



Unitree G1

The Unitree G1 offers advanced mobility with 23 degrees of freedom, allowing for the execution of complex movements and tasks. Its movement speed of up to 2 m/s enables swift navigation in various environments, while precise force control, thanks to hybrid force and position control, ensures gentle and accurate manipulation of objects. The robot is equipped with a high-performance 8-core processor. The maximum joint torque of 90 N.m allows for the execution of challenging tasks with significant ...

Parameter	Value
Dimensions (standing)	1270x450x200mm
Dimensions (fold)	690x450x300mm
Weight (with battery)	about 35kg
Total degrees of freedom	23
Communication	WiFi 6, Bluetooth 5.2
Sensing sensor	Intel RealSense D435
3D LiDAR	LIVOX-MID360
Battery life	About 2 hours
Battery	Lithium-ion, 9000mAh, 54V 5A (quick release)

Processor	High-performance 8-core CPU, optional NVIDIA Jetson Orin
Sensory	Depth sensors, 3D LiDAR, optional touch sensors
Additional functions	Force control, environment sensing, open platform

Bateria	Litowo-jonowa, 9000mAh, 54V 5A (szybko wymienna)
Procesor	8-rdzeniowy CPU o wysokiej wydajności, opcjonalnie NVIDIA Jetson Orin
Sensoryka	Czujniki głębi, 3D LiDAR, opcjonalne czujniki dotykowe
Dodatkowe funkcje	Kontrola siły, wykrywanie otoczenia, otwarta platforma