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2026 edition



UNITREE · QUADRUPED ROBOTS · ROBOTIX MARKET

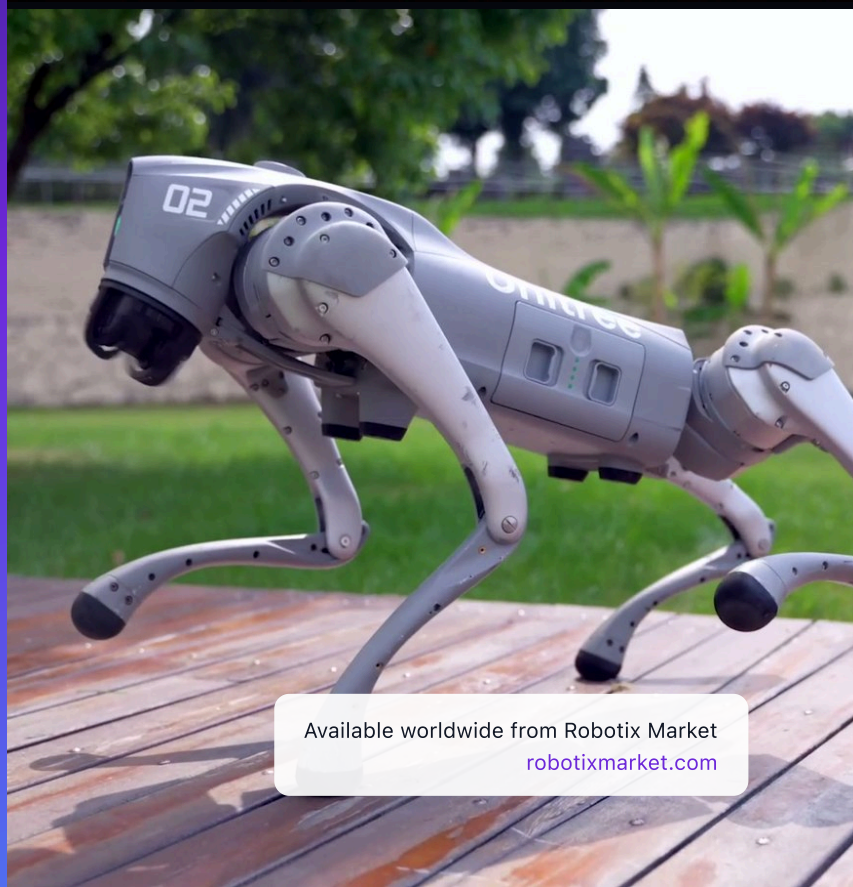
Unitree

Go2

Air · Pro · X

Unitree's consumer quadruped robot in its Go2 Air, Go2 Pro and Go2 X editions

About 15 kg, Unitree's 4D LiDAR L2 on every edition, up to 3.7 m/s, with side-follow, 4G and voice on the Go2 Pro and Go2 X.



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OVERVIEW

One body, three consumer editions

The Unitree Go2 is Unitree's consumer-grade interactive quadruped robot: about 15 kg, 12 aluminium alloy joint motors and Unitree's own 4D LiDAR L2 as standard. This brochure covers the three consumer editions, the Go2 Air, the Go2 Pro and the Go2 X. They share the body, battery, LiDAR and camera, and differ in speed, payload, computing and what is built on it: side-follow, 4G, voice and mapping.

About 15 kg, 40 cm tall

70 × 31 × 40 cm standing and 76 × 31 × 20 cm crouching, in aluminium alloy and high-strength engineering plastic: a compact quadruped for the home, the garden and the stage.

4D LiDAR L2 on every edition

Unitree's own super-wide-angle LiDAR, 360° × 96° and seeing from 0.05 m, with an HD wide-angle camera and a front lamp: the Go2 detects obstacles ahead and avoids them.

12 aluminium alloy joint motors

Heat-pipe cooled, with the wiring run inside the knee joint. Up to 2.5 m/s on the Go2 Air, 3.5 m/s on the Go2 Pro and 3.7 m/s on the Go2 X.

The Unitree Go app

Live HD image transmission, OTA upgrades and graphical programming on all three editions, over Wi-Fi 6 dual band and Bluetooth 5.2.

Smarter on the Go2 Pro and Go2 X

An 8-core CPU for advanced mode, AI mode and 3D LiDAR mapping, ISS 2.0 side-follow, a 4G module with GPS and offline voice commands.

Go2 X: the top consumer edition

The fastest and strongest of the three: up to about 12 kg, the handheld controller included, charging-pile compatible and open to partial secondary development.

~15 kg	360°	12	3.7 m/s	1 to 2 h
WITH BATTERY	LIDAR L2 VIEW	JOINT MOTORS	GO2 X SPEED	BATTERY LIFE

Which Go2?

THREE CONSUMER EDITIONS OF THE SAME BODY



Go2 Air

The entry edition

- 4D LiDAR L2, HD wide-angle camera, front lamp
- 0 to 2.5 m/s, about 7 kg payload, 30° slopes
- App control, image transmission, OTA upgrades, graphical programming
- Controller optional · 6-month manufacturer warranty



Go2 Pro

Adds intelligence and connectivity

- 8-core CPU: advanced mode, AI mode, 3D LiDAR mapping
- ISS 2.0 side-follow, 4G with GPS, voice commands
- 0 to 3.5 m/s, about 8 kg payload, 40° slopes, auto-retractable strap
- Controller optional · 12-month manufacturer warranty



Go2 X

The top consumer edition

- 8-core CPU, ISS 2.0 side-follow, 4G with GPS, voice
- 0 to 3.7 m/s, payload up to about 12 kg
- Charging-pile compatible, partial secondary development
- Controller included · 12-month manufacturer warranty

Need more?

TWO MORE GO2 FAMILIES, EACH WITH ITS OWN BROCHURE

Go2 EDU brochure

For research and development see our Go2 EDU brochure: Unitree's education and developer edition of the same robot.

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

Go2 Enterprise brochure

For industrial inspection and patrol see our Go2 Enterprise brochure: the Go2 configured for professional work.

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SIDE BY SIDE

Go2 Air, Go2 Pro and Go2 X compared

	Go2 Air The entry edition: LiDAR, camera and the app	Go2 Pro Adds the 8-core CPU, side-follow, 4G and voice	Go2 X The fastest consumer Go2, controller included
BODY			
Size, standing	70 × 31 × 40 cm		
Size, crouching	76 × 31 × 20 cm		
Weight with battery	About 15 kg		
Material	Aluminium alloy and high-strength engineering plastic		
PERFORMANCE			
Payload	**About 7 kg (max. about 10 kg)**	**About 8 kg (max. about 10 kg)**	**About 8 kg (max. about 12 kg)**
Speed	**0 to 2.5 m/s**	**0 to 3.5 m/s**	**0 to 3.7 m/s (about 5 m/s in the lab*)**
Maximum step height	**About 15 cm**	**About 16 cm**	**About 16 cm**
Maximum climbing angle	**30°**	**40°**	**40°**
JOINTS AND POWER			
Joint motors	12 aluminium alloy joint motors		
Maximum joint torque	**Confirm at quote**	**About 45 N·m**	**About 45 N·m**
Range of motion	Body −48° to 48°, thigh −200° to 90°, shank −156° to −48°		
Joint cooling and wiring	Heat-pipe cooling, intra-joint circuit (knee)		
Voltage and power	28 V to 33.6 V, about 3000 W maximum		
Smart battery	8000 mAh, about 1 to 2 h		
Charger	33.6 V, 3.5 A		
PERCEPTION AND COMPUTING			
LiDAR	Unitree 4D LiDAR L2, 360° × 96°, from 0.05 m		
Camera	HD wide-angle camera		
Obstacle detection and avoidance	Yes		
8-core CPU: advanced mode, AI mode, 3D LiDAR mapping	No	**Yes**	**Yes**
Tracking module (wireless vector positioning)	No	**Yes**	**Yes**
FEATURES			
Basic actions, front lamp	Yes		
App image transmission, OTA, graphical programming	Yes		
Wi-Fi 6 dual band, Bluetooth 5.2 / 4.2 / 2.1	Yes		
ISS 2.0 intelligent side-follow	No	**Yes, range over 30 m‡**	**Yes, range over 30 m‡**
4G module with GPS†	No	**Yes**	**Yes**
Voice: offline commands, intercom, music	No	**Yes**	**Yes**
Auto-retractable strap	No	**Yes**	No
Charging pile compatible	No	No	**Yes**
Secondary development	No	No	**Partial**
CONTROLLER AND WARRANTY			
Handheld controller	Optional	Optional	**Included**
Manufacturer warranty	**6 months**	**12 months**	**12 months**

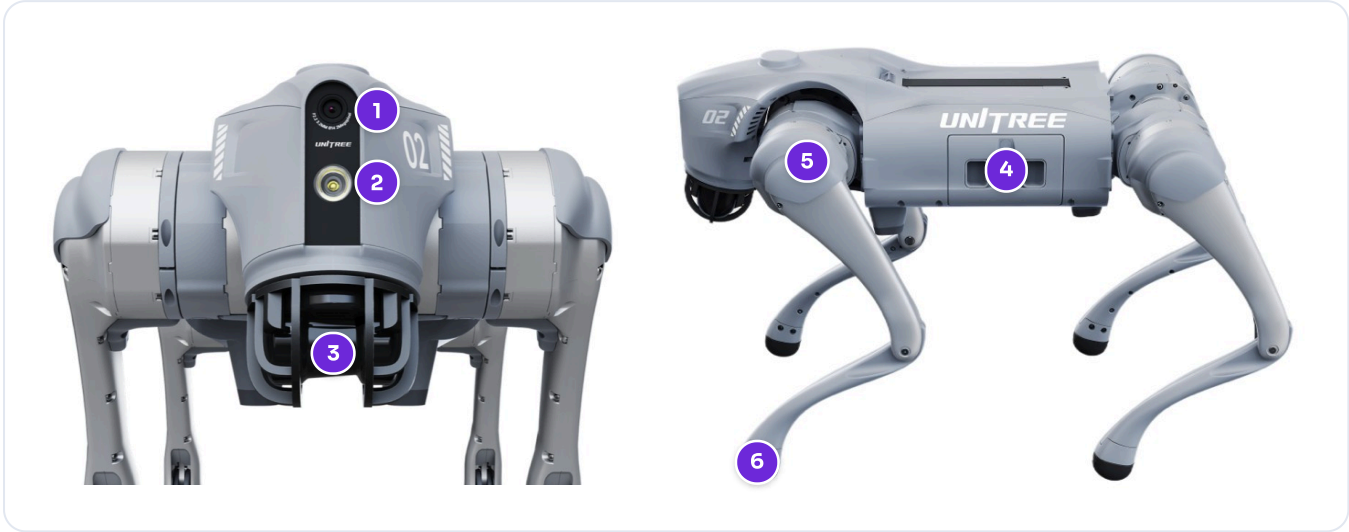
Unitree's published Go2 parameters. A value shown once applies to all three editions; differences are shown per column. * About 5 m/s measured in Unitree's lab. † Outside mainland China, Unitree's 4G supports 43 European countries (Ukraine excepted) and some Asian regions. ‡ In an open environment without interference. Battery life is about 1 to 2 hours alternating standing and walking, less with load, speed or slopes. Unitree's page lists the 4D LiDAR L2; its 2024 user manual names the earlier L1 (360° × 90°), so the fitted LiDAR is confirmed with your quotation. Figures may vary with scenario and configuration.

Sources: unitree.com/go2 (parameter table and feature pages), the Unitree Go2 AIR/PRO user manual and shop.unitree.com, November 2026. All figures are the manufacturer's.

ANATOMY

What is where on the Go2

Unitree's renders of the Go2 body, which looks the same on all three editions. The numbers mark the parts named in Unitree's user manual.



1 Front camera
HD wide-angle; streams live to the app.

2 Front lamp
Lights the way ahead; a head light shows the robot's state by colour.

3 4D LiDAR L2
Under the head, behind its guard: 360° × 96°, from 0.05 m.

4 Smart battery
8000 mAh; slides in from the side, power button up.

5 Joint motors
12 in all: hip, thigh and knee on each leg.

6 Foot ends
Wear parts; spares come in the box.

Not pinned: on the Go2 Pro and Go2 X, the tracking module for side-follow and the 4G module with GPS; on the Go2 Pro, the auto-retractable strap on the back, extended and retracted by a motor at the push of a button.

Shared by all three editions

THE SAME PLATFORM UNDER THE GO2 AIR, GO2 PRO AND GO2 X

Body	Joints	LiDAR	Camera
70 × 31 × 40 cm, about 15 kg	12 aluminium alloy motors, heat-pipe cooled	Unitree 4D LiDAR L2, 360° × 96°	HD wide-angle, live to the app

Battery	Charger	Wireless	Software
8000 mAh, about 1 to 2 h	33.6 V, 3.5 A, 100 to 240 V mains	Wi-Fi 6 dual band, Bluetooth 5.2	Unitree Go app, OTA, graphical programming

In the box

UNITREE'S GO2 USER MANUAL

Listed in Unitree's user manual for the Go2 Air and Go2 Pro; accessories vary by edition. The Go2 X comes with the handheld controller. We confirm each edition's full packing list with your quotation.

- Smart battery, 8000 mAh
- Charger
- Display stand
- Four spare foot ends
- Carrying case
- Companion remote (Go2 Pro)
- USB Type-C cable, 1 m
- User manual, certificate and warranty card

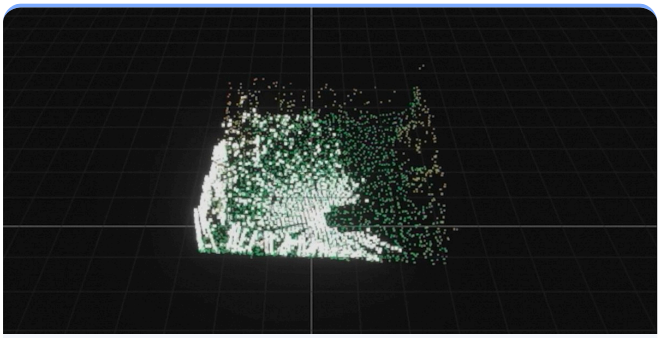
HIGHLIGHTS

Small, quick and aware



Unitree's 4D LiDAR L2 and an HD camera

Under the head of every Go2: 360° × 96° with a blind zone as small as 0.05 m, so the robot sees its surroundings in 3D and avoids obstacles ahead as it walks. Render courtesy of Unitree.



Sees in 3D

The LiDAR builds a live point cloud around the robot. On the Go2 Pro and Go2 X the 8-core CPU adds 3D LiDAR mapping: build a map of an area in the app and set a path for the Go2 to walk by itself.



Walks at your side (Go2 Pro, Go2 X)

ISS 2.0 side-follow: wear the companion remote on your belt and the Go2 follows at your side, up to 1.5 m/s in slow mode and 3 m/s in fast mode, with obstacle avoidance and a range over 30 m in the open.

15 kg

WITH BATTERY · 40 CM TALL

Compact and light

About 15 kg with its battery, 70 cm long and 40 cm tall standing, 20 cm crouching. Payload about 7 kg on the Go2 Air and about 8 kg on the Go2 Pro and Go2 X.

3.7 m/s

GO2 X · GO2 PRO 3.5 · GO2 AIR 2.5

Quick on its feet

Up to 3.7 m/s on the Go2 X (about 5 m/s in Unitree's lab), 3.5 m/s on the Go2 Pro and 2.5 m/s on the Go2 Air; steps up to 16 cm and slopes up to 40° (15 cm and 30° on the Air).

WHERE IT FITS

At home, outdoors and on stage

A companion on walks

On the Go2 Pro and Go2 X, side-follow keeps the robot at your side on paths and lawns while it avoids obstacles ahead; the Go2 Air walks under app or controller control.

Shows and entertainment

Basic actions on every edition. On the Go2 Pro and Go2 X, voice commands start a dance, a stretch or a handshake, and AI mode adds advanced gaits such as walking upside down.

Learning to code

Graphical programming in the Unitree Go app on all three editions: drag blocks to move the robot and build routines. Partial secondary development on the Go2 X; full development is the Go2 EDU's.

Filming and remote viewing

The HD wide-angle camera streams live to the app. On the Go2 Pro and Go2 X, built-in 4G with eSIM keeps the link beyond Wi-Fi where Unitree's 4G is supported.

Carrying light loads

About 7 to 8 kg of payload: at the 19th Asian Games in Hangzhou, Go2 robots carried discuses and javelins across the field.

Mapping and autonomy

With the 8-core CPU of the Go2 Pro and Go2 X, build a 3D point cloud map in the app and set a path for the robot to walk by itself.



AI mode: Go2 Pro and Go2 X



Carrying a javelin, 19th Asian Games, Hangzhou



OTA upgrade in the Unitree Go app

> Unitree's own advice: the Go2 is not a toy and not for users under 14. Run it within sight, at least 2 m from obstacles, people and water, at 5 °C to 35 °C in good weather. It is neither waterproof nor dustproof: keep it off wet ground, gravel, dust, ice and soft ground, and out of steps over 16 cm (15 cm on the Air) and slopes over 40° (30° on the Air).

Three ways to control it

FROM UNITREE'S GO2 USER MANUAL · HANDHELD CONTROLLER OPTIONAL ON THE AIR AND PRO, INCLUDED WITH THE X

Unitree Go app

All three editions

- Activation and binding over Bluetooth, then AP or Wi-Fi
- Built-in tutorial for first steps
- Live HD image transmission
- Graphical programming and OTA upgrades

Voice commands

Go2 Pro and Go2 X

- Offline voice interaction, intercom and music
- Stand up, lie down, dance, stretch, shake hands
- Climbing and running modes by voice
- Wake word: Hey Benben

Companion remote

Side-follow, Go2 Pro and Go2 X

- Worn on the belt; the robot follows at your side
- Slow mode up to 1.5 m/s, fast mode up to 3 m/s
- Obstacle avoidance on or off with a double press
- Joystick mode for direct control

Getting started

UNITREE'S GO2 QUICK START

1. **Charge the battery** — Batteries can arrive low after shipping: charge on 100 to 240 V mains first.
2. **Insert the battery** — Slide it in from the side, power button up, until it clicks.
3. **Place the robot flat** — Belly pad on level ground, legs fully folded.
4. **Power on** — Short press, then hold for 2 s; after about 2 minutes the head light is steady green.
5. **Activate in the app** — Install the Unitree Go app, sign in and add the robot over Bluetooth.
6. **Learn the basics** — Follow the app's built-in tutorial, then drive the Go2 from the app.

NEXT STEP

Order your Go2

Tell us how the robot will be used, at home, outdoors, on stage or for learning to code, and whether you want side-follow, voice, 4G or the handheld controller. We will recommend the Go2 Air, Go2 Pro or Go2 X, confirm the configuration and come back with a delivery estimate to your address and a formal quotation.

Request a quotation

Web

Go2 Air
robotixmarket.com/products/unitree-robotics-go2-air
Go2 Pro
robotixmarket.com/products/unitree-robotics-go2-pro
Go2 X
robotixmarket.com/products/unitree-go2-x-robot-dog

Email · info@robotixmarket.com

Phone and WhatsApp · +1 218 500 0191

Prices for your market are on the product pages; configuration and delivery are confirmed with your quotation. Robotix Market ships worldwide.

Go2 Air Go2 Pro Go2 X

For advanced solutions

Go2 EDU brochure

For research and development see our Go2 EDU brochure: Unitree's education and developer edition of the same robot.

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Go2 Enterprise brochure

For industrial inspection and patrol see our Go2 Enterprise brochure: the Go2 configured for professional work.

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Sourced new

Supplied new through established distribution channels.

Manufacturer warranty

Unitree's manufacturer warranty and documentation with every robot: 6 months on the Go2 Air, 12 months on the Go2 Pro and Go2 X, per Unitree's terms.

Support

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

See it in action · Introducing Unitree Go2, launch film: youtube.com/watch?v=6zPvT0ig1VM
Unitree Go2 New Upgrade: youtube.com/watch?v=iaBDDpuJglY

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