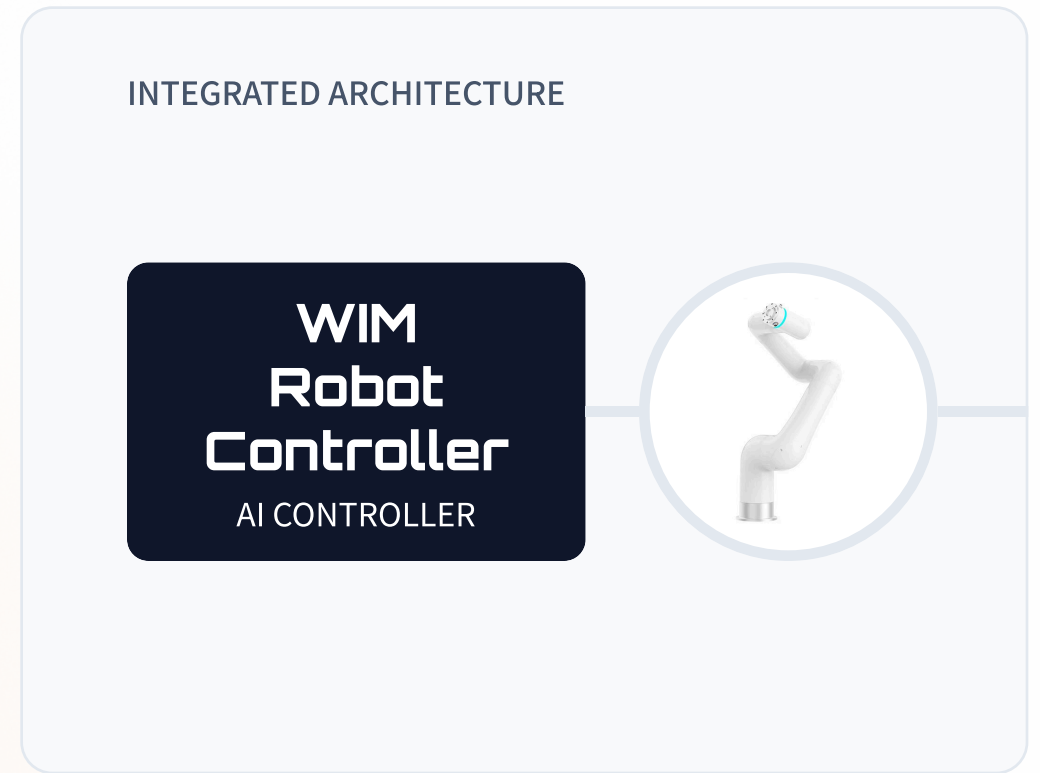


Revolutionizing Controller Costs, Democratizing Intelligent Robots

AI-MANIPULATOR is an all-in-one solution that integrates WIM Robot Controller with various robot arms through custom integration. It simplifies conventional industrial control configurations, reducing wiring and installation complexity while optimizing deployment costs.



THE BRAIN

WIM Robot Controller



WIM Robot Controller is a Physical-AI optimized controller that consolidates complex control panels and expensive computing units into a single compact module. Powered by NVIDIA Jetson's GPU, it delivers 250 TOPS AI inference and 1ms real-time motion control simultaneously. Control your robot's decision-making and motion with a single WIM Robot Controller.

250

AI Performance (TOPS)

1 ms

EtherCAT Cycle

64

Connectivity (axes)

THE BODY

Manipulator



Instantly connects with any 6-axis articulated, SCARA, or delta robot that supports industrial-standard EtherCAT communication. Upgrade to an intelligent control system while leveraging your existing robots.

3rd-Party Arm Compatible

Wide Payload Range

API/SDK Included

Custom Kinematics

Plug & Play

Instant EtherCAT Link

Vendor-Agnostic

Real-Time Motion Control

Synergy Through Seamless Integration

“The optimal brain and body combine to create value far beyond simple hardware assembly.”



Contact Us

We'll recommend the optimal solution tailored to your site.