

MULTI-FORM EMBODIED ROBOT

TRON 2

CUTTING-EDGE ALGORITHMS, AT YOUR FINGERTIPS

EMPOWER
INNOVATORS



PRODUCT
OVERVIEW



C5I® Digital Innovation Partner

 **LIMX
DYNAMICS**

FREEDOM OF FORM, FLEXIBLE COMBINATIONS

ONE TRON 2,
THREE CONFIGURATIONS,
UNLIMITED POSSIBILITIES.



Modular Configuration



Voice, Vision, and More Sensor Kits



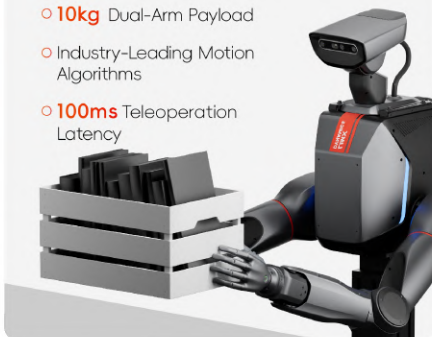
INVISIBLE GUARDIAN, EFFORTLESS SMOOTHNESS

- Safety Boundary Protection
- Dual Redundant Power Design



SUPERIOR PERFORMANCE, DIVERSE SCENARIOS

- **10kg** Dual-Arm Payload
- Industry-Leading Motion Algorithms
- **100ms** Teleoperation Latency



EVERYTHING IN SIGHT, FULLY IN CONTROL

- **7** DoF
- **70cm** Arm Span
- Spherical Human-like Wrist Design
- Full Coverage Camera Vision



TRON 2 is an embodied foundation built for research users.

With a single core system and three freely configurable forms, it integrates high-performance dual-arm manipulation with all-terrain mobile locomotion.

Designed to support VLA research, mobile manipulation, and whole-body control, TRON 2 provides an all-in-one embodied development platform supporting diverse scenarios and terrains.



Full Coverage
Camera Vision



Spherical Human-like
Wrist Design

7

DoF



Industry-Leading
Motion Algorithms



100ms
Teleoperation
Latency

10 kg

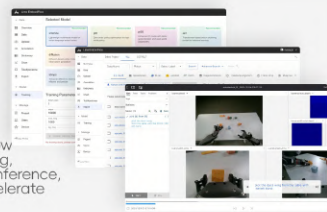
Dual-Arm Payload

REAL-TIME PERCEPTION
MULTI-TERRAIN VLN
DEPLOYMENT



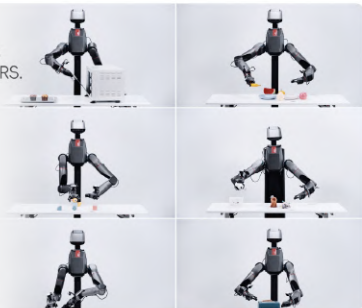
ALL-IN-ONE
VLA PLATFORM

Streamline the entire workflow
from data collection, cleaning,
and annotation to training, inference,
and task management. Accelerate
innovation with ease.



COMPREHENSIVE
TUTORIAL RESOURCES
MASTER VLA IN 2 HOURS.

- 10+
Example Tutorials
- Including
ACT, Pi 0.5
Classic Models
- 10,000+
Real-World Datasets
Open-Sourced



LIMX DYNAMICS

& C5I[®] Digital Innovation Partner



Stay Updated



TRON 2 Specifications



Contact Sales



Python
development
support

python™

Compatible
with ROS1 &
ROS2



Fully open SDK
with high and
low level access



Clear URDF for optimized
Sim2Real performance



Product manuals
provided



**SUPPORTS
MAINSTREAM
SIMULATORS**

NVIDIA Isaac Sim, MuJoCo, Gazebo, etc.
Ongoing updates via Github

TRON2	Movement Speed	Climbing Angle	Obstacle Clearance Height	Battery Capacity
Wheeled Legs	5m/s	30°	20cm	9Ah
Sole	3m/s	15°		

* Use LimX Dynamics products in compliance with applicable laws and regulations.

* Product configurations described here in refer to the dual-arm, dual-pedal, and dual-wheeled versions of LimX TRON 2. Not all features are available in every version. Confirm specifications before purchase.

* All images, videos, and screen content are for illustrative purposes only. Actual product appearance (including but not limited to color, size, finish) and screen displays (including but not limited to UI, graphics) may vary.

* Data measured in LimX Dynamics lab. Actual performance may vary based on environment, usage, device condition, software version, etc.

* Products undergo continuous improvement. Designs and configurations may change. Confirm details with sales before ordering.

