range anxiety a thing of the past.

03 Striking Design, Fully Customizable

- 173 cm golden ratio, model-grade head-to-body proportions, powerful on the inside with a refined, elegant exterior.
- Slender limbs and graceful posture; highly versatile styling that suits any outfit, truly a "walking wardrobe".
- Supports customization from color film application to full housing customization, and also enables character design via LinkSoul to meet diverse customer customization needs.

04 Superior Swarm Control, Hundreds in Sync

- Standard UWB centimeter-level fusion positioning solution enables coordinated swarm operation of hundreds of units out of the box, with no modifications required.

05 Enhanced Interaction, Seamless Communication

- Industry-first shoulder touch sensing redefines interaction in the embodied era; combined with voice and multimodal interaction for barrier-free communication and strong user affinity.
- 360° omnidirectional audio pickup with multi-array microphones ensures clear recognition even in high-noise environments.
- Standard 5G global connectivity: eSIM + SIM card (card slot SIM), with domestic LGA module and overseas M.2 modules, ensuring connectivity without limits.

06 Reliable Platform, Easy Deployment

- Full-size humanoid robot that is portable by a single person; foldable packaging, autonomous case loading and unloading, and can be easily transported in an SUV.
- Inherits the excellent DNA of AGIBOT A2, having passed 92 automotive-grade rigorous tests before delivery, with a designed lifespan of up to 3 years.
- Fully open interfaces support secondary development and are compatible with entertainment, commercial performances, scientific research, and education scenarios—one base, enabling endless possibilities.

Application scenarios



Commercial Performances

Top-tier dancers/martial artists, brand ambassadors, and dynamic art installations



Interactive Entertainment

Self-posing cosplayers, tech influencers in live streams, and themed park tour guides



Research and Education

Cutting-edge research in embodied AI

Fleet Control

Supports precise coordination of 100+ units

Network

Dual-module 5G with dual-SIM support

Packaging

Autonomous case loading and unloading; deployable by a single operator

Height

173CM

Weight

55KG

Maximum Endurance

10h

Power-to-Weight Ratio

0.218 kW/kg (industry-leading, delivering exceptional burst performance)

Battery

Dual battery packs · 1152 Wh · Full-tab cells

Positioning

Standard UWB, single-unit accuracy < ±10 cm



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