“To become a global leader in intelligent robots and create a general-purpose robot ecosystem”

Please visit our website to learn more

agibot.com

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Manufacturing Factory
Lingang Intelligent Manufacturing Park, Fengxian District, Shanghai

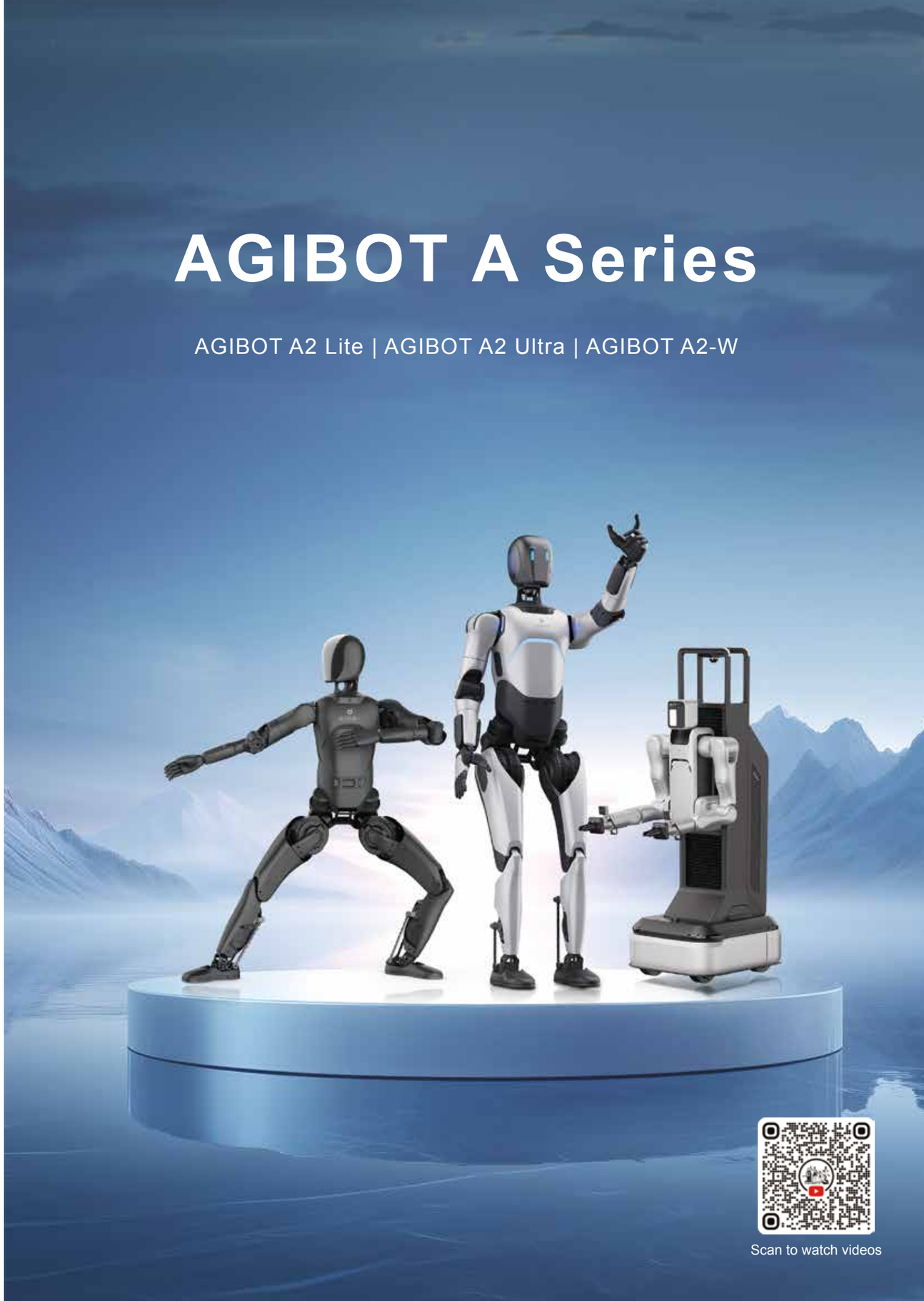
Product Brochure

AgiBot Innovation（Shanghai）Technology Co., Ltd

Create Unlimited Productivity via Intelligent Machines

AGIBOT A Series

AGIBOT A2 Lite | AGIBOT A2 Ultra | AGIBOT A2-W



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AGIBOT A2 Ultra

AGIBOT A2 Ultra is the industry's first full-sized humanoid robot deployed commercially at scale. With 4 major international certifications (CR, CE-MD, CE-RED, FCC), it has been applied in over 20 leading enterprises .

Specifications

Height **169 cm**	Weight **69 kg**	Perception sensors **LiDAR + fisheye camera+ RGBD camera + RGB camera**	Total DOF **40**	Arm DOF **7**	Leg DOF **6**
Hand DOF **6**	Walking speed **0.8m/s**	Battery life **3h**	Intelligent interaction **Yes**	High-performance computing module **NVIDIA Jetson Orin**	Built-in skill package **Yes**

Highlights

Professional guide & receptionist

Proactive greeting | VIP service | Guided tours | Interactive Q&A

- Facial recognition, personalized greetings for VIP guests, proactive offering of refreshments, and gift presentation
- 10+ facial expressions and 100+ explanatory gestures for human-like presentations
- Free-form Q&A on massive enterprise knowledge bases and multilingual large model interactions
- Autonomous navigation and obstacle avoidance, with 24/7 operational availability

Entertainment and commercial performance

Dancer | Calligraphy master | Cultural heritage | Band performance

- Dozens of performance types including: Tai Chi, drumming, clapper talk, Peking Opera, dragon dancing, electric guitar, DJ sets, etc.
- Full-body dancing and synchronized multi-robot group performance

Brand ambassador

Appearance customization | Character design | Motion programming | Voice cloning

- Brand commercials, promotional events, brand co-Creation on social media, and licensed merchandise development

Application Scenarios

Guided tours and guest reception

Entertainment and commercial performance

Brand ambassador

AGIBOT A2 Lite

AGIBOT A2 Lite is a full-size, cost-effective humanoid robot for the entertainment and commercial performance sector. Featuring multi-robot fleet control and unrestricted choreography capabilities, it is leading a new fashion trend in performance art.

Specifications

Height **169 cm**	Weight **63 kg**	Total DOF **23**	Head DoF **1**	Arm DOF **5**	Leg DOF **6**
Walking speed **0.8m/s**	Battery life **4.5h**	Basic computing module **16-core high-performance CPU**	Built-in skill package **Yes**	Dance choreography **Yes**	Fleet Control Mode **Yes**

Highlights

Diverse skill set

- Dozens of performance types, including Tai Chi, drumming, and clapper talk; and full-body coordinated dancing

Easy fleet control

- Free setup of expressions, motions, voice tone, walking speed, duration, and positioning
- Action sequence choreography through simple drag-and-drop modules

Secondary creation

- Secondary creation of dance skills, allowing you to customize unique skills

Application Scenarios

Entertainment and commercial performance

AGIBOT A2-W

AGIBOT A2-W is a wheeled general-purpose robot designed to depalletize/palletize, handle, and load/unload totes in flexible manufacturing scenarios. It features proprietary embodied intelligence algorithms, with open APIs and SDK for easy customization and secondary development.

Specifications

Robot dimensions **760*615*1600 mm**	Total weight **230 kg**	Intelligent perception **360° LiDAR + visual-force perception**	Chassis type **4WD, omnidirectional**	
Top speed **1 m/s**	Total DOF **22**	Single-arm DoF **7**	Max dual-arm payload **15 kg**	Working height **0–2m**
Waist pitch angle **1–135°**	Head pitch angle **±63°**	Battery life **5h, hot-swappable**	Charging time **2h**	Operating temperature **0–45°C**

Highlights

Dual-arm collaboration for full workspace reach

- Bio-inspired 7-DOF dual arms to support both parallel and asynchronous operation and easily handle multi-sized turnover boxes in specific poses
- Four-wheel drive with a zero-turn radius and crab walk capability, adjustable waist height and pitch, and 22 DoF for full flexibility to work as a person

Efficient deployment and adaptive operation

- Integrated design of base, arms, and perception system
- 275 TOPS of computing power for millisecond-level real-time object recognition, pose estimation, and operational decision-making, enabling dynamic adaptation to flexible operating environments

Persistent operation and minimal maintenance

- Hot-swappable battery technology for 24-hour continuous operation
- Built-in self-diagnostic and recovery mechanisms to reduce unplanned downtime

Multi-modal perception for worry-free safety

- 360° LiDAR with multi-sensor fusion for real-time obstacle avoidance during operation
- Arm collision detection system combined with motion prediction algorithms to avoid collisions with people or surroundings

Model evolution for continuous advancement

- Modular design of atomic capabilities for OTA iterative upgrades and an ever-expanding task skill library that grows richer with use.
- Standard interfaces for secondary development

Application Scenarios

- Tote depalletizing and palletizing
- Tote loading and unloading
- Inter-workstation material transfer
- Flexible assembly and feeding

AGIBOT G Series

AGIBOT G1 | AGIBOT G2

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AGIBOT G1

AGIBOT G1 is built on a new-generation embodied AI architecture that natively integrates data acquisition with model inference. Equipped with a rich array of sensors and compatible with VR/motion capture teleoperation, it combines with the Genie Studio platform to offer a seamless hardware-software solution for intelligent task development. AGIBOT G1 is ideal for industrial, commercial, and domestic scenarios, delivering multi-layer safety protection and stable, reliable performance.

Specifications

Height	Weight	Single arm span	Computing platform	Battery life	DOF
130-180 cm	**150 kg**	**70 cm**	**275 TOPS**	**4h+**	**20+**

Highlights

Multidimensional perception

- 6-axis force sensors on both arms with multi-channel HD cameras
- Front/rear RGB-D cameras combined with LiDAR for precision obstacle avoidance

Native data acquisition and model inference

- VR/motion capture teleoperation with millisecond latency and full-body joint data logging
- Cloud-edge collaborative data acquisition with automated validation and human review for rigorous data governance

Multi-scenario operation

- Suitable for industrial, commercial, and domestic scenarios
- 2m operating height and continuous 3 kg single-arm payload.
- 26 full-body DOFs with horizontal/vertical head rotation and waist pitch-lift mobility
- Omnidirectional mobile base to fit through 95% of factory aisles

Reliable operation and mass production delivery

- Industrial-grade components tested under extreme environments
- Wired connection for stable data transmission
- Mass production at scale (1,000+ units)

Application Scenarios

Data acquisition and training

Robotics industrial bases, research institutions, and end-user businesses

Logistics sorting and distribution

E-commerce/courier logistics sorting
Apparel (forward sorting, reverse logistics)

Research education

Tech giants, research institutes, and university research teams

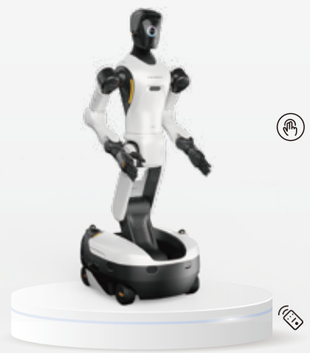
AGIBOT G2

AGIBOT G2 is a general-purpose humanoid robot built to industrial-grade standards. It boasts exceptional motion, perception, and interaction capabilities, making it suitable for scenarios including industry, commerce, households, and scientific research. Equipped with high-performance joint actuators, multiple types of sensors, and a high-performance domain controller, G2 enables full-scenario omnidirectional obstacle avoidance, high-precision force-controlled operations, and real-time intelligent interaction with multiple people. When paired with a data collection & teleoperation kit and a charging pile, it can realize extended functions such as data collection, beyond-visual-range teleoperation, and autonomous recharging. Additionally, AGIBOT G2 provides a rich set of SDK secondary development interfaces, supporting function expansion and customized development.

Specifications

Height	Weight	Single arm span	Edge Computing Platform	Battery life	Degrees of Freedom (excluding end effector)
122.5-179.5 cm	**185 kg**	**69.5 cm**	**2070 TFLOPS**	**4h+**	**26**

Highlights



Superb Operational Capabilities

- Powered by high-performance chip, computing power up to 2070 TFLOPS
- High-precision force-controlled dual arms, enabling sub-millimeter precision operations
- Equipped with an RL toolchain, allowing deployment and modal switching with few shots

Multimodal Intelligent Interaction

- Supports continuous voice conversations with multiple people and knowledge base Q&A
- Equipped with a microphone array and 360° surround vision
- Can coordinate external devices with facial expressions and body movements

Highly Flexible Motion Control

- 5-DOF waist-leg structure for easy navigation in narrow spaces
- 26-DOF body, with optional 19-DOF dexterous hands
- Omnidirectional movement and crab-walking capabilities for enhanced mobility

Comprehensive Safety Assurance

- Active obstacle avoidance and collision force dissipation to reduce safety risks
- Data-driven intelligent decision-making to improve operational efficiency
- 360° dead-angle-free perception capability

Ultra-Agile Remote Teleoperation

- Low-latency & beyond-visual-range teleoperation
- One-person multi-machine time-sharing operation

Longer Dual-Battery Endurance

- Hot-swappable dual batteries for uninterrupted operations
- Automatic recharging for quick "full-power recovery"

Application Scenarios

Industrial handling

Logistics sorting

Precision operations

Commercial guidance

Security inspection

Patrol inspection

Education

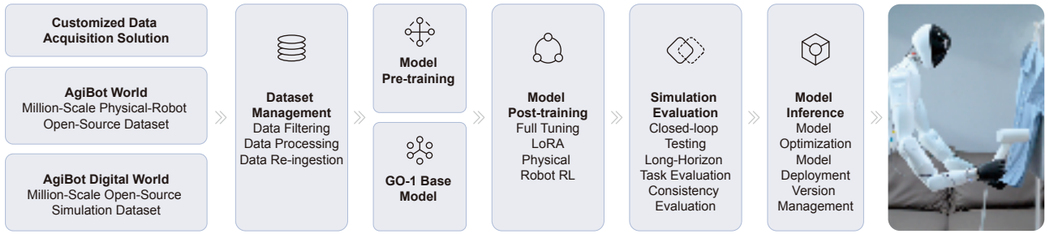
Scientific research

Genie Studio

One-Stop Development Platform for Embodied Intelligence

Designed for robotics industry bases, research institutes, and end enterprises—powered by AgiBot G1. Provides a full-process platform integrating data assets, data processing/annotation, dataset generation, model training, simulation evaluation, and intelligent deployment,
accelerating the commercial adoption of embodied intelligence in industrial, logistics, security, and guided-tour applications.

Genie Studio One-Stop Development Process



Highlights

01 **All-in-one process for higher development efficiency**

Offers an end-to-end solution covering data acquisition, training, evaluation, and deployment with built-in automation for data cleaning, annotation, augmentation, hyperparameter tuning, and model compression, eliminating the need to build toolchains from scratch.

02 **Base models with two-level control for rapid commercialization**

Offers both proprietary and leading open-source robot base models, streamlining the entire workflow from training and fine-tuning to quantization and deployment and lowering the barrier to training.

03 **High-precision physics simulation and reliable evaluation system**

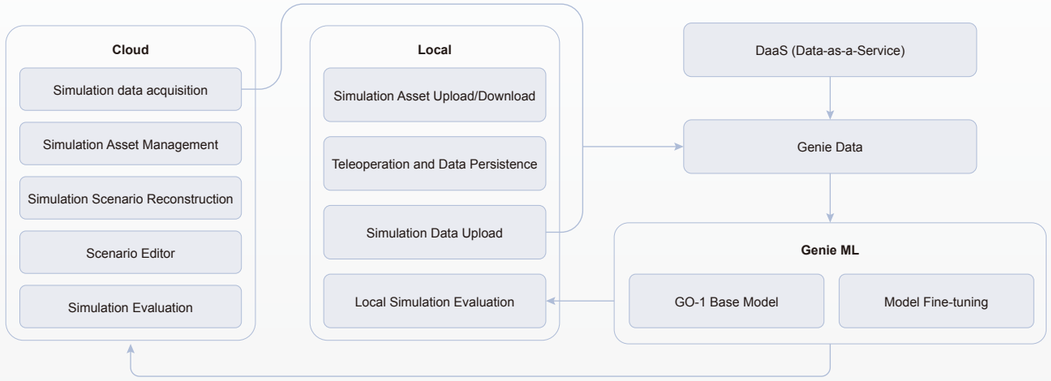
Delivers simulation-based testing with a library of 8,000+ assets and environments, enabling scenario reconstruction, expert trajectory capture, and visualized performance analytics on the user side.

04 **Proprietary training framework and compilation toolchain to reduce training costs**

Offers out-of-the-box training templates (fine-tuning for typical scenarios requires only 48 GPU-days) and enables one-click deployment across heterogeneous hardware for seamless cloud-to-robot migration, delivering 2-3x single-card inference performance.

Genie Sim

Genie Sim offers an end-to-end embodied AI simulation toolchain —from scenario reconstruction and data generation to model training and inference—enabling users to rapidly improve and validate algorithm and model performance through efficient, user-friendly simulation.



01 High-fidelity simulation assets

- Boasts a library of 8,000+ high-fidelity 3D environments and asset models, spanning five core scenario types: home, retail, office, catering, and industrial settings.
- Leverages artistic modeling, 3D reconstruction, and generative AI to create assets, ensuring high realism while balancing diversity and production efficiency.

02 High-precision physics simulation

- Leverages a particle-based system to accurately simulate physical parameters such as sampling granularity, mass, damping, and surface tension
- Enables precise physical simulation of flexible object deformation and fluid movement

03 1:1 scenario and asset reconstruction

- Precisely reproduces robot working environments and interactive assets at a 1:1 scale via data scanning and modeling and supports simulation data generation and model inference evaluation
- Employs 3DGS algorithms on LiDAR point clouds or visual-only images to achieve 1:1 high-precision reconstruction of environments and assets
- Reconstructs a single scenario in just 3 hours and a single asset in 0.5 hours, with results highly faithful to real-world conditions

04 Multi-sensor simulation

- Simulates sensor data including images, 2D segmentation, LiDAR point clouds, and OCC to provide full-dimensional training data and annotations for perception algorithms

05 Automated simulation data generation

- Utilizes intelligent simulation algorithms to automatically perform multi-task data acquisition and annotation; supports full-domain parameter generalization—including lighting, materials, interaction points, and motion trajectories—covering corner cases and adversarial scenarios

06 Zero-Latency teleoperation validation

- Seamlessly integrates real-time simulation with robot control for rapid validation of teleoperation algorithms, robot configuration, and workspace design
- Leverages a single teleoperation session to generate thousands of simulation data instances, drastically reducing data acquisition costs

07 Simulation-based reinforcement learning training

- Supports concurrent training across 20 environments with a single 4090 GPU card, delivering 20x the efficiency of physical robots at 1/200th of the cost

08 Automated evaluation and generalization

- Delivers simulation-to-reality deviation of under 5%
- Operates at twice the speed of physical testing with no hardware investment, slashing overall testing costs

How Genie Sim benefits you

Genie Sim empowers clients overcome physical and safety constraints by enabling scenario reconstruction, data acquisition, and model evaluation in simulation.
The platform offers a vast library of simulated scenarios to pre-adapt models to real-world conditions, minimizing adaptation issues and debugging costs after physical robots are deployed

High-precision scenario reconstruction

Allows for 1:1 reconstruction of client scenarios and interactive assets in simulation environments andsupports cloud-based collaborative editing.

Simulation data acquisition

Features an industrial-grade data acquisition solution to generalize multidimensional parameters (including lighting, physical properties, and spatial positioning) and automatically generate comprehensive datasets covering all operational scenarios.

Automated evaluation system

Leverages a library of 1,000+ standardized test scenariosfor one-click assessment and delivers visualized analytics dashboards with detailed reports for precise model diagnostics.

End-to-end simulation loop

Simulation-based pre-validation cuts real-world debugging costs by over 80%. Models that pass evaluation can be directly deployed on physical robots, shortening project implementation cycles.

AGIBOT X Series

AGIBOT X2 | AGIBOT X2 Ultra

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AGIBOT X2

AGIBOT X2 is a half-size humanoid robot engineered for the entertainment and commercial performance sector. It supports a wide variety of full-body motion transitions and possesses a rich set of motion skills and preset motions, offering exceptional cost effectiveness. It features powerful multimodal capabilities in multimodal, proactive, and customizable interaction. Furthermore, its construction incorporates a flexible material shell and a compact, lightweight structure to ensure safety and reliability.

Specifications

Height	Weight	Intelligent perception	Total DOF	Arm DOF	Max end payload
131 cm	**35 kg**	**Interactive RGB camera**	**25**	**5**	**3 kg**

Max walking speed	Battery capacity	Battery life	Proactive interaction	Computing modules	Preset motion skills
2 m/s	**500 Wh**	**2h**	**Yes**	**RK3588 (motion control) RK3588S (interaction)**	**Yes**

Highlights

Dynamic interaction:Customized interaction | Multimodal interaction | Proactive interaction | Facial expressions | Touch response

- Interaction customization: real-time fully customizable robot persona, wake words, voice tones, and more to meet your task customization needs
- Proactive multimodal interaction: environment recognition, facial recognition of interaction targets, gesture recognition, and body pose recognition, enabling extensible skills such as proactive greetings and handshakes
- Animated expressions: 30+ robot animated facial expressions, showing its status in real time
- Touch response: equipped with touch sensors to affectionately respond to your gentle pat on its head
- Diverse interactive skills: sound source localization, sound-tracking head turn, target following and other capabilities for dynamic and engaging interactions

Versatile motion control:Full-body motion | Self-righting | Over 20 agile upper-body motions | Motion generation | Motion choreography

- Diverse preset motions: 20+ preset human-like and agile motions for task customization
- Effortless task customization: full-body motion transitions such as self-righting and sit-to-stand maneuvers; controllable via remote or mobile app by just one person
- Support LinkCraft: 0 code training for motion control, enabling action imitation, voice imitation and group control

Application Scenarios

Cultural & entertainment tourism ambassador

Intelligent interaction/Full-body dancing

In-store receptionist

Welcome host/greeter

Brand ambassador

Interaction/Appearance customization

AGIBOT X2 Ultra

AGIBOT X2 Ultra possesses powerful capabilities in motion, interaction, and task intelligence. It can serve as an exhibition guide, in-store receptionist, cultural & entertainment tourism ambassador, or research & education advocate, with a variety of optional configurations for you to explore its applications and expand its capabilities.

Specifications

Height	Weight	Intelligent perception	Total DOF	Arm DOF
131 cm	**39 kg**	**Interactive RGB Camera + Binocular RGB Camera + RGBD Camera + LiDAR + Rear RGB Camera**	**30**	**7**

Max end payload	Max walking speed	Battery capacity	Battery life	Proactive interaction	High-performance computing module	Secondary development
3 kg	**2 m/s**	**500 Wh**	**2h**	**Yes**	**NVIDIA Orin NX 16GB**	**Yes**

Highlights

Available options & accessories: End effectors | Beyond-visual-range teleoperation | Charging station

- Optional dexterous hands and grippers to fully meet your task customization needs
- Autonomous routing and navigation back to the charging station (optional)
- Optional VR teleoperation accessories for beyond-visual-range control with zero-delay audio/video sync, enabling remote avatar applications

Autonomous narration: Proactive greeting | Tour guidance | Autonomous Q&A | Convenient toolchain

- Provided with RGBD, interactive RGB, binocular RGB, rear RGB cameras, as well as sensors such as LiDAR; one-time mapping for exhibition hall guidance
- Features navigation with obstacle avoidance capabilities to autonomously re-plan its route once a moving or static obstacle is detected
- Facial recognition and greeting message customization, and ice-breaker conversation initiation with strangers
- Over 30 facial expressions and a wide range of semantically-rich gestures that correspond with its narration
- Open-ended Q&A based on a knowledge base, with continuously updated multilingual narration modes
- Built-in exhibition hall presentation toolchain: allows you to effortlessly generate and edit guiding motions and scripts; supports random addition/deletion of expressions and motions, with easy setup of voice tone, walking speed, duration, positioning, and motion choreography
- Task customization, such as grasping and delivering items like drinks and promotional brochures
- Support LinkCraft: 0 code training for motion control, enabling action imitation, voice imitation and group control

Application Scenarios

Exhibition guide

Tour guidance/narration

In-store receptionist

Intelligent interaction/Proactive greeting/Task customization

Brand ambassador

Interaction/Appearance/Task customization

AGIBOT D Series

D1 Pro | D1 Edu | D1 Ultra | D1 Max | D1 MaxPro

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D1 MaxPro

AGIBOT D1 MaxPro is a quadruped robot with superior payload capacity and exceptional locomotion capabilities. Powered by an embedded reinforcement learning motion algorithm, it possesses true all-terrain adaptability. The robot also features built-in modules for autonomous patrol and environmental perception, enabling it to effortlessly handle industrial inspection and emergency response.

Specifications

Weight	Runtime at rated payload	Rated payload	Continuous stair climbing height	Max no-load speed	Max climbing angle
64 kg	**2.5h**	**50 kg**	**30 cm**	**3 m/s**	**45°**

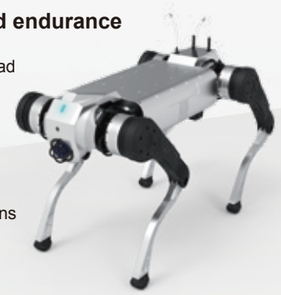
Highlights

Superior payload

- Rated Load 50 kg

Autonomous return-to-charge and extended endurance

- Industry-leading 5.5-hour runtime, 2.5 hours at full payload
- Quick-swap batteries and autonomous return-to-charge



Exceptional mobility

- Reinforcement learning-powered locomotion for all terrains
- Flexible stair climbing capability for 30 cm continuous stairs and open-riser industrial stairs

IP67 rated for reliable performance under harsh conditions

- Operates reliably from -20°C to 55°C;
- Defies environmental limits

Application Scenarios

Industrial inspection

Meter reading, defect detection, abnormal temperature sensing

Emergency response

Gas detection, life detection, emergency networks

Logistics and transport

Heavy-payload operations

D1 Max

AGIBOT D1 Max is lightweight with high payload capacity, long battery life, robust protection, and agile yet stable locomotion. Powered by an embedded reinforcement learning motion model, the robot demonstrates exceptional robustness with capabilities such as impact resistance, disturbance rejection, self-righting after falls, and dynamic self-adaptation. It is equipped with a comprehensive perception suite, including vision, LiDAR, ultrasonic, and IMU sensors, which enables advanced functions like environmental reconnaissance, autonomous navigation, and target recognition.

Specifications

Weight	Runtime at rated payload	Battery Module	Continuous stair climbing height	Max speed	Max climbing angle
40 kg	**3.5h**	**10Ah*2**	**22 cm**	**8 m/s**	**45°**

Highlights

Near 1:1 payload-to-weight ratio

- Lightweight design with rated payload 30 kg

High-power drive, unmatched efficiency and proven durability

- Capable of traversing 45° slopes and clearing 80 cm vertical obstacles

Agile movement with wheel-leg transition

- Extensive joint range for adaptive climbing poses
- Effortless climbing in legged mode, and smooth, silent mobility in wheeled mode

Pushing limits for exceptional endurance

- IP67-rated with an operating temperature from -20°C to 55°C
- Autonomous return-to-charge, hot-swappable batteries, and emergency stop button

Application Scenarios

Industrial inspection

Meter reading, defect detection, abnormal temperature sensing

Security patrol

Threat inspection, site management, key point deployment

D1 Ultra

AGIBOT D1 Ultra is a compact, swift, and highly agile robot. Powered by an embedded reinforcement learning motion algorithm, it autonomously adapts to various types of ground surfaces, achieving true all-terrain locomotion. It has a wide range of applications in various sectors, including security patrols, research & education, and interactive entertainment.

Specifications

Protection rating	Weight	Runtime at rated payload	Continuous stair climbing height	Rated payload	Max running speed
IP54	**15 kg**	**1h**	**16 cm**	**5 kg**	**3.7 m/s**

Highlights

AI-powered reinforcement learning

- Navigates complex environments like stairs and rubbles with innate self-balancing and anti-tip capabilities

High-power drive, unmatched efficiency and proven durability

- Maximum joint output torque of 48N·m, delivering exceptional power performance

Dynamic mobility

- Lightweight design with agile mobility for flexible navigation through confined and complex environments

Extensible and customizable

- Standardized expansion interfaces for secondary development and personalized modification

Application Scenarios

Security patrol

Threat inspection, site management, key point deployment

Pipeline Corridor Inspection

Cable temperature measurement and sheath damage detection

Educational research

Comprehensive technical support to help users build robust robotic research frameworks

D1 Edu

AGIBOT D1 Edu is a compact, swift, and highly agile robot. Powered by an embedded reinforcement learning motion algorithm, it autonomously adapts to various types of ground surfaces, achieving true all-terrain locomotion, and supports secondary development and customization.

Specifications

Weight	Battery life	Rated payload	Continuous stair climbing height	Max running speed	Vertical jump height
15 kg	**1-2h**	**5 kg**	**16 cm**	**3.7 m/s**	**35 cm**

Highlights

AI-powered reinforcement learning

- Navigates complex environments like stairs and rubbles with innate self-balancing and anti-tip capabilities

High-power drive, unmatched efficiency and proven durability

- Maximum joint output torque of 48 N·m,delivering exceptional power performance

Dynamic mobility

- Lightweight design with agile mobility for flexible navigation through confined and complex environments

Extensible and customizable

- Standardized expansion interfaces for secondary development and personalized modification

Application Scenarios

Commercial performances

Group performance, paid rentals

Interactive entertainment

Playful dog moves, jumps, backflips, forward leaps, bipedal standing

Educational research

Comprehensive technical support to help users build robust robotic research frameworks

D1 Pro

AGIBOT D1 Pro is a compact, swift, and highly agile robot. Powered by an embedded reinforcement learning motion algorithm, it autonomously adapts to various types of ground surfaces, achieving true all-terrain locomotion.

Specifications

Weight	Battery life	Rated payload	Continuous stair climbing height	Max running speed	Vertical jump height
15 kg	**1-2h**	**5 kg**	**16 cm**	**3.7 m/s**	**35 cm**

Highlights

AI-powered reinforcement learning

- Navigates complex environments like stairs and rubbles with innate self-balancing and anti-tip capabilities

High-power drive, unmatched efficiency and proven durability

- Maximum joint output torque of 48 N·m, delivering exceptional power performance

Dynamic mobility

- Lightweight design with agile mobility for flexible navigation through confined and complex environments

Application Scenarios

Commercial performances

Performance, paid rentals

Interactive entertainment

Playful dog moves, jumps, backflips, forward leaps, bipedal standing

AGIBOT C Series

AGIBOT C5 | AGIBOT V5 | AGIBOT C2 | AGIBOT C2P

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AGIBOT C5

AGIBOT C5 is our first intelligent cleaning robot for mid-to-large scale indoor environments, integrating sweeping, scrubbing, and dry mopping into a single, versatile unit. It comes with an advanced multi-sensor system that fuses LiDAR and visual perception, enabling it to effortlessly navigate diverse and complex environments. The fully automated station supports Auto Charging, Auto Refill & Drain, and Dirty Water Tank Self-Cleaning, drastically reducing maintenance efforts. AGIBOT C5 delivers a higher quality clean while lowering your labor costs, brings data-driven insights to your operations, and provides a smart, effortless experience—perfectly supporting your move towards smart property management.

Specifications

AGIBOT C5

Debris pickup rate	Total weight	Dirty water tank self-cleaning	Battery capacity	Max cleaning efficiency	Operating noise
95%	**170 kg**	**4 min**	**24V 80 Ah**	**1980 m²/h**	**<68 dB(A)**

Fan lifespan	Extra-large water tank	Scrubbing runtime	Downforce pressure	Scrubbing width
10000h	**90L**	**3h**	**25 kg**	**550 mm**

Station

Water tank capacity	Clean water refill speed	Dirty water drainage speed	Max power	Rated input voltage
8L	**7-10 L/min**	**10-15 L/min**	**1800W**	**200–240V**

Highlights

Dual-roller brush system for sweep-scrub integration; high water flow and downforce pressure for stubborn stain removal in a single pass

Precision edge cleaning with missed spot detection, ensuring total, corner-to-corner coverage

A pioneering dual-chamber squeegee design, minimizing water residue in grout lines for a drier finish

Premium components, such as a fan with a long lifespan of 10,000 hours, minimizing the lifecycle cost

Scrubbing width: 550 mm, theoretical cleaning efficiency: up to 1980 m²/h

LiDAR + visual perception positioning, offering excellent adaptability to various scenarios

Simple maintenance: the industry-first self-cleaning dirty water tank cuts your daily maintenance time in half

Auto Charging, Auto Refill & Drain, Self-cleaning Dirty Water Tank, and integration with access control systems and elevators for unattended operation

Application Scenarios

··· Large Supermarket ···

··· Office buildings ···

··· Transportation hubs ···

··· Factories ···

··· Commercial complexes ···

··· Hospitals ···

Compatible surfaces

AGIBOT V5

AGIBOT V5 is an intelligent cleaner that supports multiple cleaning features, including vacuuming, sweeping, and dry mopping, delivering enhanced cleaning performance on both low-pile carpets and various hard floors. It comes with an advanced multi-sensor system that fuses LiDAR and visual perception for positioning, enabling it to effortlessly navigate diverse and complex environments. With an extra-large dustbin and a disposable dust bag design, maintenance intervals are significantly extended. The robot autonomously returns to its station to recharge, enabling truly automated and hands-free cleaning.

Specifications

AGIBOT V5

Cleaning width	Charging time	Dustbin capacity	Dust bag capacity	HEPA filter rating
540 mm	**1.5h**	**22L**	**18L**	**H13**

Dustbin capacity	Battery capacity	Operating noise	Sweep & vacuum runtime	Dry mopping runtime
3.5L	**24V 80 Ah**	**<68 dB(A)**	**3.5h**	**12h**

Station

Max power	Rated input voltage
1800W	**200–240V**

Highlights

540 mm cleaning width, 1900 m^2/h theoretical debris removal efficiency, perfectly effective on multiple surfaces from hard floors to soft carpets

Easy to deploy and use, quick-release design for easy maintenance, and visualized performance metrics

18L dust bag, 3.5L dustbin, and 24V 80 Ah battery, extending runtime for minimized maintenance

Safe and stable performance, powered by 360° coverage with LiDAR and visual perception and deep learning obstacle avoidance algorithms

Application Scenarios

··· Airport ···

··· Office buildings ···

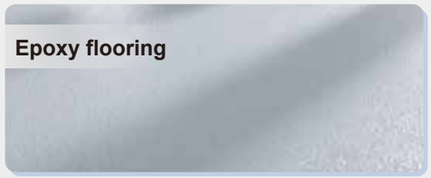
··· Hotels ···

··· Large venues ···

··· Factories ···

··· Government, education, and healthcare facilities ···

Compatible surfaces



AGIBOT C2

AGIBOT C2 is a compact commercial robot designed to clean indoor small areas of 500-1,000 m². It features compact and agile design, multi-functionality, intelligent recognition, and cloud-based control, delivering an intelligent, unattended, and digitalized cleaning solution.

Specifications

AGIBOT C2

Debris pickup rate	Total weight	Dustbin capacity	Battery capacity	Operating speed	Maximum climbing angle
300–700 m²/h	**17.5 kg**	**1.3L**	**25 Ah**	**0.4–0.6 m/s**	**10°**

Dirty water tank capacity	Clean water tank capacity	Scrubbing runtime	Charging time	Cleaning width	Edge cleaning distance
3.5L	**4L**	**4h**	**2h**	**390 mm**	**≤50 mm**

Station

Dustbin capacity	Station feature	Station feature	Station feature	Station feature
10L	**Auto Charging**	**Auto Refill & Drain**	**Auto Empty**	**Mop Drying**

Highlights

Automatically switches between Dry Mop, Vacuum, and Wet Mode to adapt to different floor types

Intelligently communicates with elevators, access gates, and access control systems to navigate across multiple floors without interruption

Enables true 24/7 unattended operation based on the industry-leading fully automated station with Auto Empty / Refill & Drain / Charging and Mop Drying features

Intelligently adapts its cleaning strategies according to the debris types and stain levels detected

Effortlessly reaches tight spaces like table areas and narrow aisles due to the perfect combination of a 39 cm ultra-slim body and low-profile design

Application Scenarios

··· Supermarkets ···

··· Office buildings ···

··· Serviced apartments ···

··· Retail stores ···

··· Exhibition halls ···

··· Office lobbies ···

Compatible surfaces

AGIBOT C2P

AGIBOT C2 is a compact commercial robot designed to clean indoor small areas of 500-1,000 m^2. It features compact and agile design, multi-functionality, intelligent recognition, and cloud-based control, delivering an intelligent, unattended, and digitalized cleaning solution.

Specifications

AGIBOT C2P

Overall dimensions	Total weight	Dustbin capacity	Battery capacity	Operating speed	Maximum climbing angle
520*510*680 mm	**22.5 kg**	**1.3L**	**23 Ah**	**0.4–0.6 m/s**	**8°**

Dirty water tank capacity	Clean water tank capacity	Battery life	Charging time	Cleaning efficiency	Edge cleaning distance
3.5L	**4L**	**4H (2H continuous operation with a full water tank)**	**2h**	**180-250 m^2/h**	**<50 mm**

Dustbin capacity	Obstacle clearance height	Cleaning width	Minimum clearance height
1.3L	**30 mm**	**390 mm**	**700 mm**

Highlights

Automatically switches between Sweep, Vacuum, Dry Mop, and Scrub Modes

Features an all-in-one station that supports Auto Charging, Auto Refill & Drain, and Roller Brush Self-Cleaning, and barrier-free access to elevators and access gates

Automatically adapts to different cleaning attachments without manual setup and lifts the roller brush in case of carpet

Supports cloud-based remote task management, offering multi-dimensional data analysis and visual data management

Operates in Quiet Mop Mode at under 60 dB, ideal for overnight cleaning without causing disturbances

Provided with a mobile water station to adapt to environments without fixed plumbing

Application Scenarios

··· Supermarkets ···

··· Office buildings ···

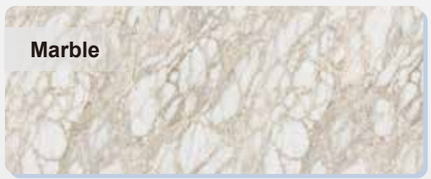
··· Serviced apartments ···

··· Retail stores ···

··· Exhibition halls ···

··· Office lobbies ···

Compatible surfaces



AGIBOT OmniHand Series

OmniHand 2025 | OmniHand Pro 2025

Scan to watch videos

OmniHand 2025

Compact high-DOF interactive dexterous hand with small form factor and total compatibility.
As the industry's only compact, high-DOF dexterous hand, OmniHand 2025 deliversuniversal compatibility across humanoid robotsand greatly enhances interactive intelligence.

Specifications

DOF	Weight	Dimension	Maximum fingertip force
10 active + 6 passive	**500g**	**180*85*38.5 mm**	**5N (typical value)**

Array sensors	Array resolution	Communication interface	Compatibility
400+ taxels (w/ Tactile)	**0.1N (w/ Tactile)**	**CANFD/RS485**	**Compatible with mainstream robots and robotic arms**

Highlights

Compact and lightweight

- 180 mm in total length, just 500g in weight—adaptive to humanoid robots of various models.

Adaptive interaction

- 16 DOFs for more human-like gesture interaction, covering all common gestures plus an exclusive back-of-hand touch interaction.

Safe and user-friendly

- Over 400 force-sensing taxels across the hand and an anti-pinch design for safer interaction

Application Scenarios

Interactive services

Gesture interaction, rock-paper-scissors games, touch interaction

Research and education

Mobile manipulation/algorithm training

Light-duty tasks

Object grasping, document delivery, etc.

OmniHand Pro 2025

Highly integrated all-round dexterous hand with powerful sensing and exceptional capabilities.
Representing a new class of high-DOF commercial dexterous hands, it combines a compact, lightweight form factor with impressive load capacity, precision, speed, and multi-modal tactile sensing to enable intelligent task execution.

Specifications

DOF	Weight	Dimension	Maximum fingertip force
12 active + 7 passive	**750g**	**207*98*56mm**	**20N (typical value)**

Array sensors	Array resolution	Communication interface	Compatibility
Fingertip 3-axis force, palm 1-axis force, 150+ taxels	**0.01N**	**CANFD**	**Compatible with mainstream robots and robotic arms**

Highlights

Anthropometric dimensions

- 19 DOF, only 750 g—the smallest, lightest, and most anthropomorphic dexterous hand in its class

Multi-tasking

- Optimized configuration for easy manipulation of tools, with a fingertip force of up to 20N

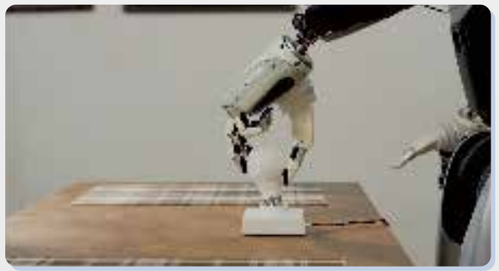
Superior sensing

- Multi-modal sensing (position, normal force, tangential force, proximity) with 0.01N-level high sensitivity, powered by AI algorithms

Application Scenarios

Industrial settings

High-intensity precision tasks
Grasping, sorting, and professional tool manipulation



Research and education

Teaching tools and aids
Imitation/reinforcement learning