

Unitree

Go2

New Creature of Embodied AI



AIR

PRO

EDU

*Available in diverse configurations, please contact Unitree for details.



	AIR	PRO	EDU
Dimension of standing	70x31x40cm	70x31x40cm	70x31x40cm
Dimension of crouching	76x31x20cm	76x31x20cm	76x31x20cm
Weight (with battery)	About 15kg	About 15kg	About 15kg
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
Peaking capacity	About 3000W	About 3000W	About 3000W
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	About 15cm	About 16cm	About 16cm
Max Climb Angle	30°	40°	40°
Basic Computing Power	○	8-core High-performance CPU	8-core High-performance CPU
Max Torque[1]	○	About 45N.m	About 45N.m
Aluminum knee joint motor	12 set	12 set	12 set
Range of Motion	body: -48~48° thigh: -200°~90° shank: -156°~-48°	body: -48~48° thigh: -200°~90° shank: -156°~-48°	body: -48~48° thigh: -200°~90° shank: -156°~-48°
Intra-joint circuit (knee)	•	•	•
Joint Heat Pipe Cooler	•	•	•

Mechanical Specifications

Electron Parameter

Performance Parameters

Knee Joint Parameters

	Standard	Optional	Optional
Force Sensor Parameters	Super-wide-angle 3D LIDAR	•	•
	Wireless Vector Positioning Tracking Module	○	•
	HD Wide-angle Camera	•	•
	Foot-end force sensor	○	○
	Basic Action	•	•
	Auto-scaling strap	○	•
	Upgraded Intelligent OTA	•	•
	RTT 2.0 图传	•	•
	Graphical programme	•	•
	Front lamp	•	•
Feature List	WiFi6 with Dual-band	•	•
	Bluetooth 5.2/4.2/2.1	•	•
	4G module	○	•
	Voice Function[2]	○	•
	ISS 2.0 Intelligent side-follow system	○	•
	Intelligent detection and avoidance	•	•
	Charging Pile Compatibility	○	○
	Secondary development[3]	○	○
	Manual controller	optional	optional
	High computing power module	○	○
Accessories	Smart battery	standard (8000mAh)	standard (8000mAh)
	Battery life	About 1-2h	About 1-2h
	Charger	standard (33.6V 3.5A)	standard (33.6V 3.5A)
	Warranty period[4]	6 months	12 months
			NVIDIA Jetson Orin (optional) (40-100Topscomputing power)

*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] Voice functions include offline voice interaction, commands, intercom and music play.

[5] For more information, please read the secondary development manual.

[6] For more detailed warranty terms, please read the product warranty brochure.

[7] The above parameters may vary in different scenarios and configurations, please subject to actual situation.

[8] If any change in the appearance of the product, please refer to the actual product.

*Tip: Limited to the current technique and computing power resources, part of function shall be realized human operation or secondary development.