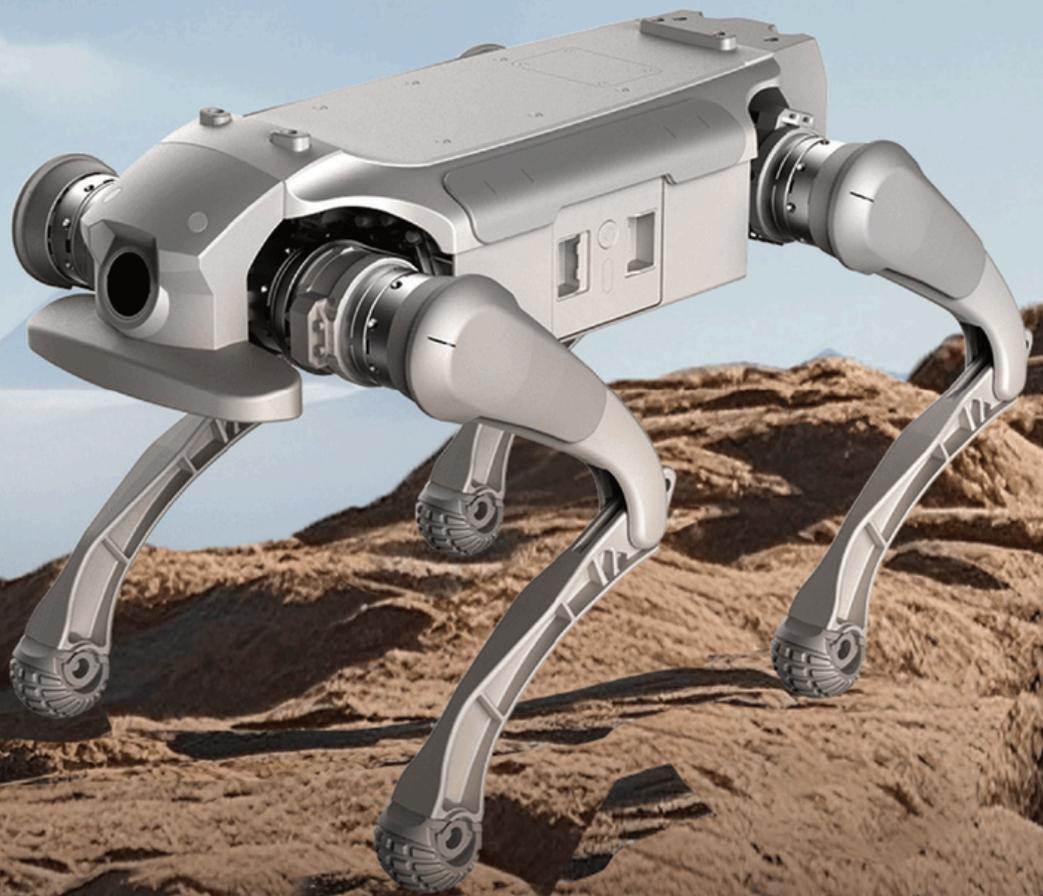


AGIBOT D1 ULTRA



The D1 Ultra is a compact bionic quadruped robot designed for speed, agility, and adaptability. Powered by advanced reinforcement learning algorithms, it navigates diverse terrains with ease—whether stairs, rubble, or uneven ground—delivering true all-terrain mobility. Its versatility makes it ideal for security patrols, field exploration, target tracking, academic research, as well as interactive and entertainment platforms.

KEY FEATURES

AI-Powered Intelligence

With reinforcement learning at its core, combined with advanced motion control, the D1 Ultra makes real-time intelligent decisions. It maintains balance and agility across challenging environments, from staircases to complex rubble.

Agile & Versatile Mobility

Lightweight and highly responsive, the robot moves seamlessly through varied terrains and complex environments. Perfectly suited for patrols, search missions, and multi-scenario applications.

High Power & Endurance

Built on an industry-leading drive system with a specific power of 2kW/kg, the D1 Ultra delivers exceptional output and reliable, long-endurance performance. It supports heavy payloads and extended operations while ensuring stability and reliability.

Expandable & Customizable

Designed for flexibility, the D1 Ultra supports secondary development and modular customization. Compatible with LiDAR, RGB-D cameras, and other sensors, it enables autonomous navigation, mapping, and task-specific execution—meeting the needs of multiple industries.

SPECIFICATIONS

Dimensions (Standing)	630 × 360 × 415 mm	Stair-Climbing Height	>16 cm
Dimensions (Folded)	670 × 425 × 145 mm	Climbing Angle	Up to 30° (extreme 40°)
Weight	~15 kg (with battery)	Max Speed	3.7 m/s
Battery	5Ah	Operating Temperature	0°C – 40°C
Endurance	1–2 hours ~5 kg (max)	Protection Rating	IP54
Payload (Continuous)	10 kg)	Expansion Ports	Ethernet, USB, Power, SBUS, UART

APPLICATION SCENARIOS



Generation ROBOTS

Brand of **NGX** ROBOTICS



+33 (0)5 56 39 37 05



contact@generationrobots.com



1 rue Pierre-Georges Latécoère 33700 Mérignac, France

www.generationrobots.com

