ADLINK Software-Defined Motion Controller

APC Series



Empowering Machine Builders with Highly Flexible Motion Architectures.

- Ultimate 3-in-1 Convergence
- Simplified Software EtherCAT
- PC-Powered Control



◀ **APC-M47** Pro Series ATX Motherboard

Premium Semiconductor Control Platform

Ultimate Precision for Advanced Packaging

Applications	Advanced Die Bonding	Wafer Probing	High-End AOI

- **Soft Landing Control :** Prevents die or bump damage.
- **Sub-Micron Accuracy :** Advanced 2D/3D error compensation.
- **System Consolidation :** Integrates motion, vision, and edge computing.



◀ **APC-C47** Value Series ATX Motherboard

Mainstream Electronics Automation Platform

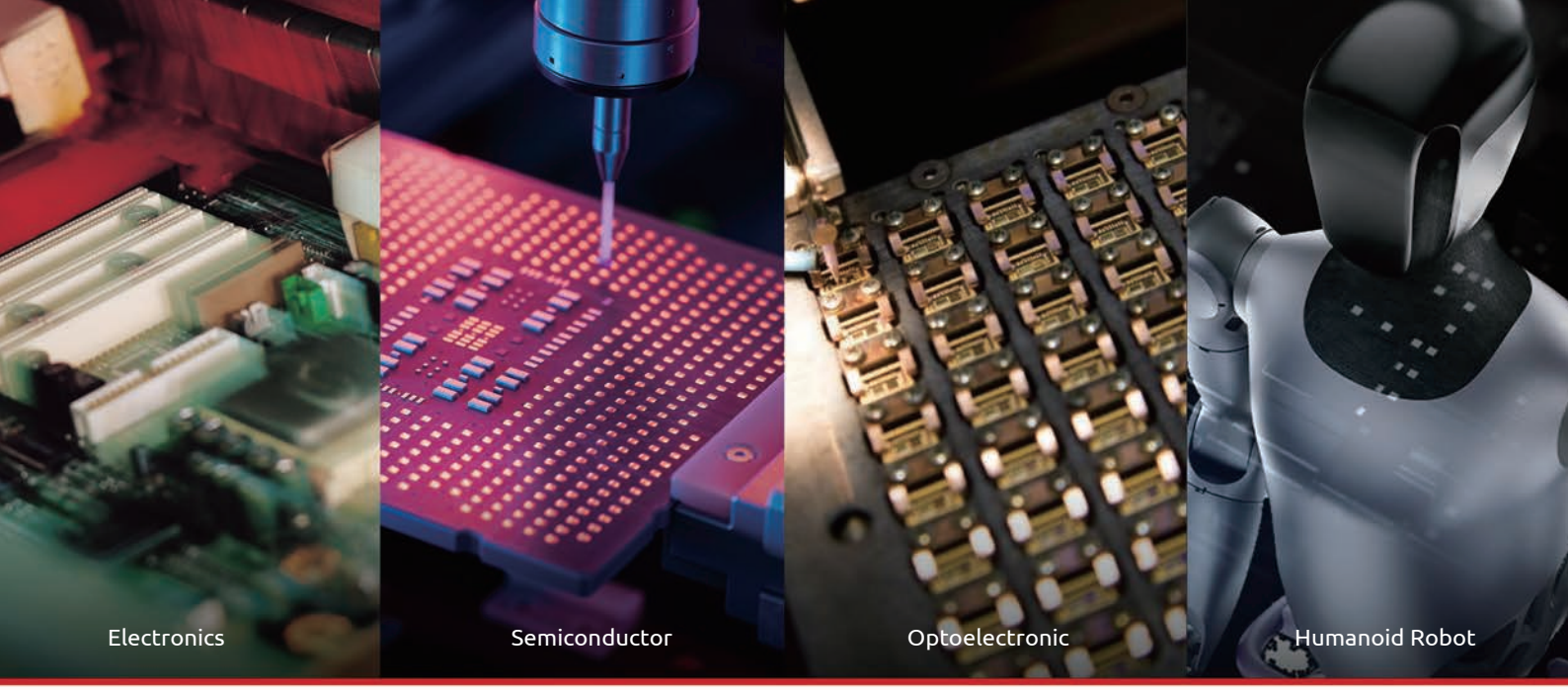
Cost-Effective, High-Throughput Automation

Applications	SMT	Component Pick & Place	Dispensing

- **Reliable Motion Control :** Built-in gantry control for smooth multi-axis sync.
- **Vision Integration :** Optimized for high-throughput, rule-based inspection.
- **Rapid Deployment :** Designed for minimized system bring-up time.

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Find the Right Fit for Your Machine

EtherCAT SuperCAT

APC SERIES



		Mainstream	Premium
		APC-C47	APC-M47
			
Control Mode	Soft Landing		●
	PT / PVT Motion Mode		●
Motion	Linear / Circular / Helical Interpolation	●	●
	E-Gear / Gantry	●	●
	2D / 3D Dynamic Error Compensation		●
Application	Position Comparison Trigger Output	●	●
	User RTOS Application Dev. Environment		●
	User Task Framework (by API supported)	●	●
Utility & GUI	IO Address Mapping	●	●
	Simulation Axis and IO	●	●
Hardware Architecture	CPU	Intel® Core™ i5-12500E	Intel® Core™ i9-14900

ADLINK LEADING EDGE AI COMPUTING

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