



# ***PUDU D5 Series***

Industry-Grade Autonomous Quadruped Robot



Where Adaptive Mobility  
Meets Real-World Intelligence



# Two Forms. Infinite Possibilities.



## ***PUDU D5***

### **Point-Foot Version**

Built for **complex, uneven, and high-precision operations** — from forests and mountains to metal grates, ladders, industrial corridors, and research environments.

**Superior obstacle crossing, precise footing, and maximum passability** in unpredictable terrain.



## ***PUDU D5-W***

### **Wheeled-Foot Version**

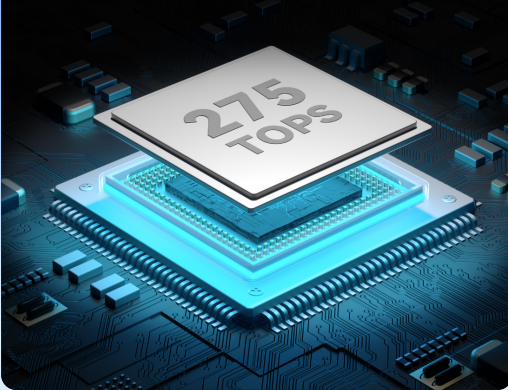
Optimized for **speed, endurance, and smooth travel across flat surfaces** — perfect for venues, campuses, factories, and long-distance delivery.

**Extended battery life and ultra-stable motion for** logistics and media tasks.

# Autonomous Navigation with 360° Perception

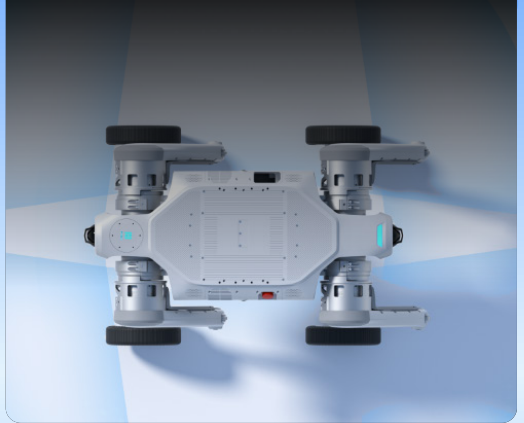
## Dual-Chip Powerhouse

275 TOPS computing power (NVIDIA Orin + RK3588) for instant intelligent decision-making



## Dual 192-Line LiDAR

Centimeter-level accuracy for precise localization and 3D environment mapping



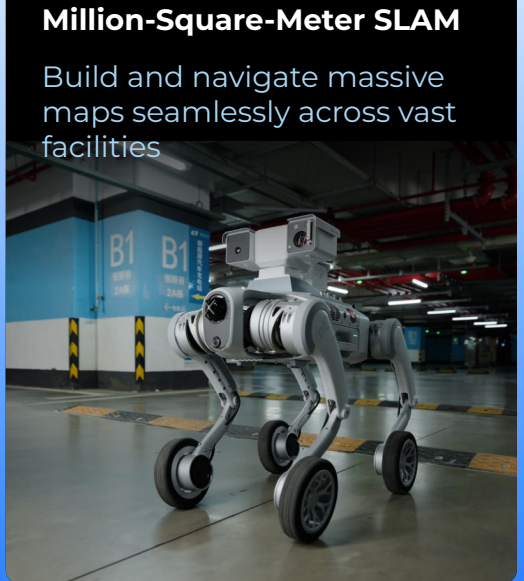
## 360° Vision Fusion

Four fisheye cameras provide complete panoramic coverage for obstacle-free navigation



## Million-Square-Meter SLAM

Build and navigate massive maps seamlessly across vast facilities





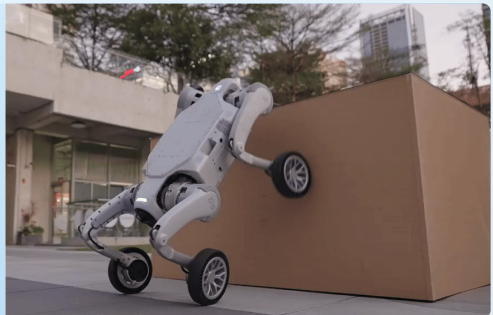
# All-Terrain Mobility for Complex Environments

**High-torque motors** and **adaptive posture control** enable stable climbing, crossing, and load-carrying across challenging indoor and outdoor environments.



Hybrid wheeled-foot drivetrain for **high-speed all-terrain mobility**

Bio-inspired obstacle system: **climbs 30° slopes, steps over 25 cm obstacles**



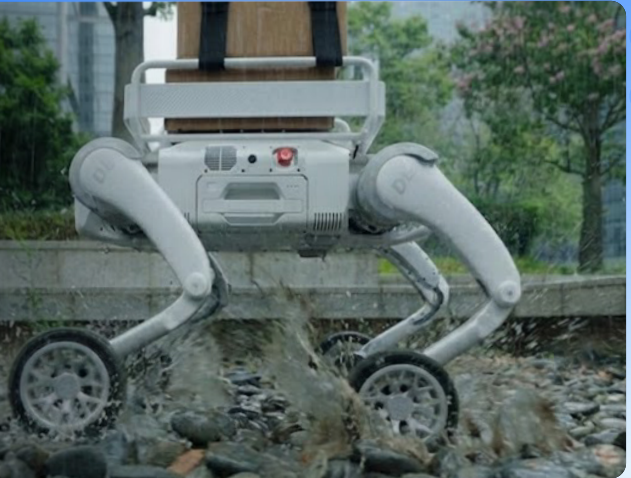
**30 kg stable load capacity** for reliable transport missions

# All-Weather Durability and Extreme Resilience

Rain, Dust, Heat, or Cold — Always Mission-Ready

## IP67

Full-body IP67 protection for rain, dust, and harsh outdoor conditions



## -20°C~55°C

-10°C cold-start capability; operates reliably from -20°C to 55°C



# Intuitive Interaction & Smart Follow

With **multimodal interaction** and **real-time human-motion recognition**, D5 delivers a natural, intuitive companion experience that truly “sees you” and “follows you right.”



## AI Gesture Control

—Intuitive “point-and-go” commands for instant direction

## AI Voice Interaction

—Six-mic array ensures accurate command recognition



## Intelligent Vision Following

—Fuses RGB and depth perception for stable, safe, and responsive autonomous following

# Expand Capabilities with Purpose-Built Add-Ons



**RCOS Remote Control**



**Inspection Kit**



**Metal Delivery Crate**

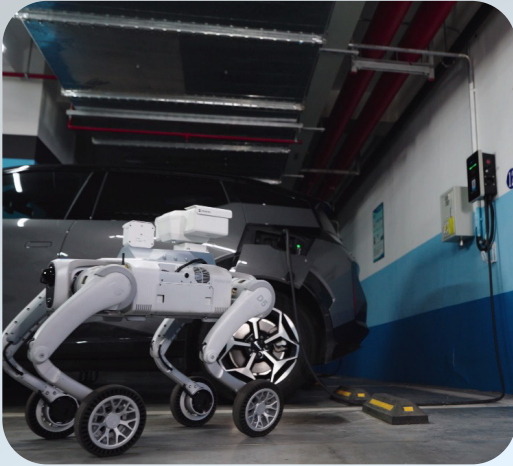


**Charging Station**





# Mission-Ready Across Industries



Autonomous Inspection



Autonomous Delivery



Entertainment & Events



Education & Research

