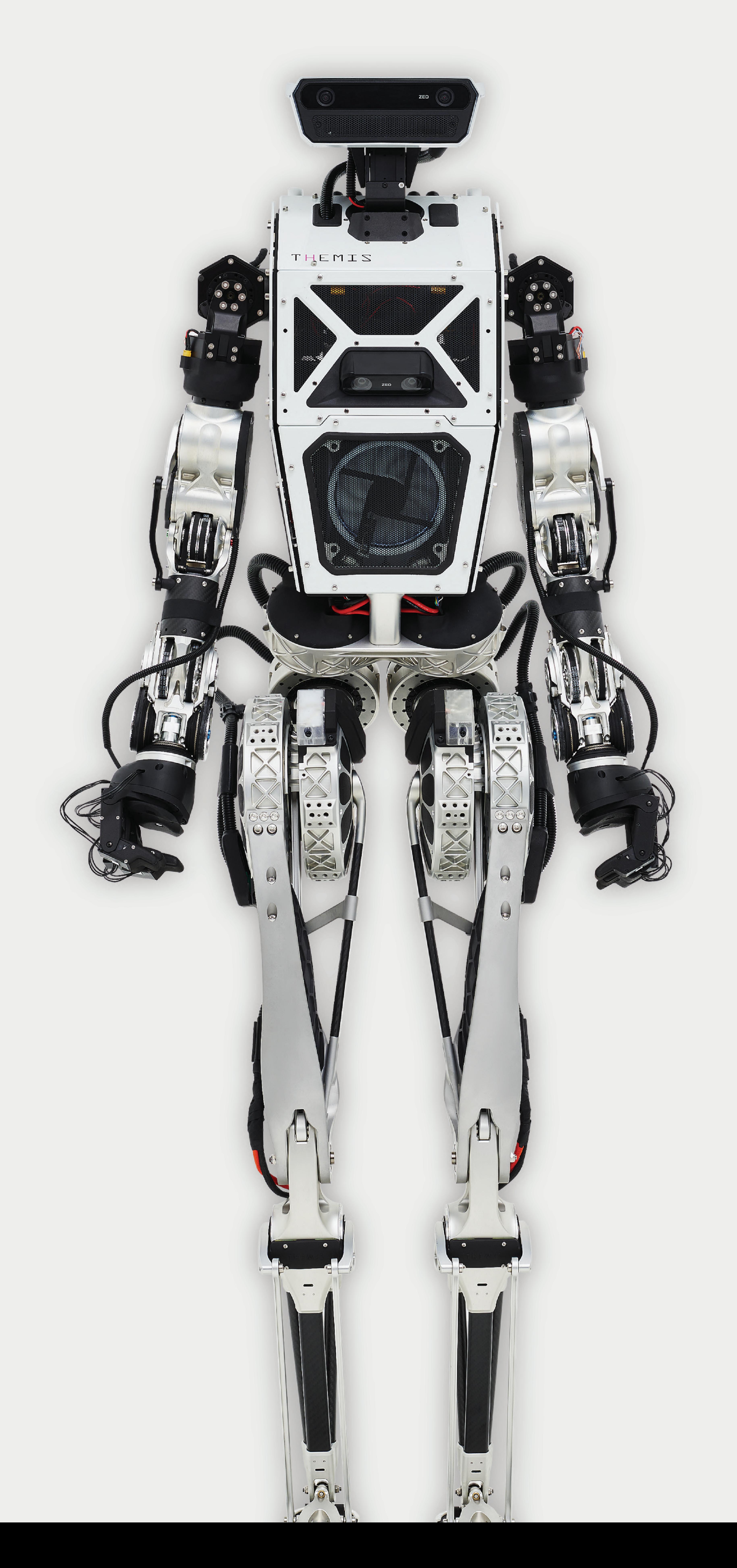


Empowering Human Workflows with Human-Centric Robotics







# THEMIS

Full-size Dynamic General Purpose Humanoid Robot

Height: 160 cm | Weight: 36 kg | DoF: 40 Hot-Swappable Batteries | Payload: 10kg



Scan to learn more at: westwoodrobotics.io/themis





# Head Unit Al Computing Power

Up to 157 TOPS dedicated for vision and manipulation planning.

#### Actuated DoF: 2

Articulated head for expressive motion and extensive camera range.

#### Stereo Camera

RGB + depth information all at a glance.



## Body Vision Computing Power

Up to 157 TOPS for ground depth mapping and foot placement planning.

#### Stereo Camera

Dedicated stereo camera for every perfect step.



#### Dual-Band Network

High-speed (1750Mbps) 2.4GHz & 5GHz wireless communication.

#### ① Wireless E-Stop

Immediate remote shutdown capability for enhanced safety.



#### Powerful Main Control Unit

Powerful 7840HS main control unit processing tasks at 1kHz.

# Massive Data Storage

Up to 8TB storage covers from operation records to critical footages.

# Optimized 6-DoF Arms

Each arm delivers precise, human-like motion with decoupled design for optimal balance.

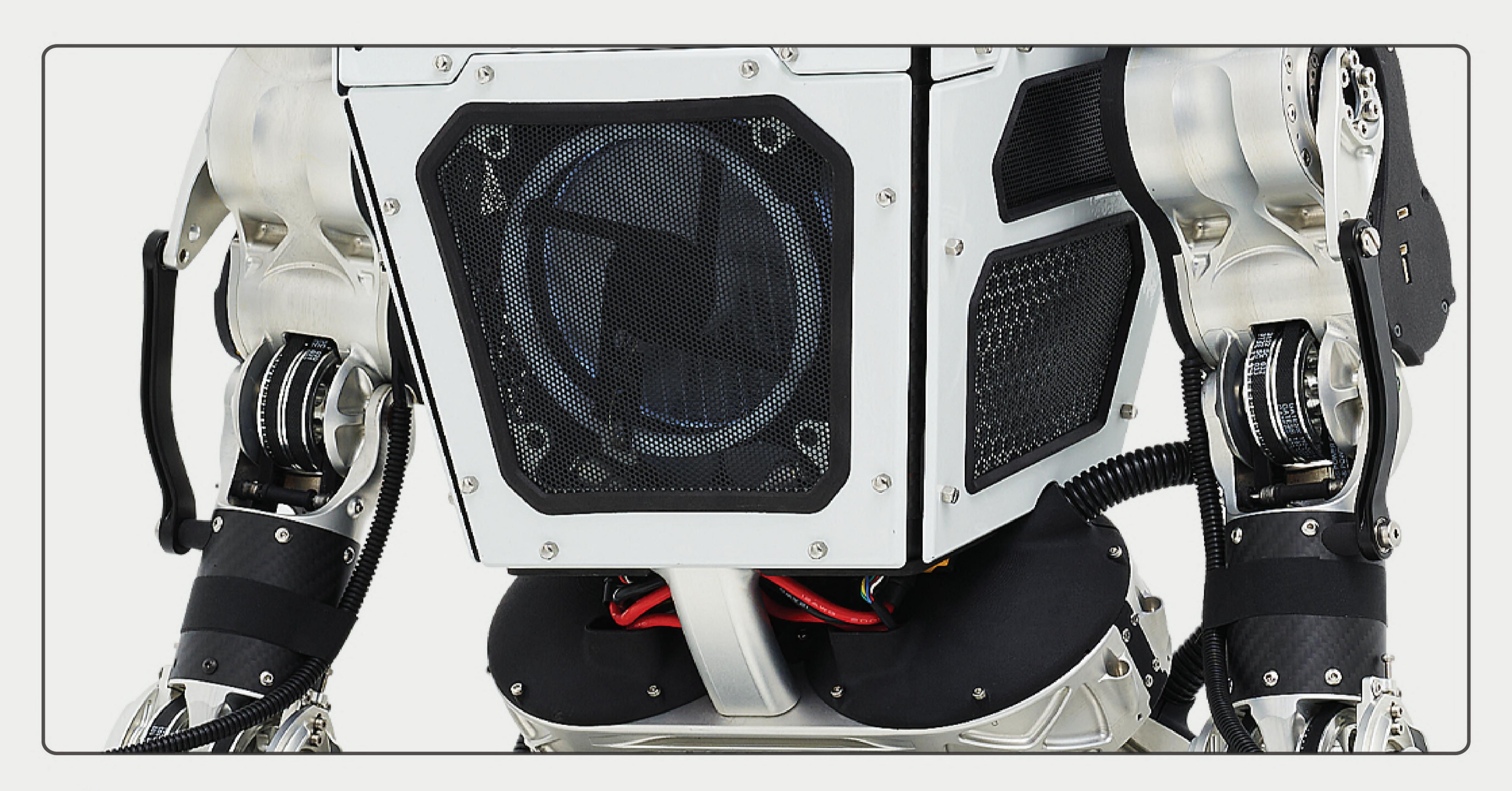
### Wide-Angle Articulated Wrist

Enables 180° pitch and 180° yaw for flexible, natural wrist articulation.

# Dexterous Adaptive Hand

7-DoF three-finger hand with force control and





### Liquid-Cooled Core Actuators

Work hard and keep cool.

# Smart Thermal Monitoring

Real-time thermal sensing ensures performance and safety.



# Dual High-Capacity Li-Ion Pack

High-density energy for 3 hours of operation.

# Hot-Swappable Battery

Hot-swap for non-stop continuous operation.

# Intelligent BMS

Smart power protection for safe operation.

# Al Augmented Humanoid OS

Our innovative Al Augmented Humanoid OS TM empowers users to control and deploy THEMIS through LLMs, pseudo code, and Al-assisted teleoperation.

THEMIS is designed to seamlessly integrate into real-world workflows.









Powered by our in-house BEAR series actuators.

Delivering exceptional agility, strength, and compliant force-controlled motion.



#### Bringing Robots Closer To People

westwoodrobotics.io



Contact us: info@westwoodrobotics.io