

# The New Generation—Unitree Go2

## returning with glory

leads the bionic robotics world.



AIR

PRO

EDU

Available in diverse configurations, please contact Unitree for details.



	AIR	PRO	EDU	
Mechanical Specifications	Dimension of standing	70x31x40cm	70x31x40cm	70x31x40cm
	Dimension of crouching	76x31x20cm	76x31x20cm	76x31x20cm
	Weight (with battery)	About15kg	About15kg	About15kg
Electron Parameter	Material	Aluminium alloy + High strength engineering plastic	Aluminium alloy + High strength engineering plastic	Aluminium alloy + High strength engineering plastic
	Voltage	28V~33.6V	28V~33.6V	28V~33.6V
Performance Parameters	Peaking capacity	About3000W	About3000W	About3000W
	Payload	≈7kg (MAX ~ 10kg)	≈8kg (MAX ~ 10kg)	≈8kg (MAX ~ 12kg)
	Speed	0 ~ 2.5m/s	0 ~ 3.5m/s	0 ~ 3.7m/s (MAX ~ 5m/s)
	Max Climb Drop Height	About15cm	About16cm	About16cm
	Max Climb Angle	30°	40°	40°
	Basic Computing Power	○	8-core High-performance CPU	8-core High-performance CPU
Knee Joint Parameters	Max Torque[1]	○	About45N.m	About45N.m
	Aluminum knee joint motor	12set	12set	12set
	Range of Motion	body : -48°~48° thight: -200°~90° shank: -156°~-48°	body : -48°~48° thight: -200°~90° shank: -156°~-48°	body : -48°~48° thight: -200°~90° shank: -156°~-48°
	Intra-joint circuit (knee)	●	●	●
Force Sensor Parameters	Joint Heat Pipe Cooler	●	●	●
	Super-wide-angle 3D LIDAR	●	●	●
	Wireless Vector Positioning Tracking Module	○	●	●
	HD Wide-angle Camera	●	●	●
	Foot-end force sensor	○	○	●
Feature List	Basic Action	●	●	●
	Auto-scaling strap	○	●	○
	Upgraded Intelligent OTA	●	●	●
	RTT 2.0 image transmission	●	●	●
	Graphical programme	●	●	●
	Front lamp	●	●	●
	WiFi6 with Dual-band	●	●	●
	Bluetooth 5.2/4.2/2.1	●	●	●
	4G module (Only supports mainland China and Europe)	○	●	●
	Voice Function[4]	○	●	●
	ISS 2.0 Intelligent side-follow system	○	●	●
	Intelligent detection and avoidance	●	●	●
	Charging Pile Compatibility	○	○	●
Secondary development[5]	○	○	●	
Accessories	Manual controller	optional	optional	●
	High computing power module	○	○	Nvidia Jetson Orin (optional) (40-100Topscomputing power)
	Smart battery	standard (8000mAh)	standard (8000mAh)	long endurance (15000mAh)
	Battery life	About1-2h	About1-2h	About2-4h
	Charger	standard (33.6V 3.5A)	standard (33.6V 3.5A)	fast charge (33.6V 9A)
Warranty period[6]	6 months	12 months	12 months	
Price (Tax and freight excluded)	\$1600	\$2800	Contact your sales expert	

\*Note: [1] The maximum torque in the table refers to the maximum torque of the largest joint motor; the actual maximum torque varies for the 12 joint motors.  
 [2] In open environment without interference and blocking.  
 [3] 3.Transformation and quality varies considerably in different network environments.  
 [4] 8-core High-performance CPU : Supports a variety of modes, including advanced mode, AI mode, and more.  
 [5] Voice functions include offline voice interaction, commands, intercom and music play.  
 [6] For more information, please read the secondary development manual.  
 [7] For more detailed warranty terms, please read the product warranty brochure.  
 [8] The above parameters may vary in different scenarios and configurations, please subject to actual situation.  
 [9] If any change in the appearance of the product, please refer to the actual product.  
 [10] The 4G function of non-Chinese mainland version will only support 43 European countries (except Ukraine), and some Asian regions.\*Tip: Limited to \*

Tip: \* Limited to the current technique and computing power resources, part of function shall be realized human operation or secondary development.  
 \* This product is a civilian robot. We kindly request that all users refrain from making any dangerous modifications or using the robot in a hazardous manner.  
 \* Please visit Unitree Robotics Website for more related terms and policies, and comply with local laws and regulations.