ROBOTIX MARKET

PRODUCT BROCHURE
2026 edition



Unitree Go2-W

WHEELED QUADRUPED ROBOTS

Unitree Robotics

Go2-W Series

Unitree's Go2 on wheels: legs that climb, wheels that roll, in seven configurations

In-wheel motors and 7 in pneumatic tyres for speed on open ground, 16 joints for stairs and obstacles under 70 cm. About 18 kg, 0 to 2.5 m/s, 35° slopes.



Go2-W



With LiDAR and PTZ

Worldwide shipping from Robotix Market
robotixmarket.com

OVERVIEW

A Go2 that drives, climbs and carries

The Go2-W is Unitree's Go2 quadruped with a powered wheel at the end of each leg. On flat ground it rolls on 7 in pneumatic tyres driven by in-wheel motors; where the ground breaks up, its 16 joints lift it over stairs, kerbs and obstacles under 70 cm. Every version shares one body and battery. The versions differ in computing and in what is mounted on the back: a 40 or 100 TOPS computing module, a 3D LiDAR for mapping, or inspection payloads.

Wheels and legs

16 joint motors: 12 in the legs and 4 in-wheel motors on 7 in pneumatic tyres.

Stairs and obstacles

Climbs or drops obstacles under 70 cm and slopes up to 35°, from stairs to kerbs.

Compact and light

70 × 43 × 50 cm standing and about 18 kg with its battery.

Long-running battery

15,000 mAh smart battery for about 1.5 to 3 h; fast charger at 33.6 V, 9 A.

Built to be extended

An 8-core CPU on board plus a 40 or 100 TOPS module, and room on the back for payloads.

Open to developers

App, OTA updates, voice and secondary development; Wi-Fi 6, 4G and Bluetooth.

18 kg	70 cm	2.5 m/s	8 kg	35°
WEIGHT WITH BATTERY	CLIMB OR DROP, UNDER	TOP SPEED	PAYLOAD, MAX. ABOUT 12 KG	MAXIMUM SLOPE

Which Go2-W?

ONE BODY, THREE FAMILIES OF CONFIGURATIONS



Development

Computing for your own software

- **Standard (U1)**: 40 TOPS module, Orin Nano 8GB
- **Plus (U2)**: 100 TOPS module, Orin NX 16GB



Mapping

A second 3D LiDAR on the back

- **Smart Package (U3)**: 100 TOPS + Livox Mid-360 LiDAR
- **Ultimate Package (U4)**: 100 TOPS + Hesai XT16 LiDAR (shown)



Inspection

Camera and mission payloads

- **Inspection Package (U5)**: 100 TOPS + three-axis stabilized dual-light PTZ camera
- **Enterprise Plus**: Enterprise configuration, payload confirmed with your quotation
- **Enterprise MTptz**: Enterprise configuration with a dual-light PTZ gimbal and a remote controller with screen

U1 to U5 carry an Intel RealSense D435i depth camera and a handheld remote controller. The picture of the inspection family shows Unitree's render of a Go2-W with a 3D LiDAR and the dual-light PTZ fitted together.

Before you deploy

NOTES FROM UNITREE

A development platform

Unitree notes that some functions need manual operation or secondary development.

Not the legged Go2's app set

Dance moves, ISS 2.0 side-follow and automatic obstacle avoidance of the legged Go2 are not part of the Go2-W.

Civilian use

The Go2-W is a civilian robot: no dangerous modifications or uses, and local laws apply.

PAYLOADS

One body, four kinds of payload

Unitree builds the Go2-W as a platform: the same body takes a computing module, a 3D navigation LiDAR, an imaging dual-spectrum PTZ camera or a 3-in-1 module on its back. Each version of the family is one of these sets.



High computing power module

STANDARD (U1) · PLUS (U2) · AND U3 TO U5

40 TOPS (Orin Nano 8GB) on the U1, 100 TOPS (Orin NX 16GB) on the U2 to U5: on-board AI computing for perception, navigation and your own algorithms, next to the robot's 8-core CPU.



3D navigation LiDAR

SMART PACKAGE (U3) · ULTIMATE PACKAGE (U4)

A second 3D LiDAR on the back for mapping and navigation work: the Livox Mid-360 on the U3, the Hesai XT16 on the U4 (shown).



Imaging dual-spectrum PTZ

INSPECTION PACKAGE (U5) · ENTERPRISE MTPTZ

A stabilized pan-tilt camera with two imaging channels, in a protective frame, for remote visual inspection. Shown here next to the 3D LiDAR.



3-in-1 module

GO2-W PERIPHERAL

One of the modules Unitree shows on the Go2-W. Which module the Enterprise Plus carries is confirmed with your quotation.

Built into every Go2-W

THE PLATFORM UNDER EVERY CONFIGURATION

70 × 43 × 50 cm
Standing size

About 18 kg
With battery

16 joint motors
12 leg joints, 4 in-wheel motors

About 45 N·m
Largest joint torque

7 in tyres
Pneumatic, on in-wheel motors

3D LiDAR + camera
Super-wide-angle LiDAR, HD wide-angle camera

8-core CPU
High-performance motion computer

15,000 mAh
About 1.5 to 3 h, 33.6 V 9 A charger

The two added LiDARs

SMART PACKAGE (U3) AND ULTIMATE PACKAGE (U4)

Livox Mid-360 · U3
360° × 59° field of view, 40 m at 10 % reflectivity and 70 m at 80 %, 200,000 points per second.

Hesai XT16 · U4
360° × 30° field of view, 0.05 to 120 m, 320,000 points per second, ±1 cm accuracy.

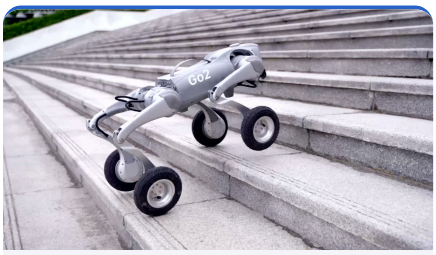
HIGHLIGHTS

Rolls where it can, climbs where it must



Wheels for open ground

In-wheel motors on 7 in pneumatic tyres take it up to 2.5 m/s; where the ground breaks up, the legs take over.



Stairs

The legs lift each wheel from step to step, so it keeps going where a wheeled robot stops.



Obstacles under 70 cm

Climbs onto and drops from obstacles under 70 cm, such as low walls, benches and kerbs.



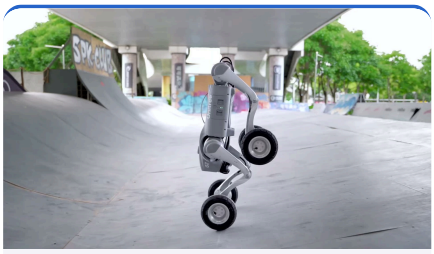
Legs that reach

With 16 joints it reaches up and over rails and ledges rather than driving round them.



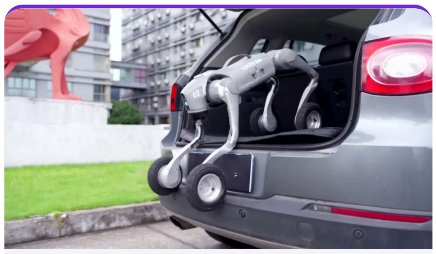
Ramps and slopes

Slopes up to 35°, driven on wheels and held with the legs.



Balance on two wheels

It can stand on its front wheels, one of the moves in Unitree's Go2-W film.



Goes where you go

About 18 kg and 70 × 43 × 50 cm: it fits the boot of a car between sites.

Operation

EVERY GO2-W

Handheld remote controller

Included with the U1 to U5; the Enterprise MTptz comes with a remote controller with screen.

App and updates

Unitree's app and over-the-air software updates.

Front lamp and voice

A front lighting lamp and voice functions on the body.

Connectivity

Wi-Fi 6, 4G and Bluetooth.

Secondary development

Open for your own software, with Unitree's development documentation.

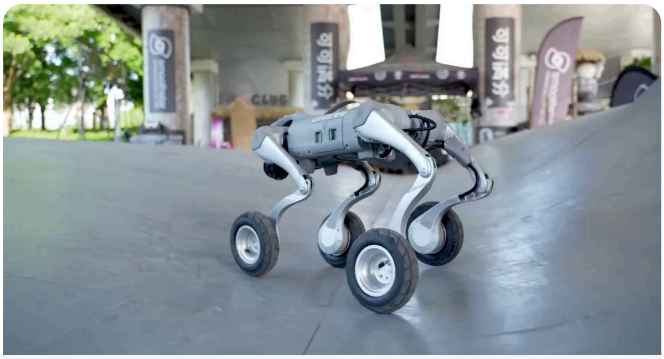
Expansion

Expansion modules of several brands and models, such as NVIDIA Jetson Orin NX.

WHERE IT WORKS

From the lab to the inspection round

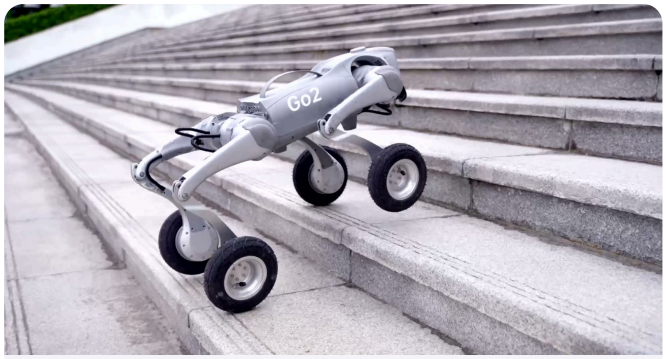
Fast on open ground and able to climb, the Go2-W suits work that crosses mixed terrain: campuses, plants, parks and university labs.



Labs and teaching

UNIVERSITIES · ROBOTICS LABS

The U1 and U2 are open platforms for locomotion, perception and embodied-AI work, with 40 or 100 TOPS on board.



Mapping and navigation

CAMPUSES · PLANTS · LARGE INDOOR SITES

The U3 and U4 add a Livox Mid-360 or Hesai XT16 LiDAR on the back for mapping and navigation development across stairs and ramps.



Inspection rounds

PLANTS · UTILITIES · INFRASTRUCTURE

The Inspection Package (U5) and the Enterprise MTptz carry a dual-light PTZ camera for remote visual checks along a route.



Enterprise configurations

SECURITY · RESPONSE TEAMS

The Enterprise Plus and Enterprise MTptz are built for enterprise users; payload, controller and package are confirmed with your quotation.

Payloads in the pictures are Unitree's own modules; what ships with each version is listed on the comparison page.

Also in the Go2 family

SCAN OR CLICK FOR THE BROCHURE

Unitree Go2 EDU series

The legged Go2 for universities and labs: 12 joints, foot-end force sensors, 40 or 100 TOPS, Mid-360 or XT16 options.

robotixmarket.com/brochures/unitree-robotics-go2-edu-standard.pdf

Unitree Go2 Enterprise series

The legged Go2 for inspection and response: screen remote controller, 5.8G and 4G video link, mission payloads.

robotixmarket.com/brochures/unitree-robotics-go2-ent-quadruped-robot.pdf

SPECIFICATIONS

The seven configurations side by side

Computing and the payload on the back set the versions apart; the Go2-W platform underneath is the same. A value shown once across a row applies to all seven.

	Go2-W Standard (U1) Development platform, 40 TOPS	Go2-W Plus (U2) Development platform, 100 TOPS	Go2-W Smart Package (U3) Adds a Livox Mid-360 LiDAR	Go2-W Ultimate Package (U4) Adds a Hesai XT16 LiDAR	Go2-W Inspection Package (U5) Adds a dual-light PTZ camera	Go2-W Enterprise Plus Enterprise configuration	Go2-W Enterprise MTptz Enterprise, dual-light PTZ
WHAT SETS THEM APART							
Unitree model	GO2W-U1	GO2W-U2	GO2W-U3	GO2W-U4	GO2W-U5	Go2-W ENT-U2	Go2-W ENT-U5
AI computing module	40 TOPS, Orin Nano 8GB	100 TOPS, Orin NX 16GB				*Confirm at quote*	
Added payload	*None*		Livox Mid-360 3D LiDAR	Hesai XT16 3D LiDAR	Three-axis stabilized dual-light PTZ camera	*Confirm at quote*	Dual-light PTZ gimbal
Depth camera	Intel RealSense D435i					*Confirm at quote*	
Remote controller	Handheld remote controller					*Confirm at quote*	Remote controller with screen
ADDED 3D LIDAR							
Field of view	*None*		360° × 59°	360° × 30°	*None*	*Confirm at quote*	
Range	*None*		40 m at 10 % reflectivity, 70 m at 80 %	0.05 to 120 m	*None*	*Confirm at quote*	
Points per second	*None*		200,000	320,000	*None*	*Confirm at quote*	
THE GO2-W PLATFORM							
Size, standing	70 × 43 × 50 cm						
Weight with battery	About 18 kg						
Joints and wheels	16 joint motors (12 leg joints, 4 in-wheel motors), 7 in pneumatic tyres						
Maximum joint torque	About 45 N·m						
Speed	0 to 2.5 m/s						
Payload	About 8 kg (max. about 12 kg)						
Climb or drop height	Under 70 cm						
Maximum slope	35°						
Motion computer	8-core high-performance CPU						
Built-in sensors	Super-wide-angle 3D LiDAR, HD wide-angle camera						
Battery and runtime	15,000 mAh smart battery, about 1.5 to 3 h						
Charger	Fast charger, 33.6 V, 9 A						
Connectivity	Wi-Fi 6, 4G, Bluetooth						
Functions	App, OTA updates, front lamp, voice, secondary development						
Manufacturer warranty	12 months						

Shared rows describe the Go2-W platform; a mounted payload adds height and weight. Unitree notes that some functions need manual operation or secondary development. For the two Enterprise configurations, the computing module, payload details, controller and package are confirmed with your quotation. LiDAR figures from Livox (Mid-360) and Hesai (XT16).

Figures: Unitree Go2-W product page and films, Unitree's Go2 product overview for the U1 to U5, Livox Mid-360 and Hesai XT16 product pages, 2026. Specifications may change; confirm at quotation.

Development: U1 or U2

- Locomotion and control work on wheels and legs
- Your own perception software on 40 or 100 TOPS
- Teaching with a robot that drives and climbs

Mapping: U3 or U4

- Mapping and navigation development
- Mid-360 for a wide vertical view (59°)
- XT16 for long range, up to 120 m

Inspection: U5 or Enterprise

- Remote visual checks with a dual-light PTZ
- Enterprise configurations for response and security teams
- Payload and controller confirmed with your quotation

NEXT STEP

Get a quotation for your Go2-W

Tell us what the robot will do, where it will work and how many you need. We will recommend the Go2-W version that fits, confirm its computing module, payload and controller, and come back with a delivery estimate to your address and a formal quotation.

Request a quotation

Version, payload and delivery are confirmed with your quotation. Robotix Market ships worldwide.

Web · robotixmarket.com
Email · info@robotixmarket.com
Phone and WhatsApp · +1 218 500 0191

SCAN OR CLICK FOR EACH VERSION

Standard (U1)	Plus (U2)	Smart (U3)	Ultimate (U4)	Inspection (U5)	Enterprise Plus	Enterprise MTptz
Product page	Product page	Product page	Product page	Product page	Product page	Product page

Useful to have ready

- The work: development, mapping or inspection
- Indoors, outdoors, terrain and stairs
- Software you plan to run on board
- Number of robots and spare batteries

Sourced new

Supplied new through established distribution channels.

Manufacturer warranty

12 months from Unitree; the terms for your country are confirmed with your quotation.

Support

Technical support is coordinated with the manufacturer's service network.

In the box

Go2-W U1 to U5: the robot, a 15,000 mAh smart battery, the fast charger (33.6 V, 9 A) and a handheld remote controller, plus the version's computing module and payload. Enterprise versions: package confirmed with your quotation.

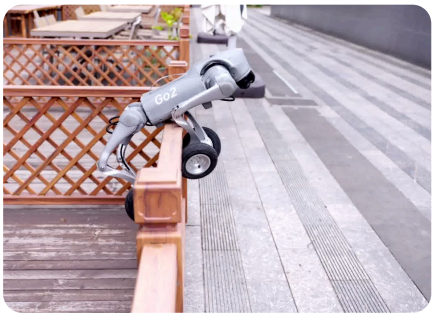
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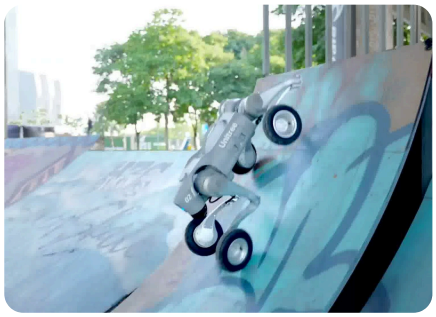
Spare smart batteries and expansion modules, such as a higher computing module, are quoted separately.

See it move

Go2-W launch film: youtube.com/watch?v=iaBDDpuJgIY







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