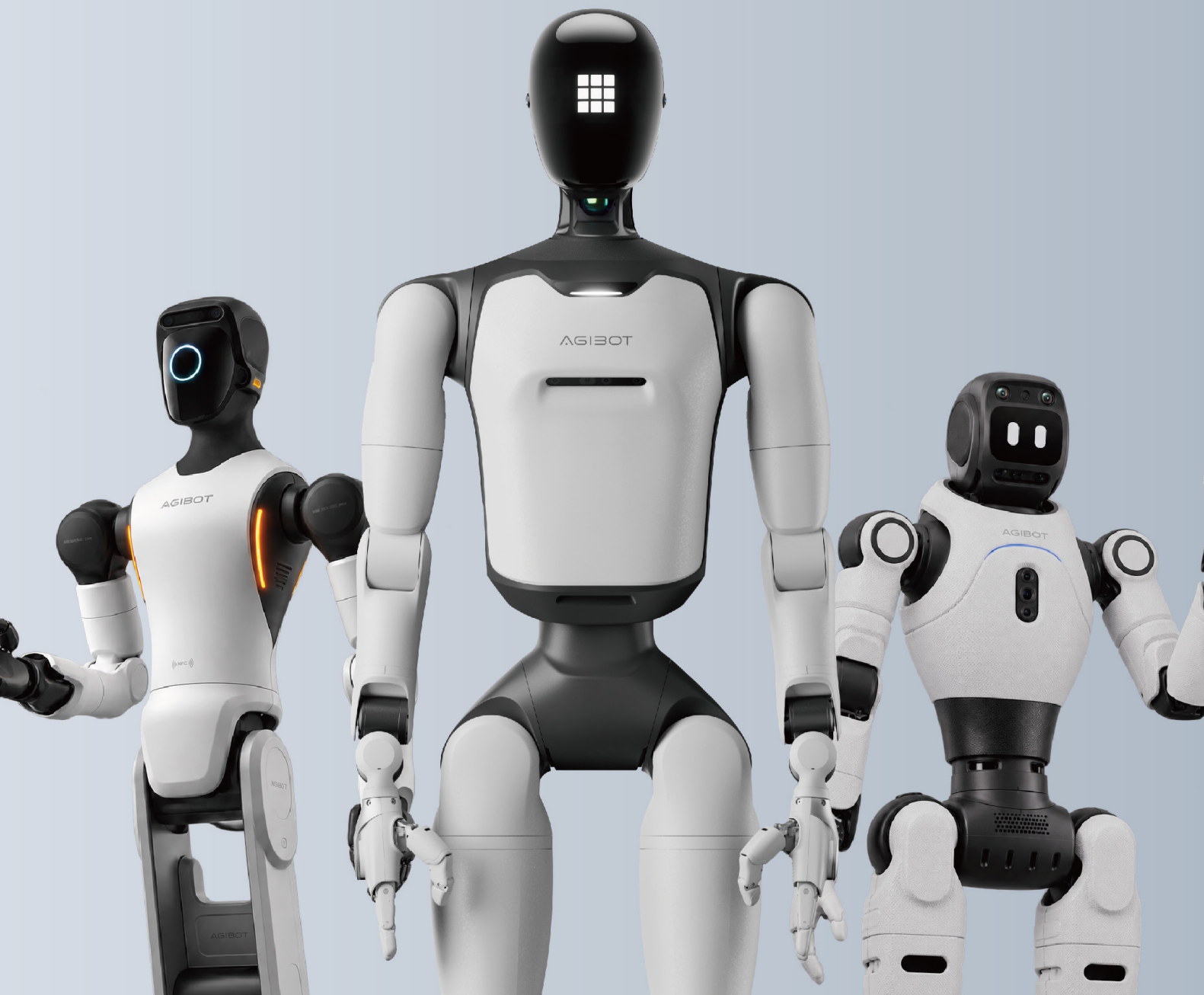
AGIBOT

Product Brochure



Create Unlimited Productivity via Intelligent Machines

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AGIBOT A Series

AGIBOT A3 Ultra | AGIBOT A3



AGIBOT A3 Ultra

Your 24/7 Productivity Partner

24/7 Autonomous Operation | Versatile Task Execution | All-Domain Safety

A commercial-grade, full-size, full-featured humanoid robot designed for exhibition narration, reception, guided tours & shopping assistance, and inspection, delivering autonomous navigation, dexterous manipulation, extended endurance, and unattended operation and maintenance.



24/7 Autonomous Operation

LiDAR + multi-camera sensor fusion delivers 360° all-domain environmental awareness; 700 TOPS compute paired with a self-developed three-tier heterogeneous computing architecture enables autonomous navigation and obstacle avoidance; 8-hour commercial-grade battery life with autonomous charging.

Versatile Task Execution

Inherits AGIBOT A3's high-performance motion system and dynamic capabilities; 20-DoF dexterous hands with omnidirectional force control; rapid skill acquisition from a single demonstration, excelling across all scenarios including exhibition narration, hotel reception, retail guidance, and front-desk services

All-Domain Safety

Four-layer safety system: 3-meter-ahead prediction, contact-triggered stop, millisecond-level emergency stop, and fall protection; validated through thousands of extreme-condition tests; hybrid architecture combining magnesium alloy with proprietary carbon fiber nylon composite, safeguarding both humans and robots.

All-Domain Connectivity

UWB + RTK centimeter-level positioning with seamless indoor-outdoor switching; dual-band global 5G with dual eSIM + physical SIM support for worldwide deployment; automotive-grade quality refined through thousand-scale mass production; foldable storage with single-person deployment and autonomous box entry/exit

Application Scenarios



Reception & Guided Tours

Corporate Showrooms | Hotels | Government Reception Desks | Office Buildings



Guided Tours & Shopping Assistance

In-Store/Retail Kiosk Guidance | Brand Events | Commercial District Tours



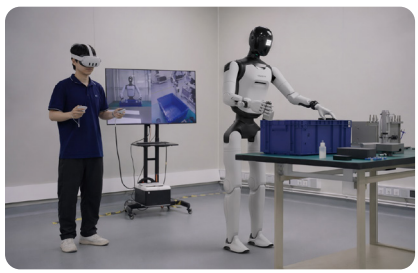
Patrols and Inspections

Campuses | Data Center & Facility Checkpoints | Environmental Monitoring



Research & Education

Embodied AI Cutting-Edge Teaching | Secondary Development



Data Collection

"Collect - Train - Evaluate - Deploy" Integrated Humanoid Data Collection Solution



Stage Performance

Dance | Customized Formation Performance

Specifications

Up to 20-DoF omnihands, omnidirectional tactile sensing Dexterous Hand	**LiDAR + surround-view cameras + dual depth cameras for 360° all-domain perception** Perception System		**700TOPS** Compute
174cm Height	60kg Weight	Indoor UWB + Outdoor RTK Accuracy ±1 cm Positioning System	8 h, autonomous plug-in charging 10 s fast battery swap Standard Battery Life
Dual-band global 5G Dual eSIM + physical SIM support Network Configuration	Supports hundred-unit coordination, compatible with LinkBots Swarm Control Capability		Single-Person Deployment Unattended Operation & Maintenance Deployment Features

AGIBOT A3

A Silicon-Based Star Born for the Stage

A full-size humanoid robot engineered for stage performance and interactive entertainment, creating a silicon-based star through high-burst agility, 10-hour endurance, rapid battery swapping, and hundred-unit swarm control.



Exceptional Performance, Exended Endurance

Power-to-weight ratio of 0.218 kW/kg comparable to million-dollar supercars; dual battery packs + full-tab cell technology, 10 s fast hot-swappable battery swapping, comprehensive battery life of up to 10 hours

Striking Design, Fully Customizable

173 cm golden ratio with model-grade head-to-body proportions; supports comprehensive customization from wraps to full shell design, with LinkSoul platform for freely designing character personas.

Superior Swarm Control, Hundreds in Sync

UWB centimeter-level fusion positioning, coordinated formation dancing across 100+ units; equipped with shoulder touch sensing paired with speech and multimodal interaction, 360° omnidirectional audio pickup with multi-array microphones for clear recognition in high-noise environments; standard global 5G with dual eSIM + physical SIM support for borderless global connectivity.

Reliable Platform, Easy Deployment

Foldable packaging, autonomous box entry/exit; 92 automotive-grade rigorous tests, with a designed lifespan of up to 3 years. Fully open interfaces for advanced secondary development.

Application Scenarios



Commercial Stage

Top-Tier Dance/Martial Arts Performer | Brand Ambassador | Dynamic Kinetic Art Installation



Research & Education

Cutting-Edge Scientific Research in Embodied AI and Beyond



Interactive Entertainment

Autonomous Posing Coser | Livestream Tech Influencer | Theme Park Featured Guide

Specifications

173cm Height	**55kg** Weight	**0.218kW/kg** Power-to-Weight Ratio
Dual battery packs · 1152 Wh · Full-tab cells, comprehensive battery life 10 h Battery		**UWB single-unit accuracy ±10 cm** Positioning System
Supports precise coordination of 100+ units Swarm Control Capability	**Dual 5G modules, dual SIM support** Network Configuration	**Single-Person Deployment, Autonomous Box Entry/Exit** Deployment Features

AGIBOT G Series

AGIBOT G2 | Genie Sim | Genie Studio 2.0

AGIBOT WORLD 2026 | GO-3 Preview | Genie Envisioner 2.0



AGIBOT G2

Industrial-Grade Interactive Embodied Robot

Adaptable to diverse scenarios including industrial, commercial, home, and scientific research.



Key Features

01 Full-Joint Torque Sensing Sub-Millimeter High-Precision Operation

Equipped with 7-DoF humanoid force-controlled arms, full-joint torque sensing, and sub-millimeter precision, capable of high-precision operations such as force-controlled hole searching and connector insertion

02 Humanoid Degrees of Freedom Natural & Agile Full-Body Motion Control

26 full-body DOFs, with engaging and agile head and waist motion control;
Four-steered-wheel chassis design supporting omnidirectional mobility.

03 Active & Passive Dual Protection Comprehensive Safety Protection

Triple sensors form a blind-spot-free protection network with active obstacle avoidance and collision force relief, making human-robot collaboration safer

04 Dual-Battery Hot-Swapping Extended Operation

Hot-swappable battery swapping and autonomous return-to-charging achieve 24/7 uninterrupted operation, boosting overall operational efficiency.

Specifications

Dimensions 760mm*640mm*1225-1795mm		Chassis Mobility Omnidirectional mobility (Ackermann, in-place rotation, translation in any direction)	
Max Speed 1.5m/s	Rated Payload per Arm 5kg	Full-Body DOFs (Excluding End-Effectors) 26	Arm Force Control Full Joint
On-Device Compute Platform NVIDIA Jetson T5000 2070 TFLOPS (FP4)		Sensor Configuration 3* Fisheye + 2* 3D LiDAR + 8* Ultrasonic + 3* RGBD + 1* Wide-Angle Binocular	

Typical Scenarios



Industrial Handling



Logistics Sorting



Precision Manipulation



Commercial Guided Tours



Security Screening



Inspection



Retail



Scientific Research

Genie Sim

A one-stop high-fidelity simulation platform for embodied AI model development, integrating scene reconstruction, data collection, automated benchmarking, and model post-training.

Genie Sim is a full-stack robot simulation platform integrating soft-body simulation, world generation, model evaluation, and parallel reinforcement learning.

Key Features

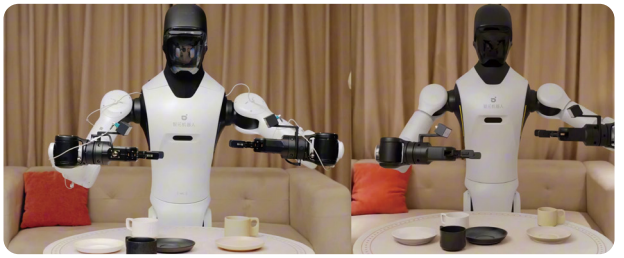
Unified Simulation Capability Stack

Composed of Genie Sim World, Genie Sim Engine, Benchmark, and Genie Sim × RLinf, covering world generation, physical simulation, benchmarking, and training.



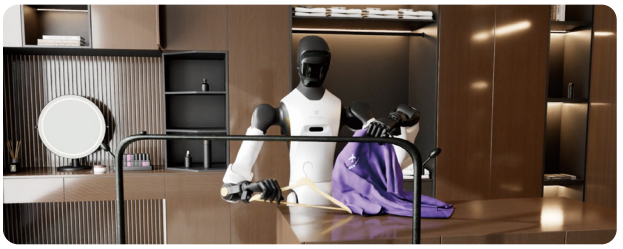
Rapid Generation of SimReady Simulation Worlds

Supports multi-image inputs to generate SimReady worlds in minutes, providing controllable environments for robot training and benchmarking.



Supports Deformable Objects and High-Precision Embodied Simulation

Driven by real data, the physics engine tackles simulation fidelity and Sim-to-Real gaps in deformable manipulation, achieving up to 95% consistency between Genie Sim simulation performance and physical robot deployment.



Supports Large-Scale Parallel Training and Benchmarking

The evaluation benchmark covers eight capability dimensions including dexterous manipulation, fine manipulation, full-body coordination, and embodiment transfer, adapting to mainstream RL frameworks for multi-environment parallel policy post-training.





Genie Studio 2.0

One-Stop Embodied Operations Intelligence Platform

Making Robot Application Development Simpler, Large-Scale Deployment More Efficient, and Operations Management Smarter

Genie Studio 2.0 is an industry-leading one-stop embodied operations intelligence platform. Spanning three tiers of capabilities—model iteration, scenario development, and cluster operation & maintenance—it provides a full-pipeline software foundation bridging robot application development, intelligent capability building, rapid deployment, operations management, and data backflow. It resolves the industry's three major pain points: "lengthy R&D cycles, high deployment thresholds, and difficult cluster O&M," genuinely making robot application development simpler, large-scale deployment more efficient, and operations management smarter.

Overall Platform Framework

The platform establishes an integrated software ecosystem: "Model Evolution — Scenario Deployment — Cluster Operation."

Genie Studio Flywheel
Embodied Model Iterative Development Platform
Builds a full-process "Collect - Train - Evaluate - Deploy" toolchain, driving continuous autonomous evolution of humanoid AI.

Genie Studio Agent
Low-Code Scenario Orchestration and Deployment Platform
Visual drag-and-drop workflow authoring significantly lowers development thresholds for production line deployment.

Genie Studio Monitor
Multi-Robot Fleet All-Domain O&M Platform
Real-time cluster status monitoring and remote anomaly resolution deliver a comprehensive software foundation for long-cycle, stable mass-production deployment.

Driving AI iteration via Flywheel, lowering deployment barriers via Agent, and ensuring mass-production stability via Monitor.

01 **Model Development**
Collect, Train, Evaluate, Deploy Full-Pipeline Model Development

02 **Task Definition**
Clarify Business Scenarios Task Decomposition

03 **Application Orchestration**
Workflow Orchestration Skill Invocation Simulation Verification

04 **Runtime Supervision**
Task execution Monitoring and Alerting Remote Access

05 **Backflow Evolution**
Data & Experience Backflow Driving Continuous Evolution of Applications and Models

Core values

Faster Development
Standardized Processes and Toolchains Shorten Cycles from Solution to Launch

Lower Costs
Reuse Platform Capabilities and Assets Reduce Development and O&M Costs

More Stable Operation
Unified Monitoring and O&M System Enhance Robot Operational Stability

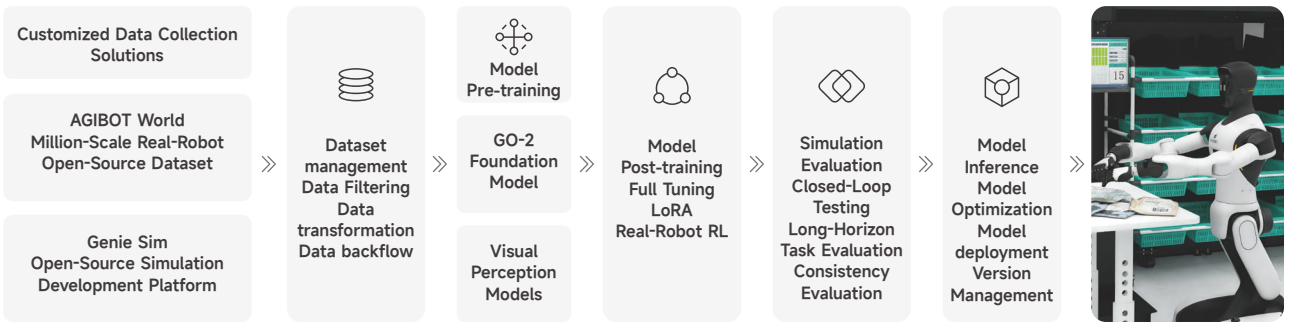
Stronger Iteration
Data Backflow + Embodied Flywheel Driving Continuous Optimization of Robot Capabilities

Easier Replication
Modular Asset Accumulation Rapid Replication and Scaled Delivery

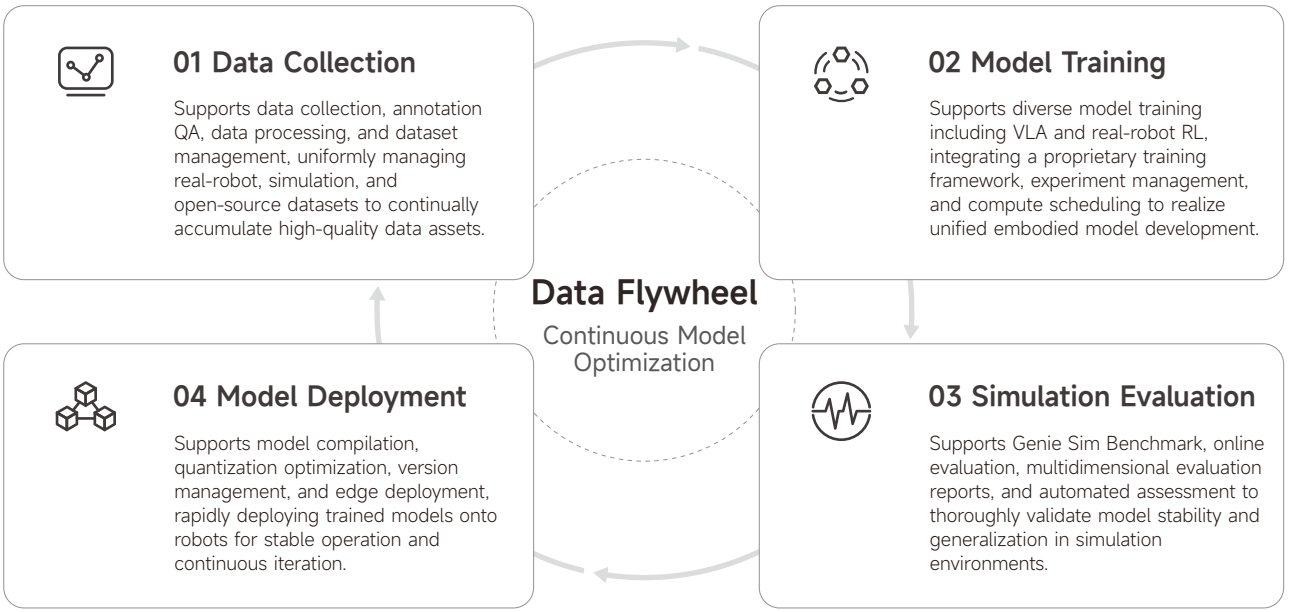
Genie Studio Flywheel

Embodied Model Iterative Development Platform

Genie Studio Flywheel establishes the evolutionary foundation for embodied intelligence. Leveraging an end-to-end toolchain spanning data collection, simulation evaluation, model training, and online deployment, it forms a continuously iterating AI model flywheel that strengthens robot capabilities and optimizes operational stability over time, accelerating the rapid adoption and commercial deployment of embodied AI technology.



Core Capabilities



Core values

Real-Robot RL Acceleration

Trained on a proprietary RL framework, validated in real projects, achieving hour-level convergence and a 99% success rate.

Multi-Robot, Multi-Scenario Generalization

Supports rapid migration and scaled reuse across multiple robots, diverse embodiments, and varied scenarios.

Engineering-Grade Development

Unifies data, model, compute, and deployment management to boost development efficiency and accelerate large-scale deployment.

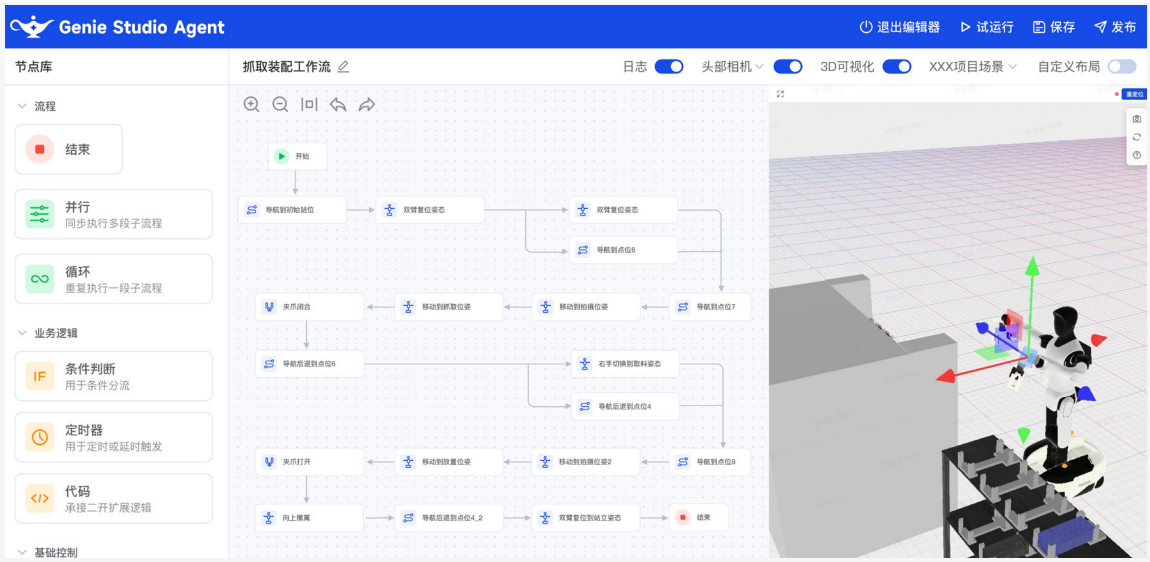
Genie Studio's 99% success rate is backed by measured live project data—Longcheer.

Genie Studio Agent

Low-Code Scenario Orchestration and Deployment Platform

Tailored for real-world operational scenarios, it delivers integrated application development capabilities spanning task orchestration, skill invocation, simulation verification, and real-robot execution, making robot application development faster, simpler, and more reproducible.

Core Capabilities



01 Visual Task Orchestration

Develop robot tasks via low-code drag-and-drop workflows, supporting complex logic including process configuration, condition checks, loop branching, and exception handling to rapidly build robot applications.

02 Rich Robot Skill Library

Preloaded with standard capability nodes including navigation, motion control, force control, grasping, QR code positioning, and RL model inference, supporting flexible combinations of robot skills to rapidly build complex workflows.

03 Simulation Verification & Debugging

Supports simulation trial runs, collision detection, execution logs, pose import, and other development tools to validate workflows and locate issues prior to physical deployment, reducing on-site commissioning costs.

04 Open Extensibility

Provides Python code nodes and open APIs, supporting custom business logic, third-party device integration, and secondary development to balance standardized development with flexible scenario expansion.

Core values

Low-code development

Drag-and-drop workflow orchestration makes robot application development simpler.

Fast delivery

Simulation-first and real-robot-ready, shortening application development and on-site delivery cycles.

Scaled Replication

Accumulates workflows, skills, and experience to support cross-project reuse.

Genie Studio Monitor

Multi-Robot Fleet All-Domain O&M Platform

Serving as the all-domain operational hub for robot fleets, Genie Studio Monitor provides device monitoring, data analytics, anomaly alerting, remote O&M, and data backflow capabilities, ensuring stable fleet operations and driving continuous application optimization and scaled operations.

Core Capabilities



01 Multi-Robot Scheduling & Management

Multi-robot task scheduling, group management, and global visualization.

02 Unified Monitoring

Status monitoring, operational statistics, and task progress all on a single screen.

03 Remote Intervention

Remote operation, online debugging, and rapid on-site issue resolution.

04 Anomaly Alerting

Fault diagnosis, predictive failure warning, and anomaly event tracking.

Core values

Full Visibility

Comprehensive visualization to grasp overall operational posture.

Total Control

Remote intervention and multi-robot scheduling to ensure stable operations.

Continuous Optimization

Data backflow and analytics for continuous optimization and iteration.

Scalable Replication

Accumulate operational expertise to support model and application replication.

AGIBOT WORLD 2026

An open-source dataset systematically covering key research directions of embodied AI

AGIBOT WORLD 2026 is an open-source dataset systematically covering key research directions of embodied AI, oriented toward real robot tasks with standardized delivery.

Key Features

01 Covers Core Embodied AI Research Directions

Focuses on imitation learning, diverse interaction, reinforcement learning, and embodied reasoning.

02 Tailored for Real Complex Tasks

Covers fine manipulation, long-horizon tasks, spatial navigation, bimanual coordination, and multi-robot collaboration scenarios.

03 Rich Data Types and Task Stages

Supports diverse research workflows, spanning dedicated collection, fine annotation, and multi-stage data for imitation learning, interactive learning, reinforcement learning, and embodied reasoning.

04 Standardized, High-Quality, Direct-to-Train

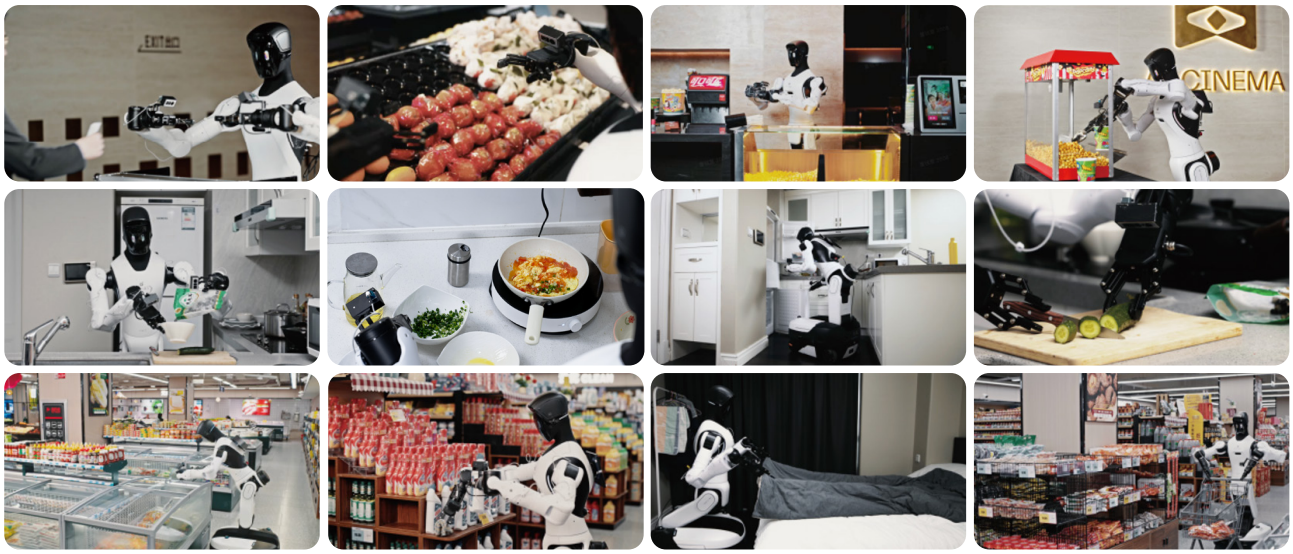
Delivers cleanly structured, accurately annotated data through raw data collection, algorithmic policy training, physical verification, and DaaS quality assurance.

AGIBOT WORLD 2026 Dataset Features



Five Core Themes Unlocked Progressively





GO-3 Preview

An embodied model covering full-pipeline scaling across pre-training, post-training, and post-deployment

GO-3 Preview builds general capabilities through pre-training, expands sim-to-real interaction via post-training, and drives continuous improvement with post-deployment real-world operational experience—taking robots from learning motions to completing tasks and continuously evolving.

Key Features

01

Pre-training Scaling
Building Embodied Native Architecture WRAM for General Capabilities

Learns diverse manipulation experiences through synergistic data and model scaling; adopts the WRAM architecture to integrate world modeling, reasoning, and action generation, supporting comprehension and execution of complex tasks.

02

Post-training Scaling
Expanding Capabilities in Sim-to-Real Interaction

Expands training environments around physical robots, physical simulations, and world models, providing diverse experiences with real feedback, controllable scenarios, and future rollouts to explore continuous policy optimization via collective experience learning and branching exploration.

03

Post-Deployment Scaling
Driving Continuous Evolution with Real Operational Experience

Integrates with GenieMaster to organize long-horizon tasks, accumulating and reusing success, failure, and anomaly recovery experiences, while leveraging Embodied RSI to feed operational insights into next-round decision and execution improvements.

04

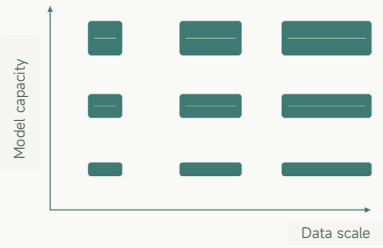
Zero-Shot Broad Generalization
Few-Shot Unlocks Complex Operations

Executes on new objects, new scenes, new tasks, and new combinations without physical demonstrations of corresponding tasks; further adapts to complex, fine operations with only a few demonstrations.

01 Pre-training

Data × Model Scaling

Building general capabilities



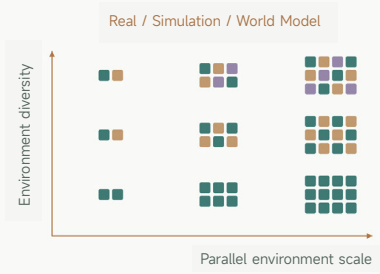
GO-3 Preview

An embodied model unifying reasoning, prediction and action

02 Post-training

Mixed-Environment Scaling

Learning through physical and virtual interaction



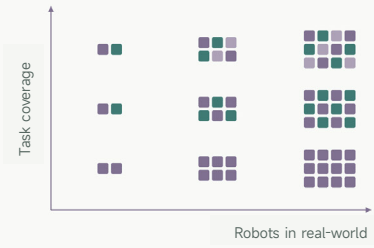
Genie Evolver

An embodied post-training system combining physical and virtual environments

03 Post-deployment

Real-World Experience Scaling

Improving decisions and actions through real work



Genie Master

Physical RSI driven by embodied agents

01 Real-Robot Environments

A fleet approaching 100 robots
Parallel collection, shared experience



Real interaction · Collective experience

Calibrate capabilities with physical feedback

02 Physics Simulation Environments

Genie Sim
Controllable interaction scenarios



Digital twins

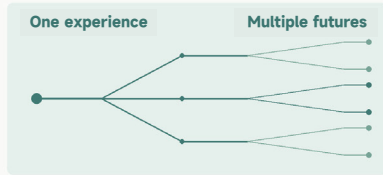


Parallel scenario exploration

Broaden scene and interaction coverage

03 World-Model Environments

Genie Envisioner 2.0
WorldArena Champion



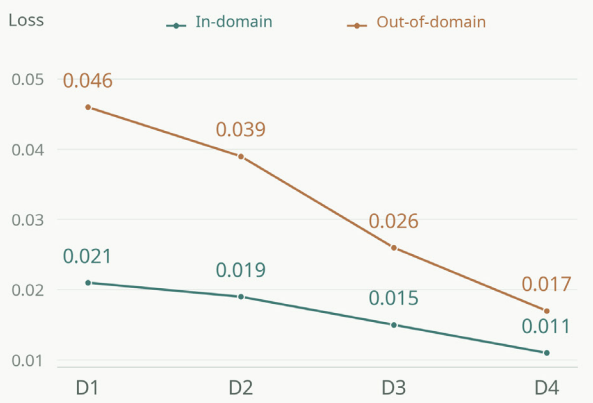
Revisit key decisions and explore outcomes

Interaction Experience Loop

Pool experience
Filter · Adjust the mix

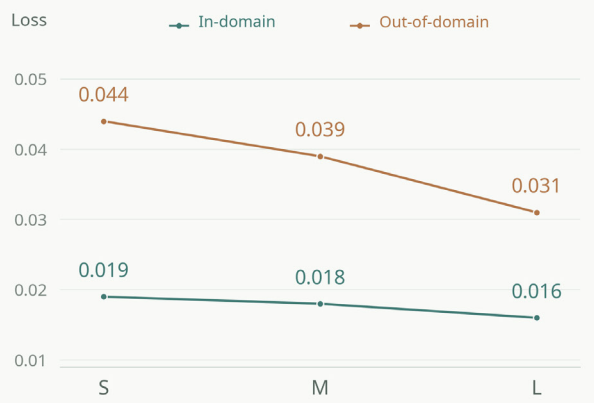
→ **Update policy** → **Real-robot validation** → **Feed back results**

Data Scaling



D1 — D4

Model Scaling



S / M / L

Genie Envisioner 2.0

An embodied world model for robotic manipulation, supporting action rollout, simulation training, and performance evaluation.

Genie Envisioner 2.0 is an open-source embodied world model for robot manipulation, enabling interactive, trainable, and evaluable closed-loop learning.

Key Features

01

Full-Featured Closed-Loop Simulation

Integrates multi-view visual state generation, embodiment state generation, and automated reward discrimination to build comprehensive closed-loop simulation capabilities.

02

High-Fidelity Long-Horizon Simulation

Supports minute-level high-fidelity continuous frame generation, meeting continuous simulation requirements for long-horizon tasks.

03

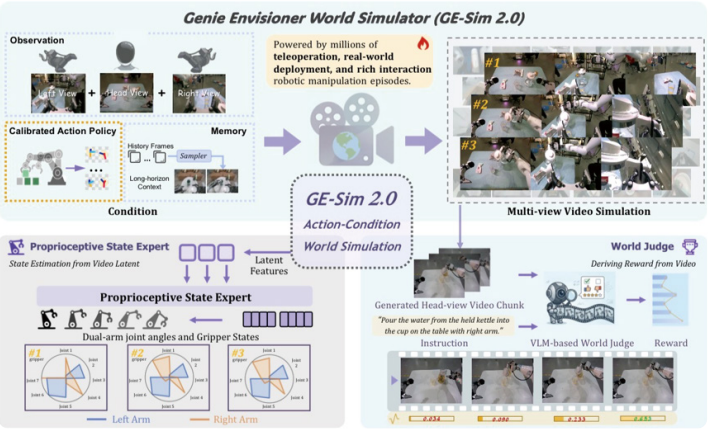
Near-Real-Time Efficient Inference

Enables policy rollouts at near-real-time inference speeds within the world model, accelerating policy validation and iteration.

04

Strong Causality & Embodied Consistency

Accurately characterizes the causal relationship between actions and environmental feedback with high physical consistency, supporting low-cost closed-loop evaluation and experiential learning within the world model.





AGIBOT X2 Series

AGIBOT X2 Ultra (New Version)

AGIBOT X2 Neo

AGIBOT X2 REC | AGIBOT X2 EDU | SkillForge



AGIBOT X2 Ultra (New Version)

Comprehensive Perception. Intelligent Interaction. Multi-task Operation.

A professional humanoid robot for Tour Guidance and Shopping Assistance, retail operations, cultural tourism, live entertainment, research and education.



01 Intelligent Marketing

Converting Foot Traffic into Business

Identify potential customers at a distance and initiate Proactive Greeting.
QR-linked messaging supports conversion.
Daily reports track customer interest and intent.

02 Proactive Interaction

Seeing, Hearing, and Expressing

Detect waves and lingering gazes to initiate interaction.
Turn toward voices and maintain attention. A2G matches gestures to speech content.

03 Multiple Performance Modes

From Teleoperated Avatar to Multi-Robot Synchronized Performance

Upper-body or full-body BVLOS Teleoperation. Voice modulation and character gestures enrich performances.
UWB coordinates curved paths, moving performances and formations.

04 Flexible Secondary Development

From Atomic Capabilities to Autonomous Business Processes

AgentFlow connects greeting, recommendations, demonstrations and guidance.
Open APIs for autonomous tasks, navigation, perception and SLAM.
Integrate databases, MCP and Agent-to-Agent.

05 Safety and Autonomy

Worry-Free Interaction & Effortless Operation

Whole-body obstacle avoidance and interruptible actions.
Fall damping, protective postures and compliant upper-body impedance control.
Recovery when stuck; low-battery auto-recharging.

06 Closed-Loop Retail Operations

From Autonomous Delivery to Scenario Generalization

Voice-based ordering, grasping, delivery and marketing at retail stations.
Up to 98% grasping success in standard scenarios.*
SkillForge links Data Acquisition, training and inference to expand SKU coverage.

Note: 98% refers to the success rate in the object grasping phase; data is derived from AGIBOT internal testing.

AGIBOT X2 Ultra (New Version) combines expression, mobility, workflow orchestration and task execution for commercial services and production.





Applications



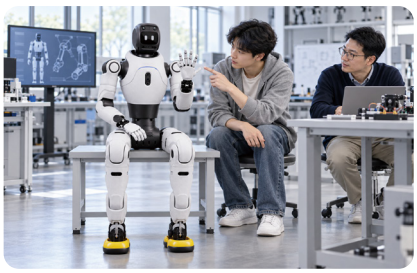
Museum & Cultural Tourism



Guided Tours & Shopping Assistance



Service Retail



Research & Education



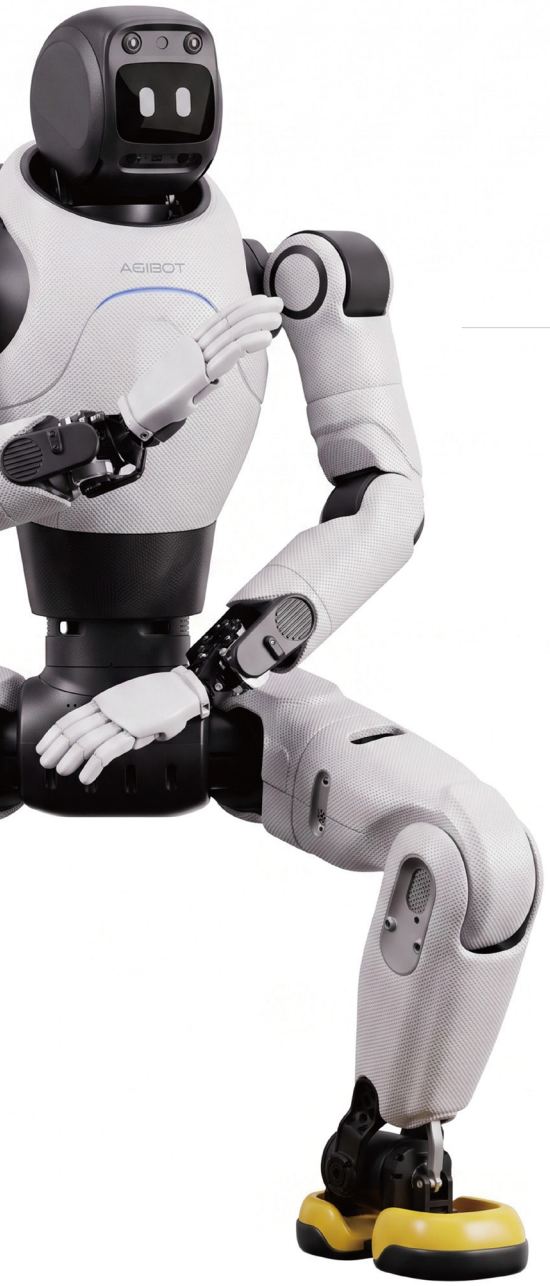
Data Collection



Stage Performance

AGIBOT X2 Neo

An entry-level humanoid robot for entertainment and commercial performances, with expressive motions, proactive interaction and fleet control.



Key Features

Rich Interactive Experience

Multimodal interaction: fuses vision, speech, and tactile sensing capabilities with 30+ facial expressions and 20+ languages to enrich greeting and entertainment interactions
Flexible and expressive performance: 30 full-body DOFs and 20 preset humanoid motions
Remote interaction: Supports 4G/5G communications and GPS positioning.

Easy to Control, Creative, and Perform

Single-operator deployment: No hoist required, supports standing up from lying/sitting positions, controlled via remote or mobile app.
Stage-ready anytime: Preloaded with curated performance routines including dance, martial arts, and acrobatics.
Zero-code authoring: Powered by LinkSoul and LinkCreate platforms to define personalities and choreograph motions.

Innovative Carrier for Brand IPs

Customizable brand persona, wake word, and voice timbre; author proprietary brand motions; quick-release magnetic shell for custom brand appearance.

Applications



Culture & Entertainment Tourism

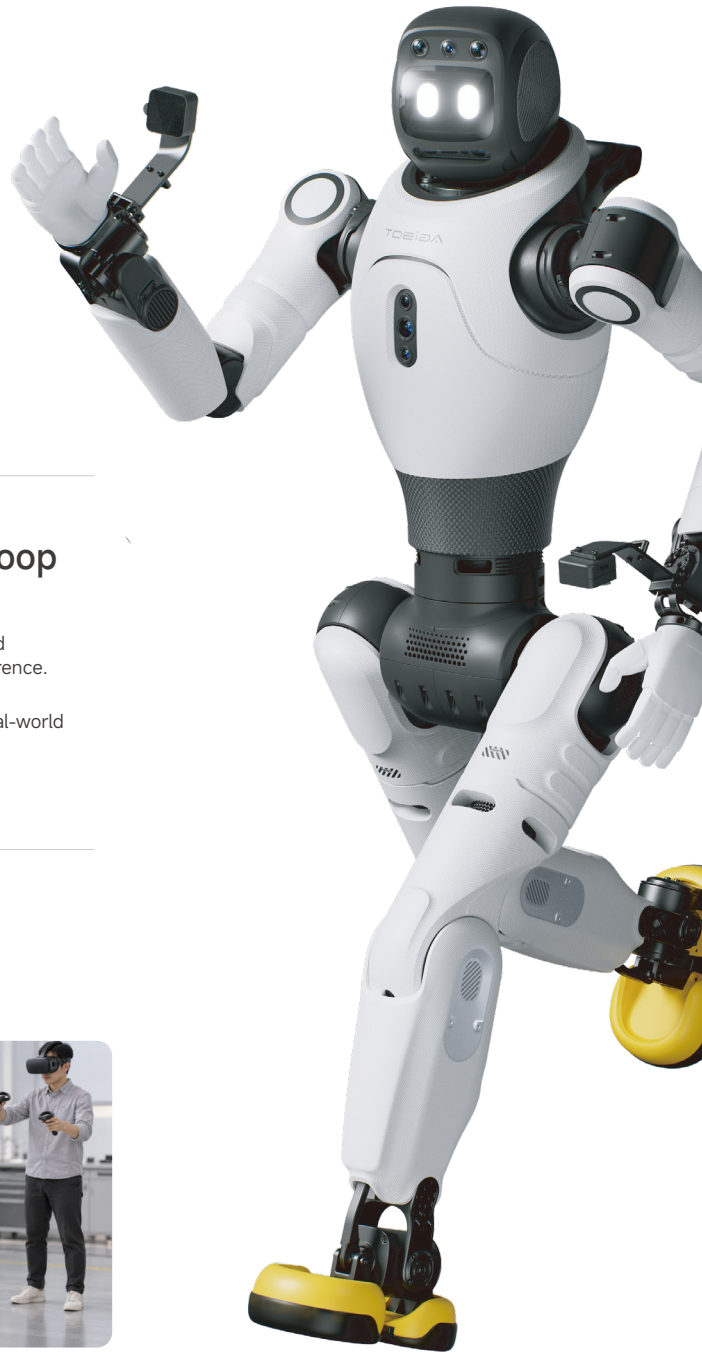


IP Brand Ambassador

AGIBOT X2 REC

Designed for data collection and embodied model R&D, supporting multiple teleoperation modes, multi-end-effector adaptations, and a closed-loop "Collect-Train-Evaluate-Deploy" solution.

Key Features



Physical Avatar · Full-Body Teleoperation

Comprehensive perception matrix: multi-sensor fusion balancing environmental understanding, motion recording, SLAM navigation, and fine manipulation needs
Multi-end-effector adaptation: compatible with isomorphic /heteromorphic collection schemes to meet general grasping, fine manipulation, and task expansion needs
Real-World Scenario Data Collection 2.0: Built-in whole-body motion control foundation model, supporting whole-body control and single-/multi-person task collection across retail, store, and home scenarios.

"Collect-Train-Evaluate-Deploy"Closed-Loop

Full-stack capability coverage: Supports SkillForge skill factory and VLA integrated toolchain, bridging data collection, training, simulation testing, and deployment inference.
BVLOS Data Collection: achieves cross-space, long-distance data collection
Large-scale training: provides real-robot and simulation datasets covering 100+ real-world scenarios, bridging model training, fine-tuning, quantization, and deployment

Applications



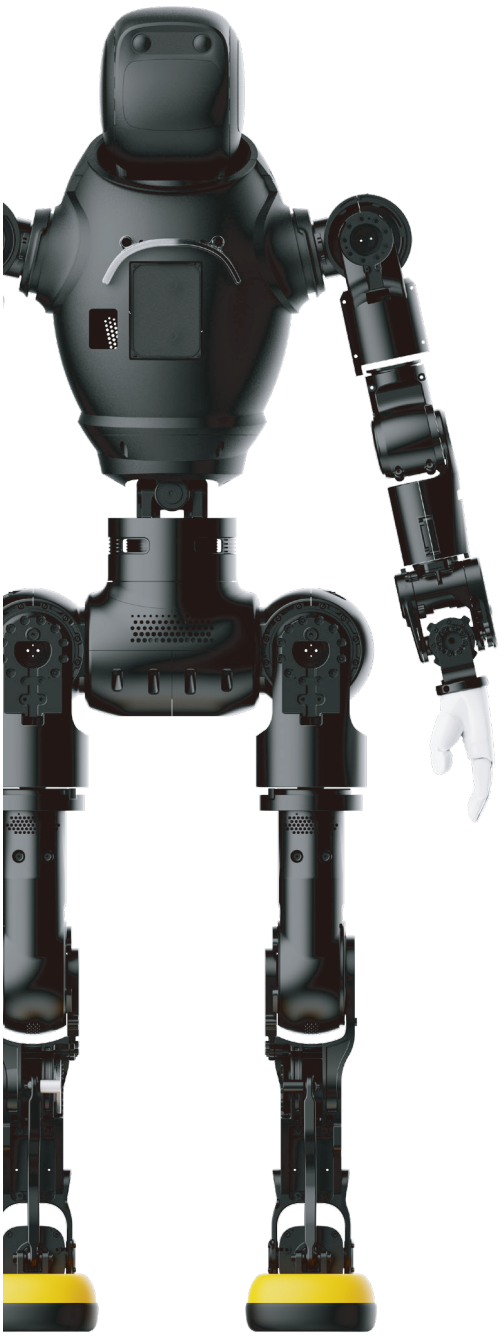
Real-World Scenario Data Collection



Teleoperation Demonstration

AGIBOT X2 EDU

Designed for scientific research, education, and vocational training, focusing on modular assembly and software secondary development for repeated assembly and debugging



Key Features

Seamless Integration

Flexible end-effector options: optional grippers / dummy hands /dummy fists to adapt to grasping, interaction, and other movements
Abundant sensor interfaces: open power supply, data, and external peripheral interfaces
Compute expansion: high-level secondary development boards empower advanced development

Full-Stack Openness

Software & Hardware: open development for joints, grippers, and actuator units; supports embedded development and electromechanical system integration
Motion Control: low-level motion control algorithms are open for secondary development
Appearance: supports industrial design, structural modification, and personalized customization

Fully Supported Ecosystem

Curriculum support: complete product design and assembly tutorials for easy onboarding
Consumables support: comprehensive consumables list for fast, convenient selection, procurement, and maintenance to ensure continuous training

Applications

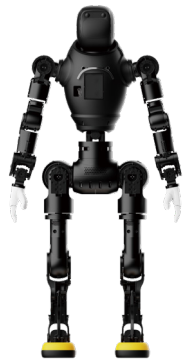


Robotics STEM Education



Assembly, Debugging, and Maintenance Training

AGIBOT X2 Specifications

	 **AGIBOT X2 Ultra (New Version)**	 **AGIBOT X2 Neo**	 **AGIBOT X2 REC**	 **AGIBOT X2 EDU**
Height	131cm	131cm	131cm	130 cm (including dummy head)
Weight	39kg	35kg	40kg	35kg
Max Walking Speed	2m/s	2m/s	2m/s	1.8m/s
Max End-Effector Payload	3kg	3kg	3kg	3kg
Full-Body DOFs	31	30	31	29
DOFs per Arm	7	7	7	7
Standard Battery Life	2h	2h	2h	2h
Battery Capacity	500Wh	500Wh	500Wh	500Wh
Intelligent Perception	Interactive RGB Camera Binocular RGB Camera RGBD Camera Rear-View Camera LiDAR	Interactive RGB Camera	Interactive RGB Camera Binocular RGB Camera Head RGBD Camera Wrist RGBD Camera Rear-View Camera LiDAR	Supports retrofitting
Compute Module	NVIDIA Orin NX 16GB	RK3588 (Motion Control) RK3588S (Interaction)	NVIDIA Orin NX 16GB	RK3588x1
Built-in Motion Skills	/	Yes	/	/
Proactive Interaction	Yes	Yes	Yes	/
Secondary Development	Yes	/	Yes	Yes
Full-Stack Disassembly and Assembly	/	/	/	Head Module Torso Module PowerFlow Joint Actuators Arms and Legs End-effector grippers are independently detachable
End-Effector	Optional OmniHand/OmniPicker	/	Optional OmniHand/OmniPicker	/
VR Teleoperation	Optional VR Headset Controllers Motion Tracker Kit	/	Optional VR Headset Controllers Motion Tracker Kit	/

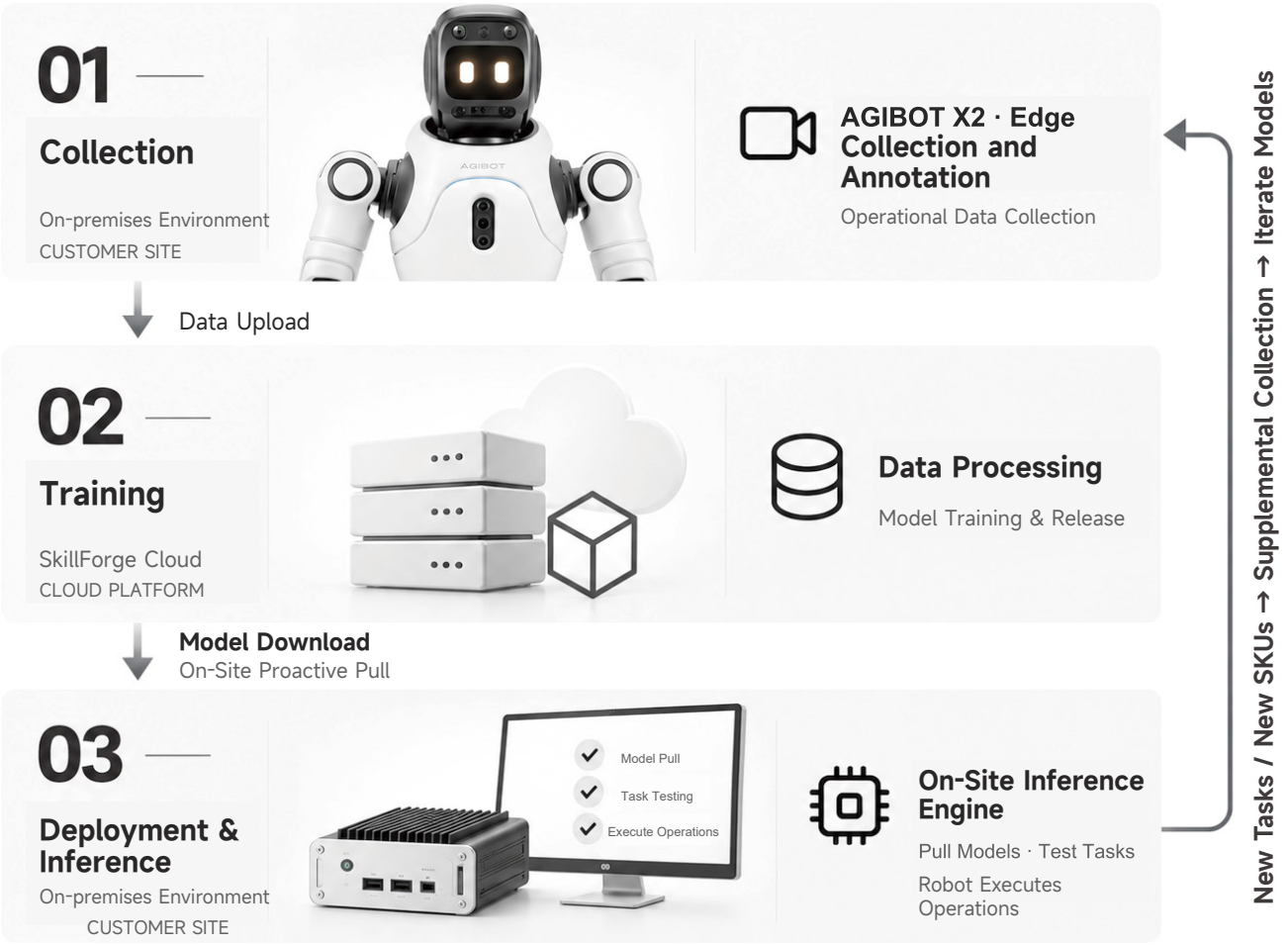
SkillForge

Skill Factory | Integrated Closed Loop of Collection, Training, and Deployment

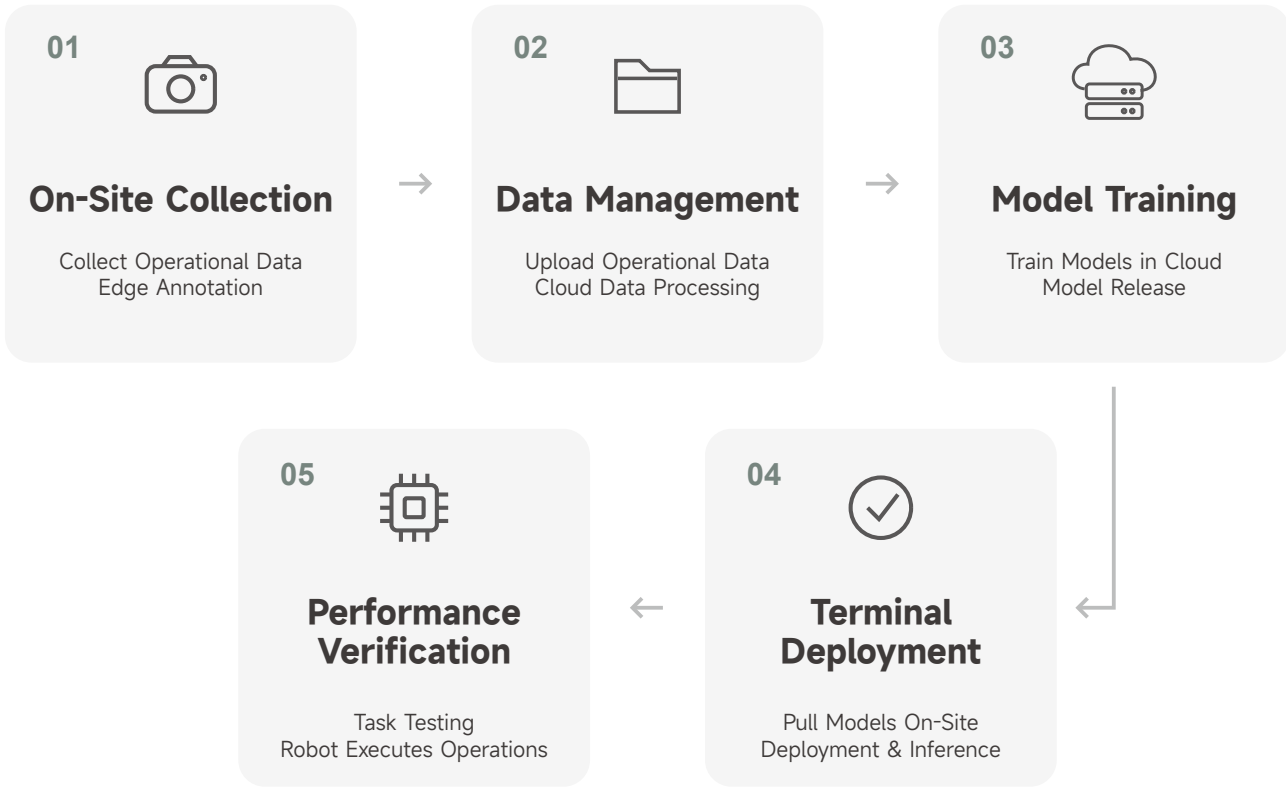
Transforming On-Site Operational Experience into Robot-Executable Skills

SkillForge is a skill factory designed for building robot operational capabilities, bridging on-site collection, cloud training, and on-site deployment inference. Customers autonomously collect and annotate operational data, uploading it to the cloud for data processing, model training and release; on-site inference engines then pull the model to test tasks and drive robots to execute operations. Continuously augment data on new tasks and new SKUs to iterate models, progressively expanding robot skills.

01 Overall Platform Framework



02 Skill Production Process



03 Core Values

Autonomous Collection

Customer Autonomous Collection
Accumulate On-Site Experience

Closed-Loop Integration

Connecting Collection, Training, and Deployment
Forming a Closed Loop for Skill Production

On-Site Deployment

Model Testing & Inference
Transforming into Real Operations

Continuous Iteration

Augment Real Operational Data
Continuously Iterate Models

Capability Expansion

Learn New Tasks
Expand Robot Skills

AGIBOT D1 Series

D1 MaxPro | D1 Max | D1 Ultra/D1 Ultra-W

D1 Pro/D1 Edu

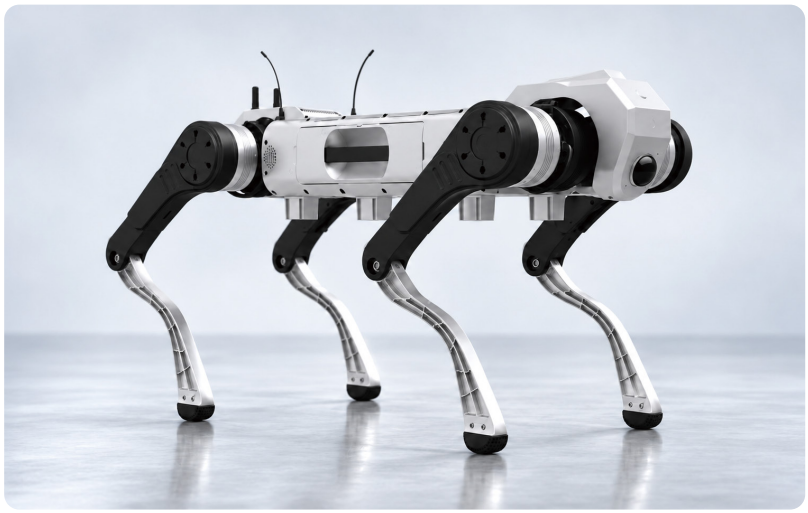


D1 MaxPro

Heavy-Duty Large Quadruped Robot

Built-in reinforcement learning motion control algorithms and environmental perception modules, effortlessly handling heavy-payload transportation and emergency rescue missions.

Key Features







Extended Duration 50 kg Ultra-Heavy Payload

Meets demanding scenarios including large payload mounting, overweight transport, and material handling

2081 Wh battery Ultra-Long Endurance

2 h operational output under rated payload, 5.5 h operational output under no load; supports quick-release and fast battery swap.

Exceptional Mobility Adaptation to Diverse Complex Terrains

Reliably climbs industrial stairs and traverses single-step obstacles up to 30 cm, with outstanding obstacle-clearing capabilities to penetrate complex scenarios and operational blind spots

IP67 Industrial Protection Superior Environmental Adaptability

Operates normally from -20°C to 55°C, maintaining stable performance in severe weather

Specifications

50kg	30cm	68kg	2h	3m/s	45°
Rated Payload	Continuous Stair-Climbing Height	Weight	Load Endurance	Max Speed	Max Climbing Angle

Typical Scenarios



Logistics Transportation Last-mile delivery



Emergency Rescue Fire reconnaissance, emergency communications



Heavy-Duty Operations Equipment haulage, logistics support

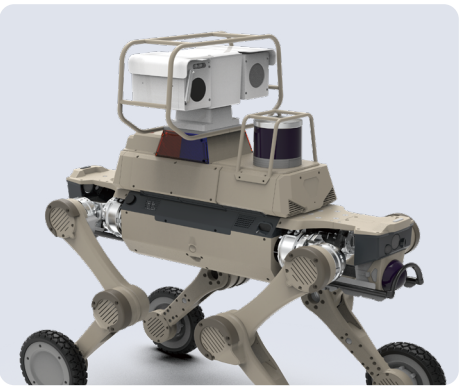
D1 Max

Industry-Grade Medium Quadruped Robot

Built-in reinforcement learning motion models provide automatic impact resistance, disturbance rejection, and dynamic adaptation for industrial inspection and Security patrol.

Key Features





Enterprise-Grade Reliability All-Weather Stable Operation

IP67 high protection rating supports long-term outdoor and industrial operations, minimizing downtime and maintenance costs

Strong Continuous Operation Capability Minimized Manual Intervention

Extended range: up to 5 h and 29 km without payload; up to 3.5 h and 18 km with full payload

Robust Payload Capacity Adaptable to Multi-Industry Payloads

25 kg rated payload, effortlessly handling diverse industrial payload operations

Equipped with rich communication, power, and control interfaces, supporting flexible secondary development and deep industry integration

High Mobility & Superior Task Completion

Intelligent wheel-leg switching with broad operational coverage: wheeled mode offers smooth, high-efficiency long endurance, while legged mode delivers exceptional terrain traverse across diverse surfaces

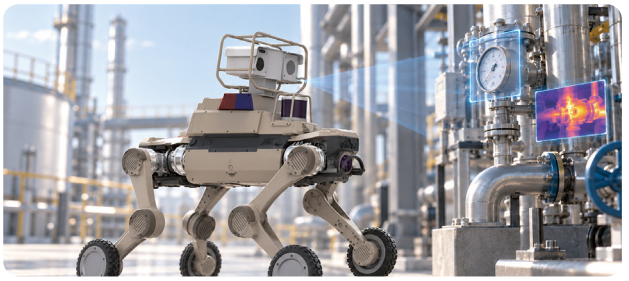
Suitable for Scaled Deployment

Dual-battery hot-swapping design substantially reduces downtime and enhances long-term operational availability

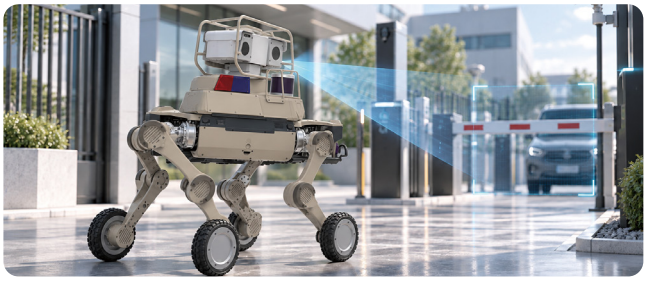
Specifications

504.9Wh*2	25cm	41kg	3.5h	6m/s	45°
Battery Module	Continuous Stair-Climbing Height	Weight	Load Endurance	Max Speed	Max Climbing Angle

Typical Scenarios



Industrial Inspection Meter reading, defect detection, and temperature anomaly recognition



Security Patrol Security screening, on-site control, and key checkpoint surveillance

D1 Ultra/D1 Ultra-W

Industry-Grade Small Quadruped Robot

Embedded reinforcement learning motion algorithms, adapting to diverse road surfaces. Applied in security patrols, education & research, and safety inspection scenarios.

Key Features

Dustproof and Waterproof High-Standard Architectural Design

High dust and water protection ratings, aluminum alloy vacuum die-casting process, lightweight design, with core components treated with sealed protection and anti-corrosion coating

Powerful Mobility Conquer Diverse Complex Terrains

RL-based gait control adapts to complex terrains and diverse surfaces, featuring self-balancing, anti-tipping, and disturbance rejection capabilities

High-Performance Motor Impact-Resistant & Calibration-Free

48 N·m peak torque, dual-encoder controllers, no zero-position calibration required, ready to use upon startup.

Flexible Development Adaptable to Various Modules

Provides standardized interfaces adaptable to multiple upper payload modules for multi-scenario applications; open secondary development SDK supports payload integration

Specifications



	D1 Ultra Point-Foot Robot	D1 Ultra-W Wheeled-Legged Robot
Ingress Protection Rating	**IP54**	**IP54**
Weight	**16kg**	**22kg**
Load Endurance	**1h**	**1h**
Range	**6km**	**9km**
Continuous Stair-Climbing Height	**16cm**	**16cm**
Jump Clearance Height	**35cm**	**35cm**
Rated Payload	**5kg**	**5kg**

Typical Scenarios



Security Patrol

Security screening, on-site control, and key checkpoint surveillance



Utility Tunnel Inspection

Cable temperature measurement and jacket damage detection



Research & Education

Provides full-spectrum technical support to assist users in building robotic research frameworks

D1 Pro/D1 Edu

Intelligent Small Quadruped Robot

Embedded reinforcement learning motion algorithms, adapting to diverse complex terrains. AGIQUAD D1 Pro is applied in commercial performance and entertainment scenarios; AGIQUAD D1 Edu adds secondary development interfaces to serve scientific research & education scenarios.

Key Features





Powerful Dynamic Performance Multi-Terrain Adaptation

Real-time dynamic adjustments via RL gait algorithms deliver self-balancing, anti-tipping, and disturbance rejection

High-Performance Motor, High Torque Impact-Resistant & Calibration-Free

48 N·m peak torque handles complex terrains and high-load movements

Millions of impact tests ensure superior durability for high-frequency, high-intensity operations

Dual-encoder controllers eliminate zero-position calibration for instant startup

Flexible Development Adaptable to various modules and upper payload integration

Standardized expansion interfaces; Edu version supports secondary development and customized modification

Specifications

5kg	16cm	15.5kg	1-2h	3.5m/s	35cm
Rated Payload	Continuous Stair-Climbing Height	Weight	Standard Battery Life	Max Speed	Jump Height



Commercial Performances

Swarm performances, paid rentals



Entertainment & Interaction

Dog-fighting, jumping, backflip front-leap, two-legged standing



Research & Education

Provides full-spectrum technical support to assist users in building robotic research frameworks

OmniHand Series

OmniHand 3 Lite | OmniHand 3 | OmniHand 3 Ultra

OmniGlove | OmniPicker 3

OmniHand 3 Ultra
Fully Direct-Drive Flagship Dexterous Hand

OmniHand 3
General-Purpose Dexterous Hand

OmniPicker 3
Industrial Embodied Gripper

OmniHand 3 Lite
Lightweight Dexterous Hand

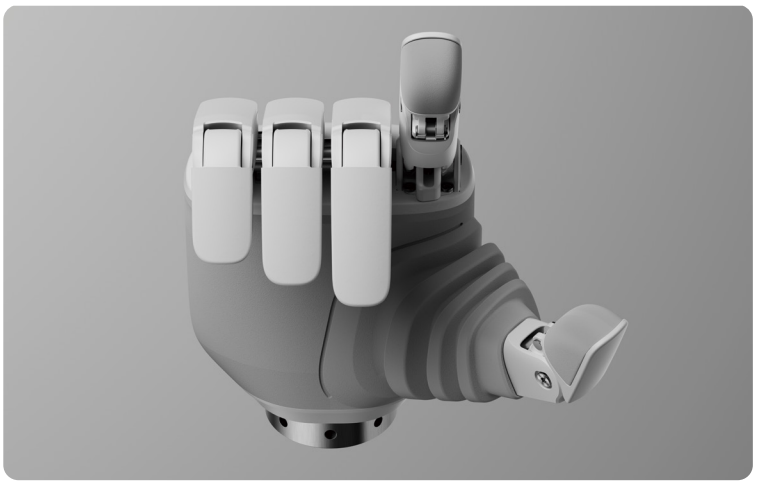


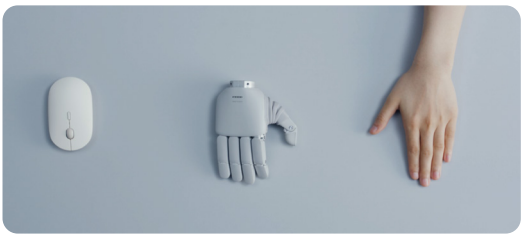
OmniHand 3 Lite

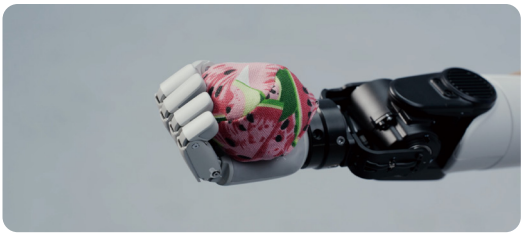
Compact Frame · Built to Last

A mass-produced compact dexterous hand, custom-built for half-size and small humanoids as well as compact service robots.

Product Highlights







Compact, Lightweight, and Cost-Effective

Mouse-sized hand weighing just 350 g, supporting thumbs-up, fist, high-five, and other mainstream interaction gestures.

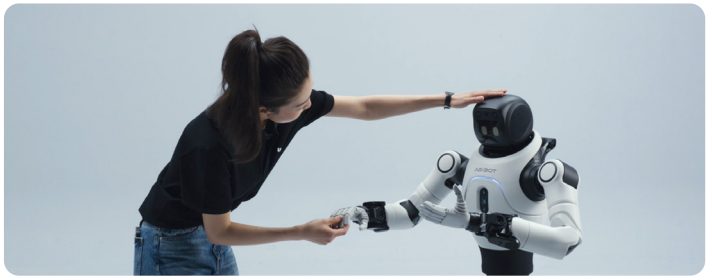
Industrial Durability for High-Dynamic Motion

Aviation-grade alloy skeleton with one-piece silicone encapsulation maintains stability and reliability during single-arm cartwheels, handstands, and other dynamic motions.

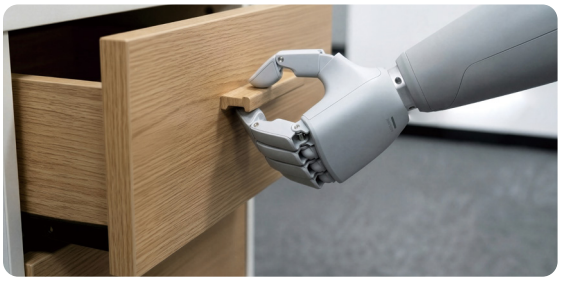
Flexible Expansion & Convenient Data Collection

Optional tactile modules and fisheye cameras adapt to embodied AI data collection and algorithm training.

Typical Scenarios



Human-Robot Interaction Scenarios Mainstream Gesture Interaction



Light Manipulation Tasks Pick & Place | Tool Manipulation

Specifications

350g	0.5s	±0.5mm	0.1N
Weight	Opening/Closing Response Time	Repeatability	Force Sensing Resolution

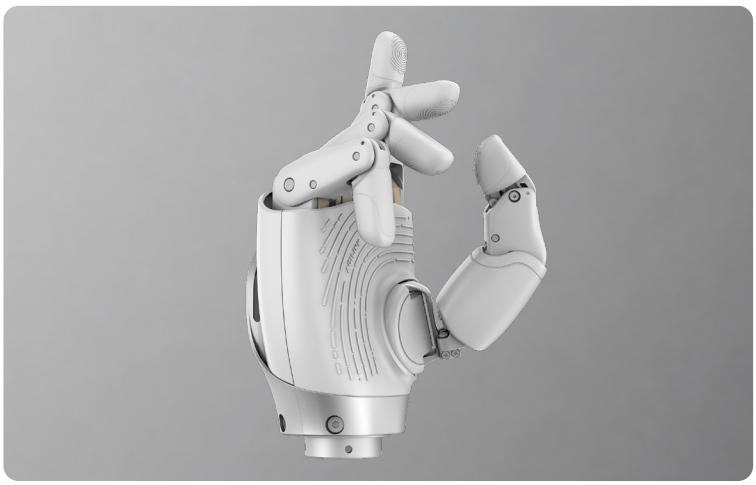
Tactile Sensing (Optional) **1D tactile sensing** (five fingertips and palm, with index finger and thumb covering fingertip sides)		DoF **4 active + 7 passive**	Max Payload **1kg**
Dimensions **140*71*32.5mm**	Max Fingertip Force **7.5N**	Communication Interface **CANFD/RS485**	Sensing Range **0~25N**

OmniHand 3

High Perception · High Integration

A highly integrated tactile dexterous hand designed for service interaction, scientific research & education, and light manipulation.

Product Highlights





Fast Integration & Efficient Deployment

Weighing only 570 g with a compact design, it is compatible with mainstream humanoid/collaborative robots and mobile manipulation platforms for rapid integration.

Versatile Interaction Beyond Grasping

10 active DoF and 6 passive DoF, covering common gestures and a comprehensive grasping taxonomy.

Distributed Tactile Sensing Across Whole Hand Including Hand Back

268 sensing points cover fingertips, palm, and dorsal hand for safer and more compliant interaction with humans and objects.

Typical Scenarios



Interactive Service Scenarios

Gesture interaction / rock-paper-scissors / touch interaction



Scientific Research & Education Scenarios

Mobile manipulation / algorithm training



Light Manipulation Scenarios

Grasping items / delivering documents

Specifications

570g	10 active + 6 passive	268 sensing points	0.1N
Weight	DoF	Number of Array Sensors	Force Sensing Resolution

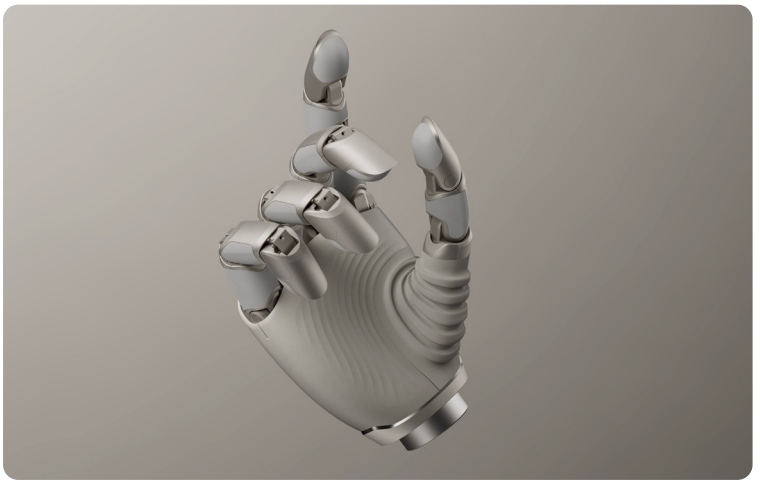
Force Sensing Type 1D (fingertips + palm + hand back)	Opening/Closing Response Time 0.5s	Dimensions 189*85*39mm
Payload Whole hand payload 3 kg	Communication Interface CANFD/RS485	Repeatability ±0.3mm

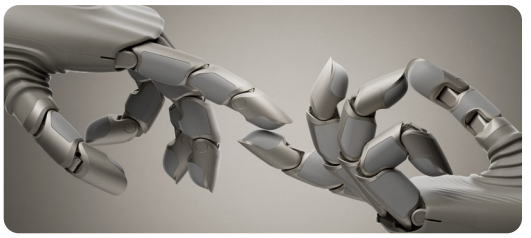
OmniHand 3 Ultra

Fully Direct-Drive · Flagship Level

A flagship dexterous hand engineered for cutting-edge dexterous manipulation R&D and contact-rich manipulation. Custom-designed for embodied AI model training, teleoperation teaching and data collection, and bimanual contact-rich collaborative tasks.

Product Highlights







Human-Hand Proportions, Flagship Power

21 active DoF, 630 g total weight, 1:1 human hand proportions. High torque density design, no compromise on performance in a compact form factor.

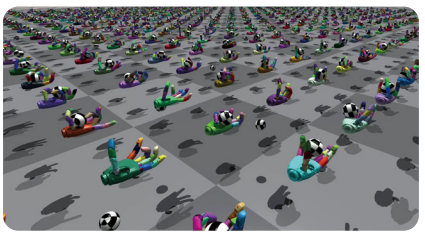
Fully Direct-Drive Joints, Direct Data Reading

Repeatability ±0.1 mm, covering the full workspace. Joint positions are read in real time by encoders; force/torque data is obtained through verified sensing or estimation methods, supporting synchronous recording of control commands and joint state feedback.

Millinewton-Level Visuotactile Sensing

Normal force resolution of 0.005 N (typical), spatial resolution of 0.04 mm, sensing density of ~50,000 points/cm², identifying micro-displacements in advance to support predictive grasping.

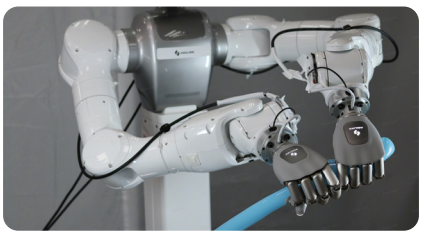
Typical Scenarios



Embodied AI Training



Teleoperation & Data Collection



Bimanual Contact-Rich Manipulation Research

Specifications

Fingertip Tactile Sensing

Sensing Approach	Force Measurement Range	Force Sensing Resolution	Spatial Resolution	Deformation Field Measurement Accuracy
Visuotactile Sensing	0-30N	0.005N	0.04mm	0.08mm

Palm Tactile Sensing

Sensing Approach	Force Sensing Resolution	Number of Tactile Pixels
3D tactile sensor	0.1N	300

DoF	Repeatability	Dimensions	Weight	Five-Finger Grasping Payload
21 active DoF	±0.1mm	205*93*50mm	630g	5kg

Opening/Closing Response Time	Communication Interface	Compatibility
0.3s	CANFD/Ethernet	ROS2 · NVIDIA Isaac · MuJoCo · SDK in Python and C++

OmniPicker 3

Industrial-grade ·Embodied Gripper

An industrial-grade force-controlled gripper engineered for industrial manipulation and embodied AI training, adapted to embodied AI workflows, contact-rich operations, and high-volume manipulation tasks across logistics sorting, retail, and data collection.

Product Highlights







Industrial Reliability with Strong Clamping for Stable Operation

Max clamping force reaches 140 N, validated through one million loaded cycles to stably support embodied AI training and deployment.

Adaptive Grasping

Force sensing resolution reaches 0.1 N, meeting adaptive clamping force requirements for standard parts, irregular workpieces, and fragile items.

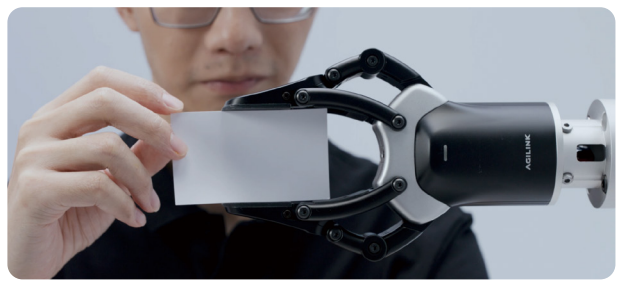
Open & Compatible Data Collection Ecosystem

Natively UMI-compatible with optional depth or fisheye cameras, supporting scaled collection of high-quality manipulation data.

Typical Scenarios



Industrial & Logistics Scenarios Grasping of Standard and Irregular Parts



Data Collection Grasping Data | Force Control Data

Specifications

<800g	140N	±0.1mm	CANFD/ RS485
Weight	Max Force	Repeatability	Communication Interface

Payload	Max Stroke
3 kg (rated); 5 kg (max)	110±5mm

OmniGlove

Teleoperation · Data Collection · Integrated Glove

A fully proprietary data glove integrating high-precision motion capture and teleoperation; the Pro version adds full-hand tactile sensing. Engineered for dexterous hand teleoperation on physical robots, multimodal data collection, and human-robot interaction experiments, equipped with a Windows host PC app that unifies visualization, calibration, recording, playback, and teleoperation in a single workflow.

Product Highlights

Accurate Tracking with Robust Anti-Interference

6 EMF + 7 IMU fusion tracking with built-in magnetic immunity algorithms, optimized for electromagnetic, metallic, and bimanual interference.

Whole-Palm Tactile Sensing for Comprehensive Contact Data PRO

746 sensing points per hand covering 17 areas, with 0.1 N resolution, <3 mm spatial resolution, and strict temporal alignment between tactile and pose data.

Fully Proprietary, Effortless Data Collection & Teleoperation Integration

Built-in calibration, recording, playback, and teleoperation, with 10–15s fast calibration; unified wrist and finger kinematics solution, adapted to teleoperation for OmniHand 3 / OmniHand 3 Lite / OmniHand 3 Ultra dexterous hands.



Version Selection

OmniGlove
Standard Edition

Motion Capture
Teleoperation

Applicable to: Dexterous hand teleoperation, hand motion data collection

- 6 EMF + 7 IMU fusion tracking, magnetic immunity optimization
- Full workflow of calibration, recording, playback, and teleoperation
- 21 joint angles · 21 keypoints · 5 fingertip poses

OmniGlove Pro
Tactile Edition

Motion Capture
Whole-Palm Tactile Sensing
Teleoperation

Applicable to: Contact-rich data collection, tactile and human-robot interaction experiments

- Includes all capabilities of the Standard Edition
- 746 sensing points / 17 zones, 0–20 N
- Strict temporal alignment between tactile and pose data

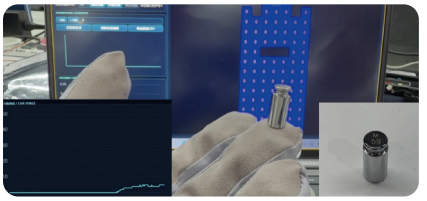
Typical Scenarios



Dexterous Hand Teleoperation on Embodied Robots



Ego Multimodal Data Collection



Data Collection & Human-Robot Interaction Experiments

Specifications

Motion Capture Common to Both Models

6EMF+7IMU	≤1mm	≤1.5°	10ms
Perception Module	Positioning Accuracy	Orientation Accuracy	Motion-to-Data Latency

Whole-Palm Tactile Sensing Pro Only

746 points / 17 zones	0–20N	0.1N	<3mm
Tactile Sensing Points	Measurement Range	Force Resolution	Spatial Resolution

General Parameters

125 Hz (EMF/tactile) · 1000 Hz (IMU)	≤150 g (including cable)	10–15s	M (L size coming soon)
Output Rate	Weight	Calibration Time	Size
21 joint angles · 21 keypoints · 5 fingertip poses	USB / 5V wired power supply	OmniHand 3 / 3 Lite / 3 Ultra	
Hand Kinematics Output	Connectivity & Power Supply	Teleoperation Adaptation	

AGIBOT Maniformer Series

MEgo Gripper | MEgo View



MEgo Gripper

Handheld Disembodied Grasping & Interaction Data Collection Terminal
High-fidelity, high-precision, all-scenario data collection



Product Highlights



High-fidelity multimodal data collection

Full-channel 2M @ 60 fps captures real-world physical interaction details, providing rich material for physical AI.



Sub-millisecond global synchronization guarantees precise multimodal data alignment

Synchronous multi-sensor data acquisition aligns vision, tactile sensing, and pose information to prevent data misalignment.



Lightweight design, burden-free mobile collection

Lightweight and portable body with quick-swappable batteries, untethered from cables to start collection anytime, anywhere.



Millimeter-level precision capture, high trajectory reconstruction accuracy

Accurately records motion trajectories in real environments, fully reconstructing diverse grasping operations.



One-stop high-quality data governance

End-to-end data engine completes trajectory reconstruction, quality inspection, and annotation in the cloud.

Specifications

Basic Specifications

Gripper type: two-finger, 3D tactile gripper (supports quick swapping)
Weight: 587 g (Ultra Edition) / 540 g (Standard Edition)
Battery life: 2.5 hours (supports quick swap)
Data: supports local storage + direct cloud transmission
Communication: Wi-Fi 6, USB 3.0
Synchronization: sub-millisecond multi-device wireless time synchronization
Trajectory accuracy: millimeter-level spatial positioning accuracy

Sensor Specifications

Fisheye FOV: 177° (H) x 140° (V)
Binocular FOV: 111° (H) x 68° (V)
Resolution @ frame rate: 2M @ 60 fps
Shutter type: global shutter
IMU type: automotive-grade 9-axis
IMU frame rate: 1000 Hz
Tactile array spatial resolution: 1.6 mm
Tactile array force resolution: 0.05 N

Output Data

3-Camera RGB Images
Depth Information
IMU (Inertial Measurement Unit) Data
Spatial Positioning Trajectory
Microphone Audio
Tactile Information
Gripper Angle
Gripper Opening Distance

MEgo View

Head-Mounted Omnidirectional Vision Data Collection Terminal
All-domain spatial awareness, multi-viewpoint data collection





Product Highlights



Synchronous dual-view capture accurately records interaction details

Dual perspectives of "over 300° panoramic field of view" and "wrist interaction close-up" deliver full-channel 2M @ 60 fps HD video streams, accurately capturing complex environments and manipulation details.



Precise multi-stream data alignment

Sub-millisecond global synchronization with hardware-level camera synchronous triggering.



Wireless design and quick battery swapping lower operational barriers

Creating accessible, low-barrier data production infrastructure for all.



Deep collaboration with MEgo Gripper to construct comprehensive datasets

Precise spatio-temporal alignment of multimodal data streams constructs complete, coherent human manipulation datasets.



One-stop high-quality data governance

End-to-end data engine performs cloud-based trajectory reconstruction, human pose information extraction, quality inspection, and intelligent annotation.

Specifications

Basic Specifications

Head cameras: 3 fisheye cameras, 1 set of binocular cameras
Wrist cameras: 1 wide-angle camera on each of left and right wrists
Head fisheye FOV: 180° (H) x 136° (V)
Head binocular FOV: 140° (H) x 111° (V)
Wrist wide-angle FOV: 140° (H) x 111° (V)
Resolution @ frame rate: 2M @ 60 fps
Shutter type: global shutter

Sensor Specifications

Communication: Wi-Fi 6, USB 3.0
Synchronization: sub-millisecond multi-device wireless time synchronization
Battery life: 2 hours (supports quick battery swapping)
Data: supports local storage + direct cloud transmission
IMU type: automotive-grade 9-axis
IMU frame rate: 1000 Hz

Output Data

7-Camera RGB Images
Depth Information
IMU (Inertial Measurement Unit) Data
Spatial Positioning Trajectory
Microphone Audio
Human Pose Information

AGIBOT C Series

AGIBOT C5 | AGIBOT C4 | AGIBOT C2 | AGIBOT C2P



AGIBOT C5

Heavy-Duty Cleaning Specialist for Medium-to-Large Spaces

A heavy-duty, long-endurance intelligent cleaning robot engineered for medium-to-large hard surface scenarios such as factories, transit hubs, hypermarkets, and commercial complexes

Key Features



High-efficiency cleaning for large spaces

550 mm ultra-wide scrubbing width delivers greater cleaning coverage, cutting time in half for the same area with maximum efficiency of 1980 m^2/h



Efficient Cleaning of Heavy Dirt and Stubborn Stains

Dual roller brushes integrate sweeping and scrubbing with 25 kg downforce pressure to remove stubborn stains



95% debris collection rate

Sweep, scrub, and vacuum in one step;
dual-chamber suction minimizes residual water



Extended-Duration Operation

90 L large water tank for extended-duration operation, with 3-hour scrubbing endurance



Stable navigation across complex environments

LiDAR and visual fusion SLAM supports missed-area resweeping and edge-to-edge cleaning



High unmanned autonomy, fully automated maintenance

Auto charging, auto refill & drain, 4-minute dirty water tank self-cleaning, with access control and elevator linkage

AGIBOT C4

Heavy-Duty Cleaning Specialist for Small-to-Medium Spaces

An all-in-one cleaning robot tailored for small-to-medium, narrow-aisle, and dynamically changing scenarios such as supermarkets, hotels, office buildings, showrooms, and factory warehouses

Key Features





Front sweep and rear scrub, completed in a single pass

Integrated sweeping, scrubbing, and dust mopping with high debris collection rate



High-Efficiency Operation & Fast Recharging

Efficiency up to 1400 m^2/h, 3-hour endurance, 1.5-hour charging time



Reliable Navigation in Changing Environments

Multi-line LiDAR and visual SLAM fusion positioning with automatic map updates



Full-Chain Self-Cleaning

Roller brushes, squeegees, dirty water tanks, and docking stations feature self-cleaning with automated clean water and detergent refill, reducing daily maintenance



Low Maintenance Cost

Over 90% of faults can be self-diagnosed

AGIBOT C2

Low-Profile Agile Cleaning Specialist for Compact Spaces

Engineered for 500–1000 m^2 compact scenarios such as office buildings, hotel apartments, and retail stores, especially suited for lightweight unattended cleaning under desks, shelves, and mixed carpet-hard floor areas.

Key Features



Agile Scenario Penetration Deep Cleaning

39 cm ultra-narrow body with 30 cm low-profile clearance, navigating freely under desks and shelving areas





Smart Stain-Aware Cleaning

Autonomously recognizes debris types and stain levels to dynamically adjust cleaning strategies

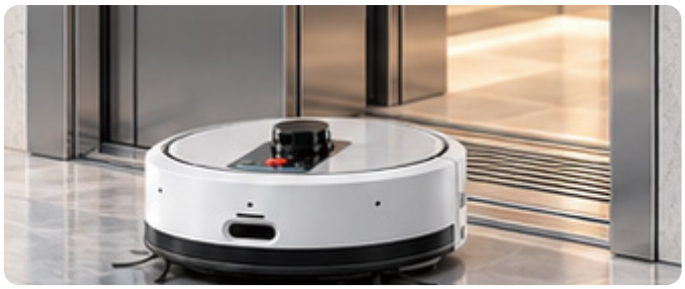


Three Cleaning Modes in One Machine

Automatic switching between dust mopping, vacuuming, and wet mopping

High-Efficiency Coverage for Compact Spaces

Working efficiency 300–700 m^2/h, 4-hour endurance



Cross-Floor Continuous Operation

Autonomous elevator riding, turnstile crossing, and access control passage with cloud management



Low Maintenance Cost

Self-drying technology + auto dust collection / auto refill & drain / auto charging

AGIBOT C2P

4-in-1 Cleaning Specialist for Mixed Flooring

Engineered for compact mixed-floor scenarios such as hotels, supermarkets, office buildings, office lobbies, and showrooms, featuring roller brush scrubbing, automatic carpet adaptation, and deployment without fixed plumbing.

Key Features



4-in-1 Versatility

Automatic switching across sweeping, vacuuming, dust mopping, and roller brush scrubbing



Hard Floor / Carpet Seamless Switching

Intelligently identifies carpets with automatic roller brush lifting to prevent secondary carpet contamination



Low-Noise Night Cleaning Without Disturbance

Wet mopping noise under 62 dB, ideal for nocturnal cleaning in hotels and offices



Deployable Without Fixed Plumbing

Deployable mobile water station expands application scenarios



Digital Management

Supports elevator/turnstile linkage, remote dispatch, and multidimensional data analytics



Automated Maintenance & Cleaning

Supports auto charging, auto refill & drain, and docking roller self-cleaning

AGIBOT C Series Model Comparison

	AGIBOT C5	AGIBOT C4	AGIBOT C2	AGIBOT C2P
				
Product Positioning	Medium-to-Large Scenario Intelligent Cleaning Equipment	Small-to-Medium Scenario Intelligent Cleaning Equipment	Indoor Compact Commercial Cleaning Robot	Indoor Compact Commercial Cleaning Robot
Applicable Facility Scale	Medium-to-Large Facilities	Small-to-Medium Facilities	500–1000 m² Compact Facilities	500–1000 m² Compact Facilities
Typical Application Scenarios	Factories Transit Hubs Commercial Complexes Hypermarkets Healthcare & Education Facilities Lobbies	Subway Stations Factory Warehouses Hotels Supermarkets Office Buildings Showrooms & Retail Stores	Supermarkets Office Buildings Hotel Apartments Retail Stores Showrooms Office Lobbies	Supermarkets Office Buildings Hotel Apartments Retail Stores Showrooms Office Lobbies
Applicable Flooring Types	Epoxy Flooring Marble Ceramic Tile Terrazzo Emery PVC	Epoxy Flooring Marble Ceramic Tile Emery PVC	Carpet Marble Ceramic Tile PVC	Carpet Marble Ceramic Tile PVC
Cleaning Modes	Sweeping Scrubbing Dust Mopping	Sweeping Scrubbing Dust Mopping	Dust Mopping Vacuuming Wet Mopping	Sweeping Vacuuming Dust Mopping Scrubbing
Cleaning Efficiency	Up to 1980 m²/h	Up to 1400 m²/h	300–700 m²/h	180–250 m²/h

AGIBOT C Series Specifications

	AGIBOT C5	AGIBOT C4	AGIBOT C2	AGIBOT C2P
Robot Specifications				
Overall Dimensions / Specifications	820×680×1130mm	680×510×1015 mm	520×510×278 mm	520×510×680 mm
Total Weight	170 kg	140 kg	17.5 kg	22.5 kg
Debris Collection Rate	95%	95%	95%	95%
Battery Specifications	24V 80Ah	24V 60Ah	25Ah	23Ah
Walking Speed	1.0 m/s	1.2 m/s	0.4–0.6 m/s	0.4–0.6 m/s
Gradeability	5° under full load / 8° under no load	5° under full load / 8° under no load	10°	8°
Obstacle Clearance Height	15 mm	15 mm	30 mm	30 mm
Endurance	Scrubbing 3 h	Scrubbing 3 h / dust mopping 8 h	Scrubbing 4 h	4 h
Charging Time	1.5 h	1.5 h	2 h	2 h
Dustbin Capacity	1.8 L	1.6 L	1.3 L	1.3 L
Clean Water Tank Capacity	90 L	25 L	4 L	4 L
Dirty Water Tank Capacity	45 L	25 L	3.5 L	3.5 L
Dirty Water Tank Self-Cleaning	Supported	Supported	—	—
Scrubbing Width	550 mm	380 mm	370mm	370mm
Cleaning Width	840 mm (side brush)	600 mm (side brush)	390 mm	390 mm
Squeegee Width	730 mm	540 mm	—	—
Edge Cleaning Distance	0 cm	0 cm	≤50 mm	<50 mm
Min Aisle Width	900 mm	600 mm	—	—
Min Clearance Height	—	—	300 mm	700 mm
Turning Radius	1720 mm	800 mm	—	—
Downforce Pressure	25 kg	25 kg	—	—
Operating Noise	<68 dB(A)	<65 dB(A)	< 62 dB	< 62 dB
Suction Fan Lifespan	10000 h	—	—	—
Docking Station Specifications				
Docking Station Water Tank Capacity	8 L	4 L	—	—
Docking Station Dustbin Capacity	—	—	10 L	10L
Clean Water Refill Speed	7–10 L/min	5–8 L/min	—	—
Dirty Water Drain Speed	10–15 L/min	4–8 L/min	—	—
Max Power	1800 W	1200 W	400W	400W
Rated Input Voltage	200–240 V	200–240 V	200–240 V	200–240 V
Automation Features	Auto charging, auto refill & drain, dirty water tank self-cleaning	Auto charging, auto refill & drain, auto detergent refill; self-cleaning for roller brush module, squeegee, dirty water tank, and docking station	Auto charging, auto refill & drain, auto dust collection, mop drying	Auto charging, auto refill & drain, docking roller self-cleaning; deployable mobile water station

AGIBOT Official Website

WeChat
Official Account

AGIBOT Innovation (Shanghai) Technology Co., Ltd.