

Unitree B2

Brand New Intelligent Species



The comprehensive performance in terms of load, range, motion capability and speed is two to three times that of existing quadruped robots worldwide!

Size(Standing)	≈ 1098mm×450mm×645mm
Size(Lying Prone)	≈ 880mm×460mm×330mm
Weight	≈ 60kg Total weight (battery included)
Battery Performance	Battery capacity 45Ah(2250Wh), voltage 58V
Endurance Ability	Battery life 4-6h Walking without load > 5h, and the mileage > 20km Walking with 20kg load > 4h, and the mileage > 15km
Wheeled Foot	Optional
Load(Standing)	Max. 120kg
Load(Walking)	> 40kg
Continuous Stair Climbing	Stairs of 20~25cm
Single Obstacle Crossing	Climb up and down stairs of 40cm in forward direction
Operating Temperature	-20°C ~ 55°C
Climbing Angle	> 45°
Running Speed	> 6m/s [1]
Ditch Jumping Width	0.5~1.2m
Max Jump Distance	> 1.6m
Ingress Protection	IP67
Control and Perception	intel Core i5×1, intel Core i7×3, Nvidia Jetson Orin NX×1 (Varies with different configurations)
Sensing Sensor	3D LiDAR ×1 + Depth camera ×2 + Optical camera ×2 (Varies with different configurations)
Interface	1000M-Base-Ethernet×4 USB3.0×4 12V×4 5V×1 24V×4 BAT×1

*[1]: realized in special configurations, in practice there is a speed limit for security purposes

*Part of the function requires human operation or secondary development to realize, different configurations vary.

*The above parameters may vary in different application scenarios and different configurations, please refer to the actual situation.

*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.