ROBOTIX
MARKET

SERIES BROCHURE
2026 edition



UNITREE · QUADRUPED ROBOTS · ROBOTIX MARKET

Unitree

Go2 EDU

Four developer configurations of Unitree's Go2, U1 to U4

Secondary development, foot-end force sensors, a depth camera and an AI computing module on every one. Choose the computing power, and whether a second 3D LiDAR rides on top.



Available worldwide from Robotix Market
robotixmarket.com

OVERVIEW

One developer quadruped, four ways to order it

The Go2 EDU is the development edition of Unitree's Go2: the same 15 kg quadruped as the consumer editions, opened up for secondary development and equipped with foot-end force sensors, a depth camera, an AI computing module and the long-endurance battery. The four configurations share that platform. They differ only in computing power and in an added 3D LiDAR for mapping and navigation.

A 15 kg quadruped

70 × 31 × 40 cm standing and 76 × 31 × 20 cm crouching, about 15 kg with the battery. Aluminium alloy and high-strength engineering plastic.

Agile on any ground

0 to 3.7 m/s with a maximum of about 5 m/s, steps of about 16 cm and slopes up to 40°, carrying about 8 kg and up to about 12 kg.

Open for development

Secondary development, an 8-core CPU for motion and an AI computing module of 40 or 100 TOPS for your own software, with over-the-air updates.

12 joint motors

Aluminium knee joint motors with about 45 N·m at the largest joint, wiring inside the knee joint and heat-pipe cooling.

Sees in 4D and in depth

Unitree's 4D LiDAR L2 with a 360° × 96° view, an HD wide-angle camera, an Intel RealSense D435i depth camera and foot-end force sensors.

Long-endurance power

A 15,000 mAh quick-release smart battery for about 2 hours of use, a 33.6 V 9 A fast charger and a handheld controller.



~15 kg	3.7 m/s	12 kg	45 N·m	~2 h
WITH BATTERY	SPEED, MAX ~5 M/S	MAXIMUM PAYLOAD	LARGEST JOINT	PER BATTERY CHARGE

Which Go2 EDU?

FOUR CONFIGURATIONS, ONE PLATFORM

Standard · U1
40 TOPS AI module
The entry to Go2 development: every EDU sensor with the 40 TOPS computing module.

Plus · U2
100 TOPS AI module
The same robot with the 100 TOPS module, for heavier AI running on board.

Plus Mid-360 · U3
100 TOPS + Livox Mid-360
Adds Livox's light 360° 3D LiDAR on top, with Unitree's navigation algorithm.

Plus Hesai XT16 · U4
100 TOPS + Hesai XT16
Adds Hesai's long-range XT16 3D LiDAR on top, with Unitree's navigation algorithm.

What the EDU adds

COMPARED WITH THE GO2 AIR AND PRO, IN UNITREE'S OWN TABLE

Force
Foot-end force sensors

Depth
A depth camera, the Intel RealSense D435i

40/100 TOPS
An AI computing module

Open
Secondary development

15,000 mAh
The long-endurance battery and a 9 A fast charger

THE DIFFERENCE

Choose the computing and the LiDAR

Every configuration is the same Go2 EDU. The code tells you how much AI computing power is on board and whether a second 3D LiDAR is fitted for mapping and navigation.

U1



STANDARD

40 TOPS AI module

The built-in EDU sensors

40 TOPS · 4D LiDAR L2 · Depth camera

U2



PLUS

100 TOPS AI module

The built-in EDU sensors

100 TOPS · 4D LiDAR L2 · Depth camera

U3



PLUS MID-360

100 TOPS + Livox Mid-360

Navigation algorithm included

100 TOPS · Mid-360 · 360° × 59° · 70 m

U4



PLUS HESAI XT16

100 TOPS + Hesai XT16

Navigation algorithm included

100 TOPS · XT16 · 360° × 30° · 120 m

EVERY CODE **The same Go2 EDU platform** — About 15 kg · 12 joint motors · 4D LiDAR L2 · depth camera · foot-end force sensors · 15,000 mAh battery · secondary development. Details on page 5.

LiDAR figures are Livox's and Hesai's own. Unitree fits AI modules such as NVIDIA Jetson Orin; the exact module is confirmed with your quotation.

Choosing by task

Which configuration for which kind of work

Teaching and AI on board

U1 and U2: the full EDU sensor set for locomotion, perception and AI coursework. Choose U2's 100 TOPS when your models run on the robot itself.

Mapping close around the robot

U3: Livox's Mid-360 sees all around and from 7° below to 52° above the horizon, with a 0.1 m blind zone, for rooms, corridors and campuses.

Mapping far and wide

U4: Hesai's XT16 ranges from 0.05 to 120 m with 0.5 cm precision, for large sites, open ground and long corridors.

The LiDARs, in detail

Unitree's 4D LiDAR on every code; a mapping-grade 3D LiDAR on top of U3 and U4. The makers' figures

Unitree 4D LiDAR L2

Built into the head · U1 to U4

- Super-wide 360° × 96° hemispherical view
- Minimum detection distance 0.05 m
- Drives Unitree's intelligent detection and avoidance

On every configuration

Livox Mid-360

Added 3D LiDAR · U3

- 360° × 59° view (−7° to 52°)
- 40 m at 10 %, 70 m at 80 % reflectivity; 0.1 m blind zone
- ≤ 2 cm precision at 10 m; 200,000 points/s
- 65 × 65 × 60 mm, 265 g, IP67

On U3, with Unitree's navigation algorithm

Hesai XT16

Added 3D LiDAR · U4

- 360° × 30° view; 0.18° × 2° resolution
- Range 0.05 to 120 m
- 0.5 cm precision (1σ), ±1 cm accuracy; 320,000 points/s
- Ø 76 × 103.2 mm, 800 g, IP6K7

On U4, with Unitree's navigation algorithm

SIDE BY SIDE

U1 to U4 compared

The rows that differ are the computing module and the added LiDAR. A value printed once across a row applies to every configuration.



U1
Standard



U2
Plus



U3
Plus Mid-360



U4
Plus Hesai XT16

	U1 Standard	U2 Plus	U3 Plus Mid-360	U4 Plus Hesai XT16
COMPUTING				
Motion computer	8-core high-performance CPU			
AI computing module	40 TOPS	100 TOPS		
PERCEPTION				
Built-in LiDAR	Unitree 4D LiDAR L2, 360° × 96°			
Depth camera	Intel RealSense D435i			
Foot-end force sensors	Yes			
Added 3D LiDAR	*None*		Livox Mid-360	Hesai XT16
Added LiDAR field of view	*None*		360° × 59° (−7° to 52°)	360° × 30°
Added LiDAR range	*None*		40 m at 10 % reflectivity, 70 m at 80 %	0.05 to 120 m
Added LiDAR precision	*None*		≤ 2 cm at 10 m	0.5 cm (1σ), accuracy ±1 cm
Added LiDAR point rate	*None*		200,000 points/s (first return)	320,000 points/s (single return)
Added LiDAR size and weight	*None*		65 × 65 × 60 mm, 265 g	Ø 76 × 103.2 mm, 800 g
Navigation algorithm	*Not included*		Included, with Unitree's technical support	
PLATFORM				
Size and weight	70 × 31 × 40 cm standing, about 15 kg with battery			
Speed and payload	0 to 3.7 m/s (max ~5 m/s), about 8 kg (max ~12 kg)			
Climbing	Steps about 16 cm, slopes up to 40°			
Battery and charger	15,000 mAh quick-release, about 2 h; 33.6 V 9 A fast charger			
Development	Secondary development, OTA updates			

Figures are Unitree's (Go2 parameter table and Go2 EDU product list), Livox's for the Mid-360 and Hesai's for the XT16. Unitree states about 15 kg for every EDU configuration; the added LiDAR and its mount add their own weight. Unitree fits AI modules such as NVIDIA Jetson Orin; the exact module and the packing list are confirmed with your quotation.

> Need an arm? Unitree also builds Go2 EDU versions with its D1 servo arm (U5 to U7). Ask us about them.

In the box

UNITREE'S GO2 EDU ACCESSORIES

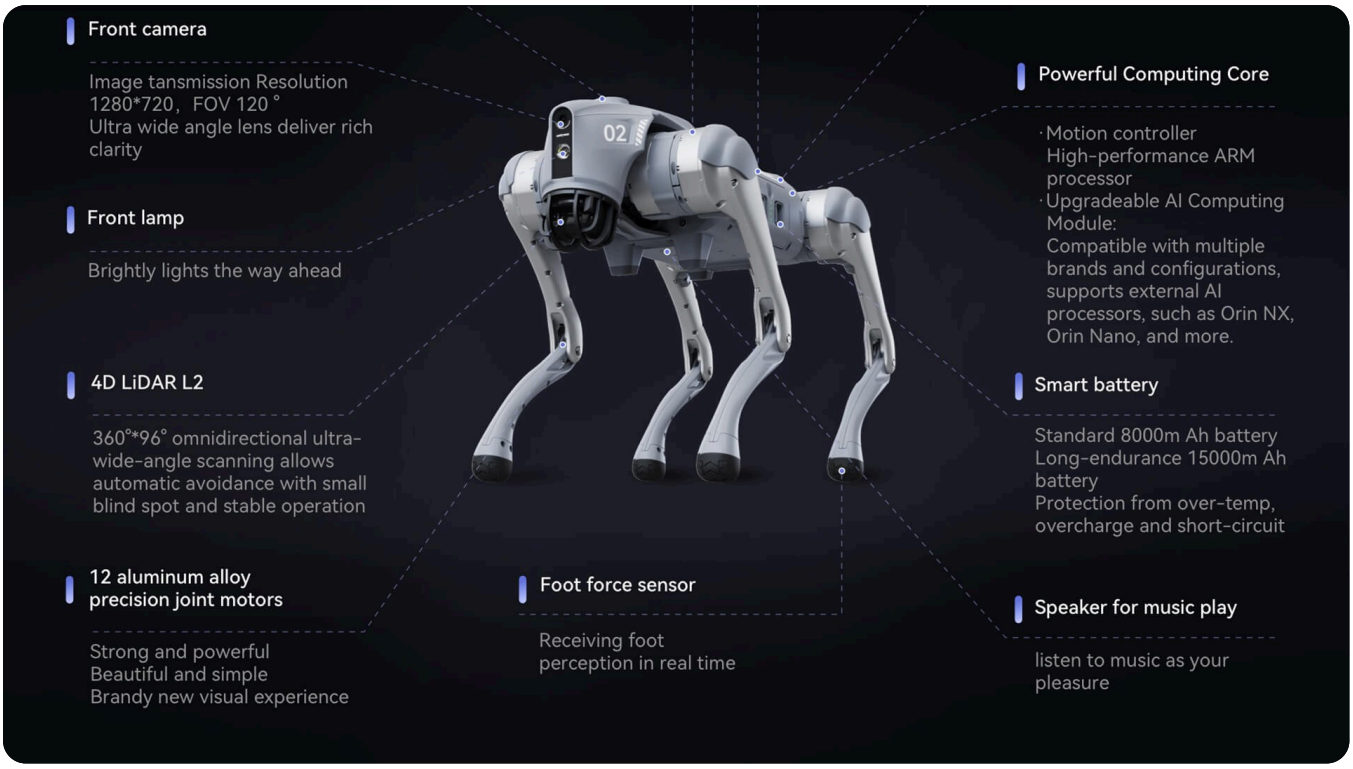
Computing module and LiDAR as ordered. We confirm the full packing list with your quotation.

- Unitree Go2 EDU in the configuration ordered
- AI computing module of that configuration
- Livox Mid-360 (U3) or Hesai XT16 (U4) with Unitree's navigation algorithm
- 15,000 mAh quick-release smart battery
- Fast charger, 33.6 V 9 A
- Handheld manual controller

THE PLATFORM

Shared by every configuration

Unitree's callout graphic of the Go2 and its parameter table for the Go2 EDU. The graphic covers the whole Go2 range: the EDU carries the long-endurance 15,000 mAh battery and a 40 TOPS (U1) or 100 TOPS (U2 to U4) AI module.



Go2 EDU platform

FROM UNITREE'S GO2 PARAMETER TABLE, EDU COLUMN

Size and weight
70 × 31 × 40 cm standing · 76 × 31 × 20 cm crouching · about 15 kg with the battery

Performance
0 to 3.7 m/s, maximum about 5 m/s · payload about 8 kg, maximum about 12 kg · steps about 16 cm · slopes up to 40°

Joints
12 aluminium knee joint motor sets · about 45 N·m at the largest joint · body −48° to 48°, thigh −200° to 90°, shank −156° to −48°

Perception
4D LiDAR L2, 360° × 96° · HD wide-angle camera · Intel RealSense D435i depth camera · foot-end force sensors · wireless vector positioning tracking module

Computing
8-core high-performance CPU · AI computing module, 40 TOPS on U1 and 100 TOPS on U2 to U4

Connectivity and voice
Wi-Fi 6 dual-band · Bluetooth 5.2 · 4G with GPS where Unitree supports it (43 European countries and some Asian regions) · offline voice commands, intercom and music

Power
15,000 mAh quick-release smart battery, about 2 h per charge · 28 to 33.6 V · fast charger 33.6 V 9 A · charging dock compatible

Software
Secondary development · graphical programming · ISS 2.0 side-follow · intelligent detection and avoidance · OTA updates

Warranty and shipping
12-month manufacturer warranty · shipping carton 84 × 34 × 55 cm, 26.7 kg (Unitree)

Sources: unitree.com/go2 (Go2 parameter table, EDU column, and product graphics), Unitree's Go2 product list B_V2 (GO2EDU-U1 to U4), livoxtech.com (Mid-360 specifications) and hesaitech.com (XT16 specifications), read November 2026. Figures are the manufacturers'; where a value is not published it is marked rather than estimated.

IN MOTION

Built to move, built to be programmed



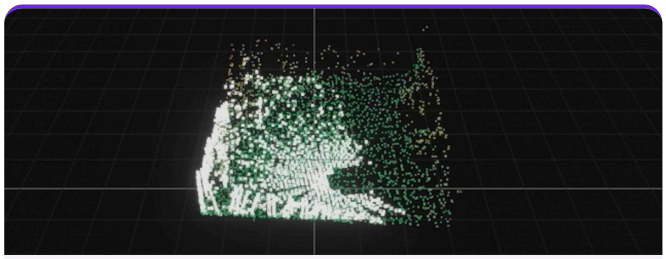
Outdoors on four legs

Unitree's Go2 crossing river rocks. Every EDU configuration shares this body, its 12 joint motors and its 40° climbing ability.



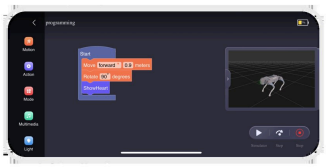
Follows its person

ISS 2.0, Unitree's intelligent side-follow system, with the wireless vector positioning tracking module.



Sees in four dimensions

Unitree's 4D LiDAR L2 scans 360° × 96° around the robot, from as close as 0.05 m.



Graphical programming

Put movements and actions together in Unitree's app, then go deeper with secondary development.



3D LiDAR mapping

Unitree's modes include 3D LiDAR mapping, viewed in the Unitree app.

Research and algorithm development

Locomotion, perception and learning, with published joint ranges and torques, foot-end force sensing and Unitree's developer documentation for motion control.

Mapping and navigation

U3 and U4 carry a mapping-grade 3D LiDAR and Unitree's navigation algorithm, for work in buildings, campuses and outdoor sites.

Teaching and demonstrations

A 15 kg robot that crouches to 20 cm, with graphical programming for first lessons and secondary development for advanced courses.

> Unitree's Go2 is a civilian robot. Keep a safe distance from people in operation, make no dangerous modifications, and know the platform's limits before deploying it.

Watch Unitree's Go2 videos · youtube.com/watch?v=6zPvT0ig1VM · youtube.com/watch?v=8ClYBtfhkaw

NEXT STEP

Choose your Go2 EDU

Tell us what you are developing (locomotion, perception, AI on board, mapping or navigation) and where the robot will work. We will recommend the configuration and come back with a delivery estimate to your address and a formal quotation.

Request a quotation

Web · robotixmarket.com

Email · info@robotixmarket.com

Phone and WhatsApp · +1 218 500 0191

Every configuration has its own page: scan its code.

Current prices for your market are on each product page; configuration and delivery are confirmed with your quotation. Robotix Market ships worldwide.

U1 U2 U3 U4

Looking for something else in the Go2 range?

OUR OTHER GO2 BROCHURES

INSPECTION AND PATROL

Go2 Enterprise

Looking for a ready inspection or patrol solution? See our Go2 Enterprise brochure.

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

HOME AND EVERYDAY USE

Go2 consumer

For home and everyday use, see our Go2 consumer brochure.

robotixmarket.com/brochures/unitree-robotics-go2-pro.pdf

Sourced new

Supplied through established distribution channels.

Manufacturer warranty

Every robot ships with Unitree's manufacturer warranty and official documentation: 12 months on the Go2 EDU per Unitree's published terms.

Support

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

U1
Standard · 40 TOPS AI module

U2
Plus · 100 TOPS AI module

U3
Plus Mid-360 · 100 TOPS + Livox Mid-360

U4
Plus Hesai XT16 · 100 TOPS + Hesai XT16

Robotix Market is an independent supplier. Unitree and Go2 are trademarks of Hangzhou Yushu Technology Co., Ltd. (Unitree Robotics); Livox and Mid-360 are trademarks of Livox; Hesai and XT16 are trademarks of Hesai Technology; Intel and RealSense are trademarks of Intel Corporation; NVIDIA and Jetson are trademarks of NVIDIA Corporation; used here to identify the products. Product imagery courtesy of Unitree Robotics. Specifications are subject to change without notice; confirm at quotation. © 2026 Robotix Market.

ROBOTIX MARKET