

The New Generation—Unitree Go2

returning with glory

leads the bionic robotics world.



AIR

PRO

X

EDU

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



Mechanical Specifications	Dimension of standing	70x31x40cm	70x31x40cm	70x31x40cm	70x31x40cm
	Dimension of crouching	76x31x20cm	76x31x20cm	76x31x20cm	76x31x20cm
	Weight (with battery)	About15kg	About15kg	About15kg	About15kg
	Material	Aluminium alloy + High strength engineering plastic	Aluminium alloy + High strength engineering plastic	Aluminium alloy + High strength engineering plastic	Aluminium alloy + High strength engineering plastic
Electron Parameter	Voltage	28V~33.6V	28V~33.6V	28V~33.6V	28V~33.6V
	Working maximum power	about 3000W	about 3000W	about 3000W	about 3000W
Performance Parameters	Payload	≈7kg (MAX ~ 10kg)	≈8kg (MAX ~ 10kg)	≈8kg (MAX ~ 12kg)	≈8kg (MAX ~ 12kg)
	Speed	0 ~ 2.5m/s	0 ~ 3.5m/s	0 ~ 3.7m/s (MAX ~ 5m/s)	0 ~ 3.7m/s (MAX ~ 5m/s)
	Max Climb Drop Height	about 15cm	about 16cm	about 16cm	about 16cm
	Max Climb Angle	30°	40°	40°	40°
	Basic Computing Power	○	8-core High-performance CPU[4]	8-core High-performance CPU	8-core High-performance CPU

Knee Joint Parameters	Max Torque[1]	☐	about 45N.m	about 45N.m	about 45N.m
	Aluminum knee joint motor	12set	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°	body : -48°~48° thight: -200°~90° shank: -156°~-48°
	Intra-joint circuit (knee)	☒	☒	☒	☒
	Joint Heat Pipe Cooler	☒	☒	☒	☒
Force Sensor Parameters	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 image transmission	☒	☒	☒	☒
	Graphical programme	☒	☒	☒	☒
	Front lamp	☒	☒	☒	☒
	WiFi6 with Dual-band	☒	☒	☒	☒
	Bluetooth 5.2/4.2/2.1	☒	☒	☒	☒
	4G module (with GPS)	☐	☒	☒	☒
	Voice Function[5]	☐	☒	☒	☒
	ISS 2.0 Intelligent side-follow system	☐	☒	☒	☒
	Intelligent detection and avoidance	☒	☒	☒	☒
	Charging Pile Compatibility	☐	☐	☒	☒
	Secondary development[6]	☐	☐	☒	☒
Accessories	Manual controller	optional	optional	☒	☒
	High computing power module	☐	☐	☐	Nvidia Jetson Orin (optional) (40-100Topscomputing power)
	Depth Camera	☐	☐	☐	☒
	Smart battery	standard (8000mAh)	standard (8000mAh)	standard (8000mAh)	long endurance (15000mAh)
	Battery life	About1-2h	About1-2h	About1-2h	About2-4h
	Charger	standard (33.6V 3.5A)	standard (33.6V 3.5A)	standard (33.6V 3.5A)	fast charge (33.6V 9A)
	Warranty period[7]	6 months	1 year	1 year	1 year
Price (Tax and freight excluded)		\$1600	\$2800	\$4500	Contact your sales expert