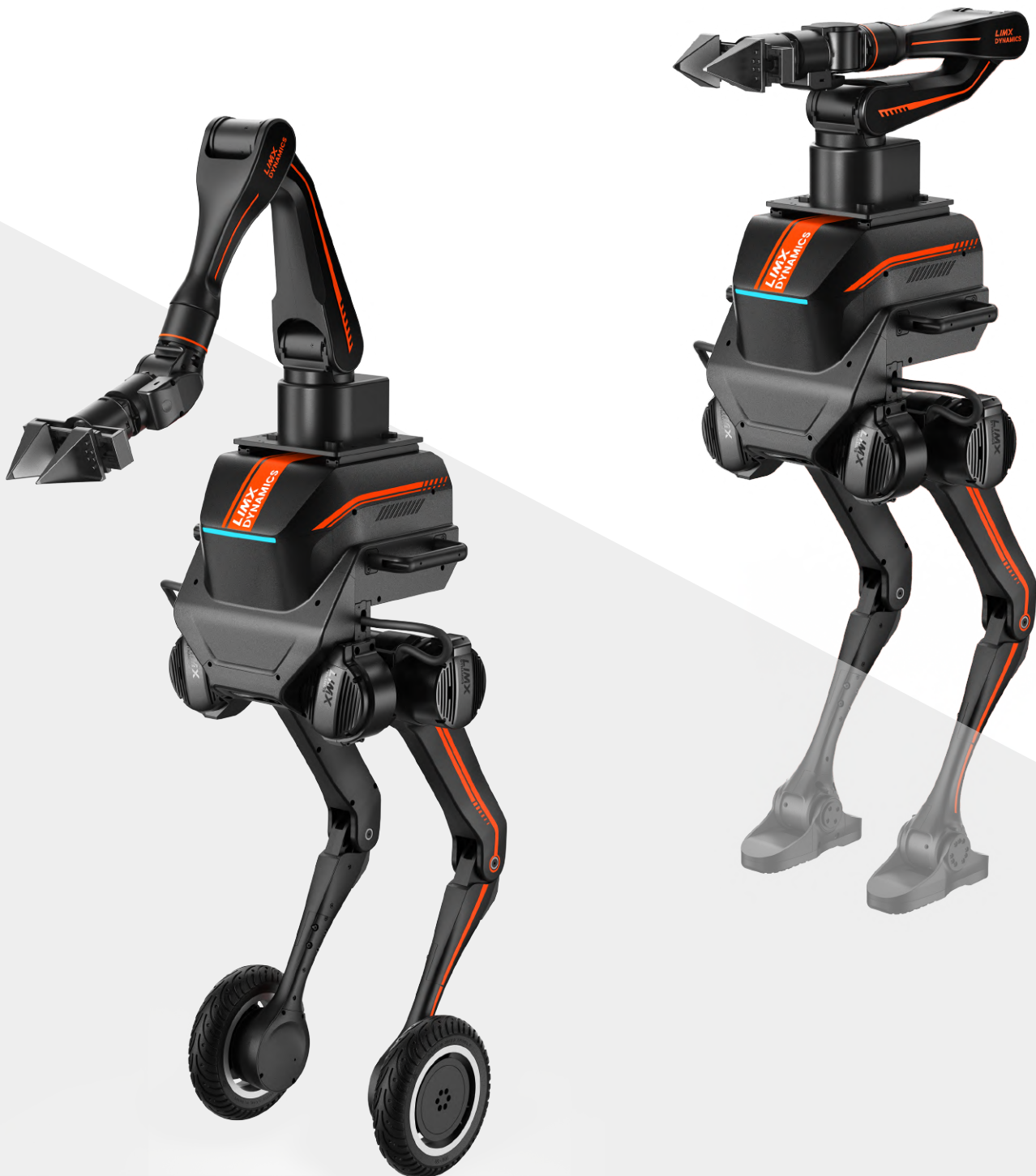


MULTI-MODAL BIPED ROBOT

EMPOWER  
INNOVATORS

# TRON1

Arm Expansion Kit



## Arm Expansion Kit

Powered by a robotic arm, TRON 1 empowers researchers and developers to effortlessly explore cutting-edge research in **mobile manipulation, whole-body control, and motion planning.**



**Dual Research Modes:** Supports both "Arm + Sole" and "Arm + Wheeled" configurations, empowering studies in modular control of the arm or legs, and integrated whole-body control.



**Streamlined for Efficiency:** A minimal-configuration bipedal platform for mobile manipulation reduces the complexity of simulation and control algorithms, accelerating innovation and iteration.



**Out-of-the-Box Expansion:** Standard mounting adapters for immediate plug-and-play use.



**Rich Open-Source Examples:** For faster onboarding and lower development barriers and fast-track your projects.

## Technical Specifications

Product Name	TRON 1 Arm Expansion Kit
Model Number	TRON1-AP-YG
Compatible Modes	Sole / Wheeled
DOF (Arm)	6
Arm Reach (Maximum)	647mm
Operating Height (Relative to Ground)	0 ~ 1500mm
Arm Weight	3.5kg
Payload (Rated)	1.5kg
Payload (Max)	3.5kg
Speed	Wheeled: 1.0 m/s   Sole: 0.5 m/s

## Accessories List

Category	Qty/Unit
<b>Robotic Arm</b> <ul style="list-style-type: none"><li>• Power Adapter</li><li>• Power Cable</li><li>• Power Conversion Cable</li></ul>	1 set
Gripper	1 set
Mounting Plate	1 pc
USB-C Adapter Cable	1 pc
<b>Assembly Kit</b> <ul style="list-style-type: none"><li>• Screws</li><li>• Hex Key</li><li>• T-Slot Slider</li></ul>	1 pack
Quick Start Guide	1 pc

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