

Unitree B2-W

Brand New Intelligent Species



Size(Standing)	≈ 1098mm×550mm×758mm
Size(Lying Prone)	≈ 950mm×550mm×450mm
Weight	≈75kg Total weight (battery included)
Battery Capacity	> 2kwh, voltage 58V
Endurance Ability	Maximum endurance of 50km with 40kg load [2]
Maximum horizontal pulling force	20km/h [1]
Maximum trench crossing distance	100kg [3]
Ditch Jumping Width	≈2m
Maximum Load(Standing)	120kg
Load(Walking)	> 40kg
Wheel Diameter	225mm
Maximum wheel speed	57rad/s
Maximum wheel torque	50N.m
Continuous Stair Climbing	Stairs of 20~25cm
Operating Temperature	-20°C ~ 55°C
Climbing Angle	> 45°
Ingress Protection	IP67
Control and Perception	Standard configuration: Intel Core i5(Platform Function) ,Intel Core i7(User Development) , Optional Configuration: Intel Core i7 and Jetson Orin NX (Maximum up to 3 devices)

*[1], [2]: realized in special configurations, in practice there is a speed limit for security purposes.

*[3] Measured with ideal friction on the ground and no skidding of the wheel.

*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.