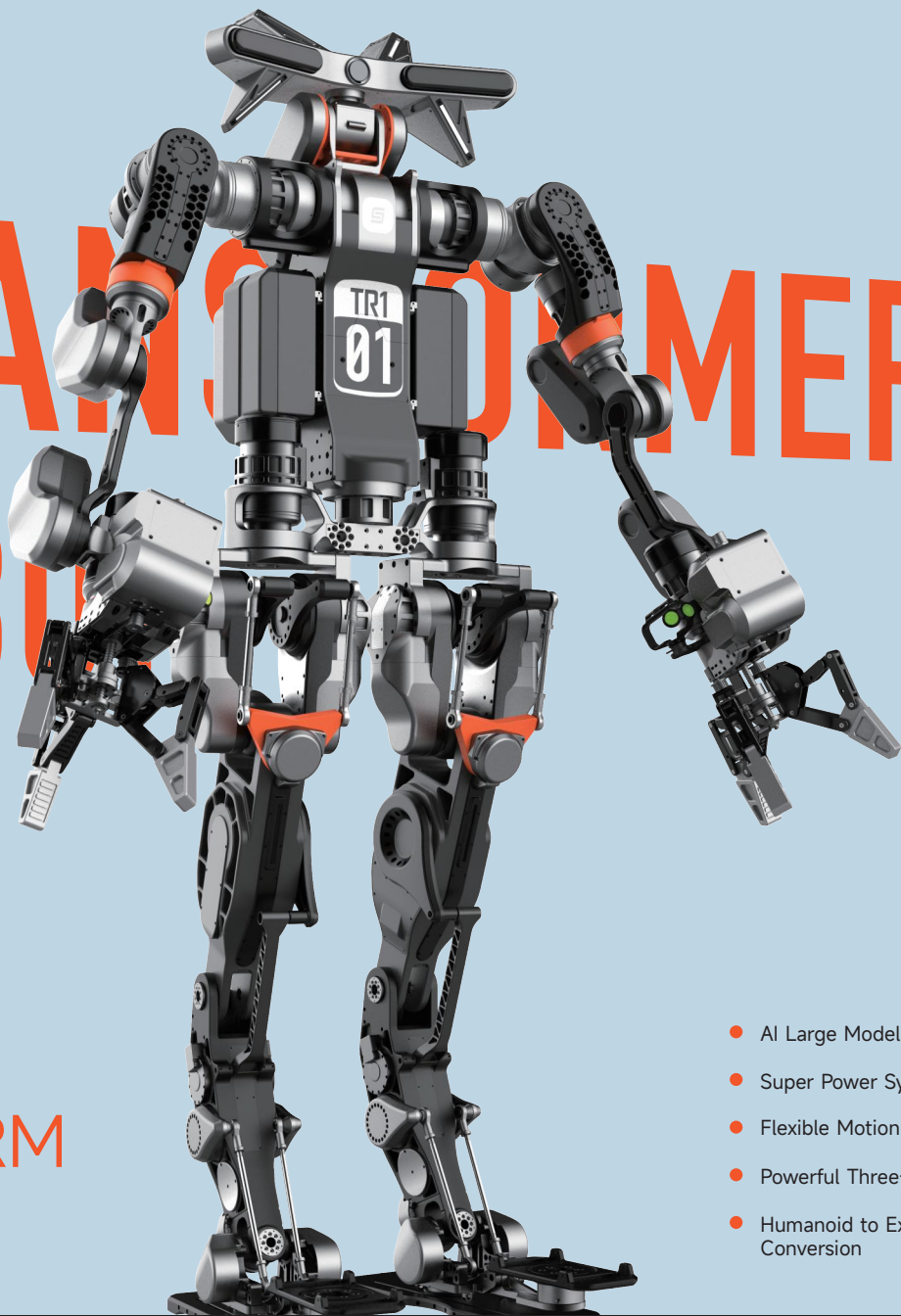


TR1

ULS ROBOTICS

**TRANSFORM
ROBOT-01**

TRANSFORMER ROBOT



TRANSFORM ROBOT

- AI Large Model Training
- Super Power System
- Flexible Motion
- Powerful Three-Finger Claw
- Humanoid to Exoskeleton Conversion

SPECIFICATIONS

Height |↑↓|

190cm

Weight |↙↘|

120kg

DOF |⋈|

27

Battery Life

2h |🔋|

Six-axis Force Sensors

4~8



Terminal Load Capacity

40kg



Computing Power

275TOPS

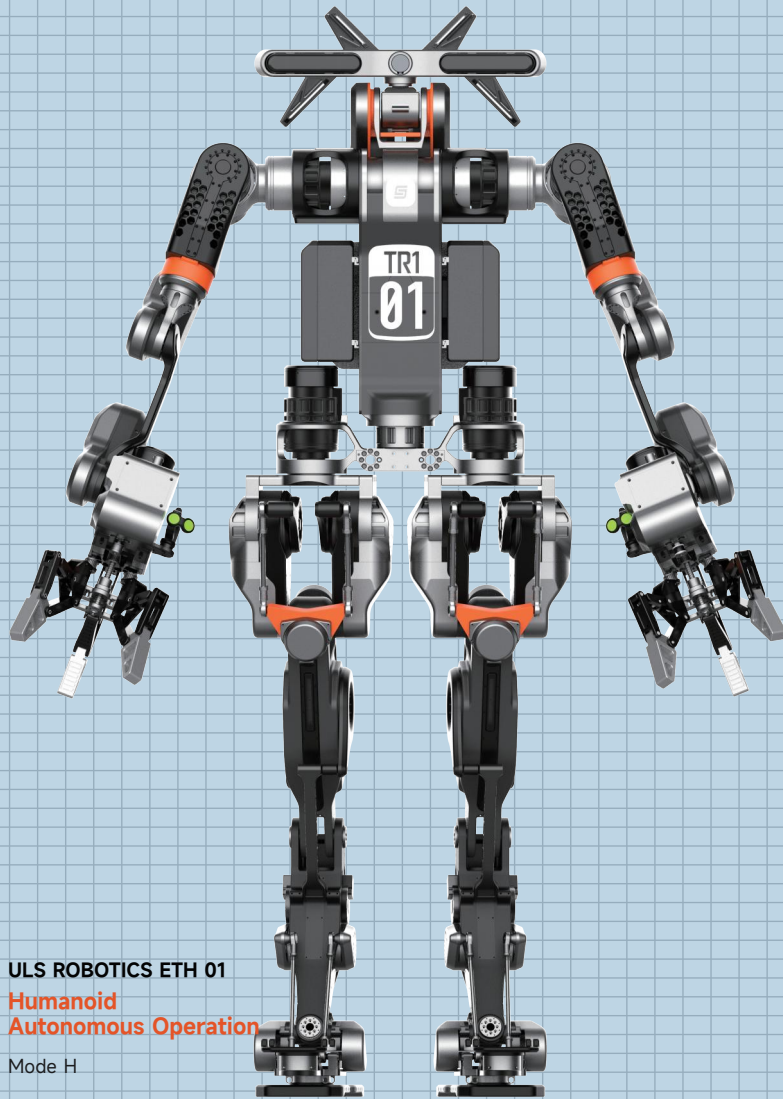


TR1

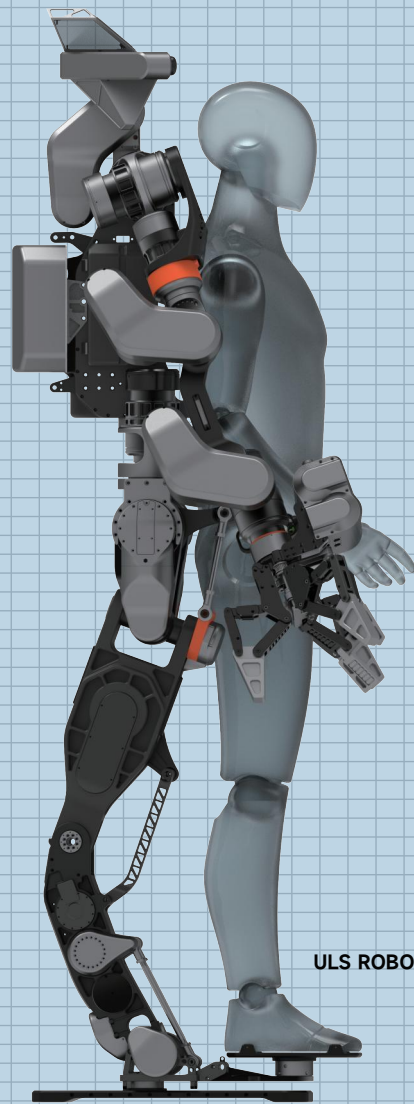
Transform Robot - 1

The ULS TR1 (Transform Robot-1) is a milestone robotic product that integrates new technology from ULS Robotics. It is capable of dual-mode conversion [Exoskeleton AI Learning (Mode E), Humanoid Autonomous Operation (Mode H)], and it features powerful joint mobility with 27 degrees of freedom and multi-joint coverage. The self-developed three-finger claw can easily handle various scenarios, combining force control with sensing capabilities for reliable and flexible operation, enabling it to complete tasks in complex working environments. The self-developed super power system possesses enormous energy and unlimited potential. It is also equipped with robot large-model AI training and vertical model learning in specialized fields, realizing the generalization of embodied intelligent robots and creating endless possibilities for the future.

DUAL MODE DISPLAY

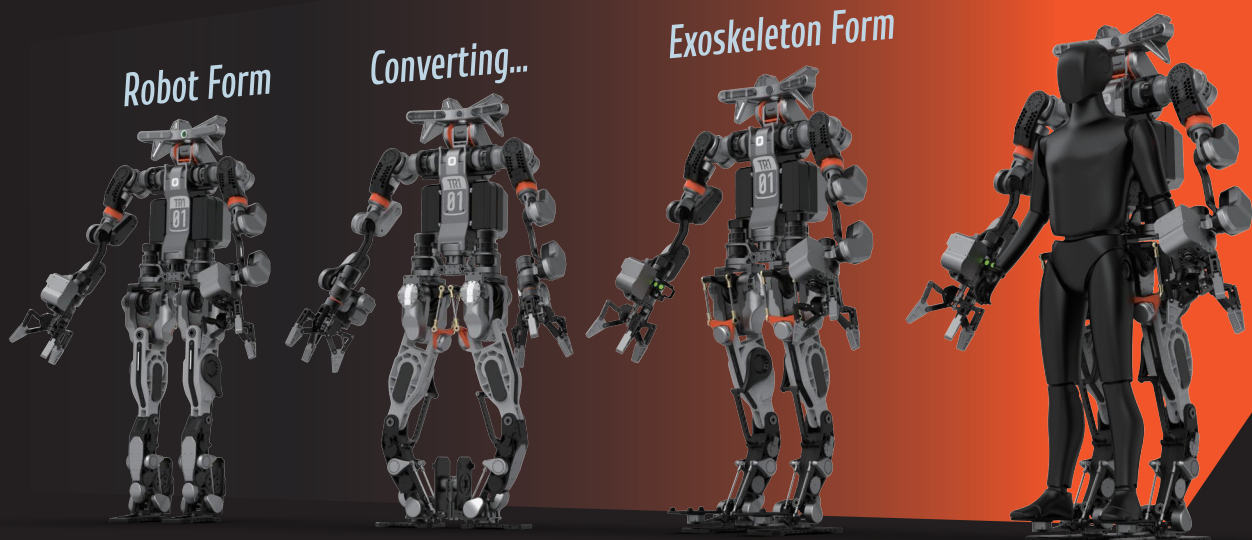


ULS ROBOTICS ETH 01
Humanoid
Autonomous Operation
Mode H



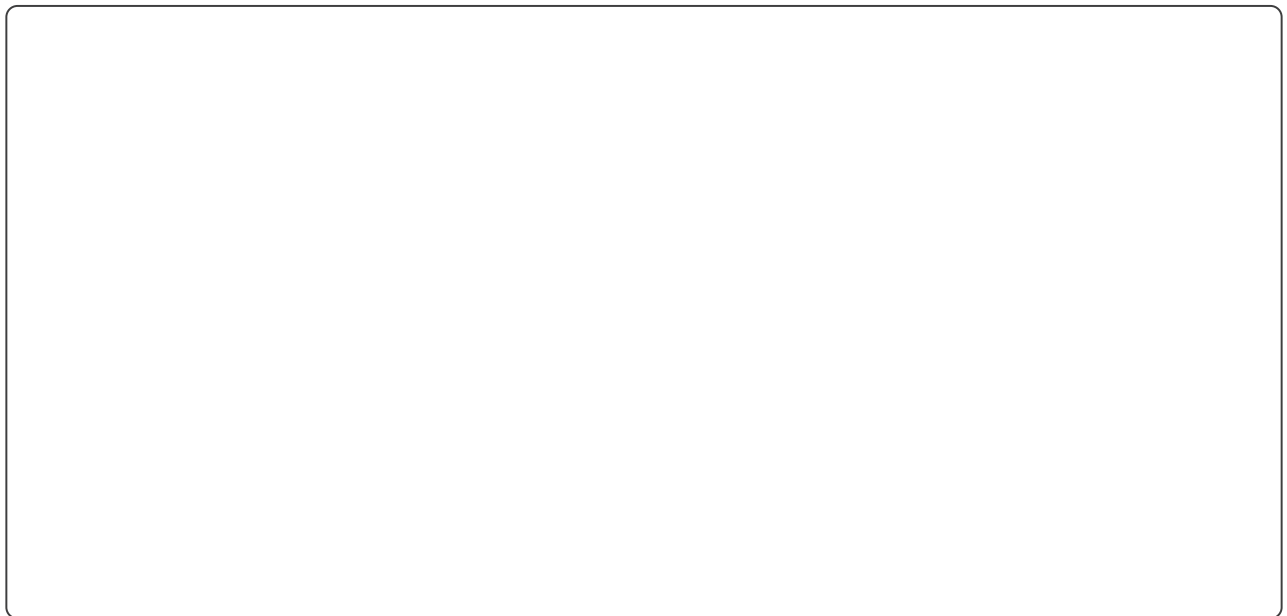
ULS ROBOTICS ETH 01 Pro
Exoskeleton
AI Learning
Mode E

CONVERSION PROCESS



ULS ROBOTICS

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