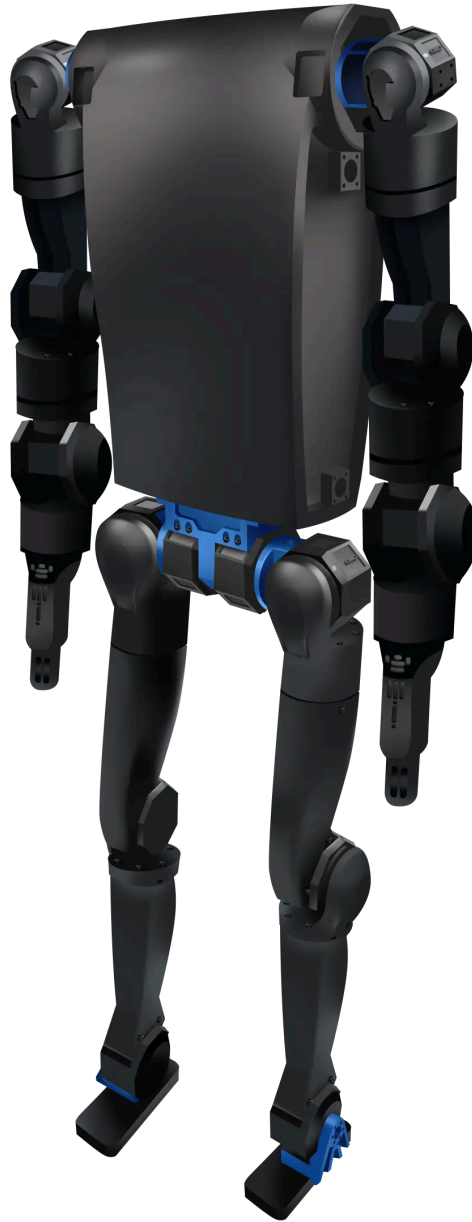


Advanced 64-DOF Humanoid Robot - Made in USA



Price: \$75,000 (Retail) | \$19,800 (Pre-order) with \$4,980 deposit

Proudly Designed, Engineered, and Built in the USA

Product Overview

Meet the only bipedal humanoid robot for sale that's proudly designed, engineered, and built in the USA. Our advanced humanoid robot is purpose-built for research, industry, and commercial use—delivering high dexterity, modularity, and durability at a price that's actually attainable.

Technical Specifications

Physical Specifications

Feature	Specification
Degrees of Freedom (DOF)	64 total (including 22-DOF hands)
Maximum Width	< 75 cm (29.5 inches)
Height	Adjustable (fits standard doorways and elevators)
Weight	Approximately 90 lbs
Payload Capacity	Up to 15 lbs
Maximum Torque	90 ft-lbs
Battery Life	8+ hours continuous operation

Navigation & Mobility

- Bipedal, human-scale design that walks through standard doors (width under 75cm)
- Capable of climbing stairs and utilizing elevators designed for human use
- Autonomous navigation in dynamic, cluttered, and non-convex spaces
- Advanced obstacle avoidance and multi-level access
- Efficient movement through complex lab layouts with irregular pathways

Manipulation Capabilities

- High-dexterity 22-DOF hands capable of handling delicate samples and equipment
- Precision arms for operating laboratory equipment and performing complex tasks
- Capability to handle objects on floors, counters, and shelves
- Repeatable accuracy for precision tasks

Software & Connectivity

- Fully programmable with Python API
- Real-time teleoperation capabilities
- Compatible with NVIDIA Cosmos for AI, simulation, and digital twin environments
- Wi-Fi and Bluetooth connectivity standards
- Digital twin/simulation environment for testing and validation

Key Features

- **Made in USA:** All hardware designed and manufactured in the United States for quality, compliance, and rapid support
- **Modular & Repairable:** Built for easy upgrades, fast repairs, and long-term serviceability with field-replaceable components
- **Safety & Compliance:** Designed for safe operation around people and sensitive equipment, with industry-standard safety features
- **Training & Support:** Comprehensive training provided for operation and basic maintenance

Applications

- Research laboratories
- Manufacturing environments
- Inspection tasks
- Hazardous environments
- Remote monitoring

- Education and research

Perfect for anyone looking to buy a humanoid robot that's robust, customizable, and future-proof. Pre-order now to secure your advanced, American-made humanoid robot.