GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · ROS2 EDUCATION

LIMO ROS2

ROS2 Educational Mobile Robot Platform

Intel NUC i7 running ROS 2 Humble on Ubuntu 22.04 for autonomous mobile robot research and education, with Navigation2 and MoveIt2.

Presented by GateIn Technology · Exclusive AgileX partner in Egypt

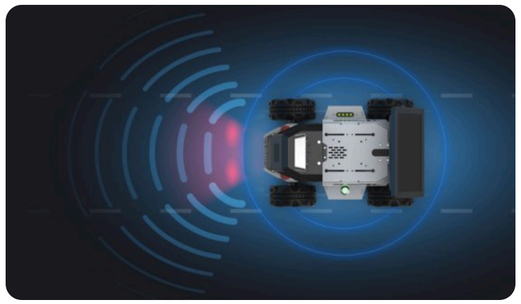


LIMO ROS2 highlights



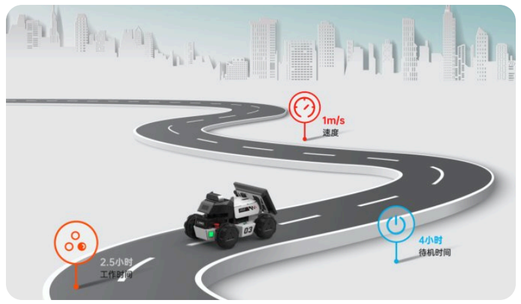
Advanced computing unit

Intel NUC i7 for stable multi-sensor fusion and SLAM mapping.



Precise sensors

Optional EAI T-mini Pro LiDAR and Orbbec DaBai depth camera for mapping, localization, navigation and dynamic obstacle avoidance.



Double the battery life

Battery increased to 10000 mAh for 2.5 hours of operation.



Open-source support

ROS and Gazebo, Python and C++ compatible.

LIMO ROS2 Specifications

Parameter	LIMO ROS2
Dimensions · weight	322 × 220 × 251 mm · 4.8 kg
Payload · ground clearance	4 kg · 24 mm
Steering · screen	40 N·m · 7 inches
IPC · depth camera · LiDAR	Intel NUC · Orbbec DaBai · EAI T-mini Pro
Battery · operating · standby	10 Ah 12 V · 2.5 h · 4 h
System · ROS · speed	Ubuntu 22.04 · ROS2 Humble · 1 m/s
Control	Mobile app / command · 10 m distance

GateIn One accountable partner

We don’t just ship the LIMO ROS2. GateIn designs, supplies, installs, integrates and supports AgileX solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
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An integrator, not a vendor.

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Let’s plan your LIMO ROS2 deployment

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