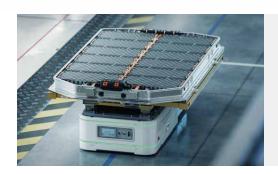


# **Robotics in Action: Success Stories**



### **Autonomous Mobile Robots**

Autonomous mobile robots (AMRs) powered by iEP-7020E series operate in factory environments with advanced navigation and obstacle avoidance capabilities, enabling automated material transport. These systems significantly enhance operational efficiency while reducing manual labor.

### **Delivery Robots**

Outdoor smart delivery robots use multi-angle vision and GPU-based image processing to enhance real-time path planning and object recognition. This ensures reliable last-mile delivery in complex urban environments.





## **Companion Robots**

Interactive pet-like companion robots integrate visual and audio processing with facial recognition and speech interaction, powered by our motherboards. Supporting autonomous control and communication, they deliver a more engaging and intuitive human-robot experience in home environments.



# ASRock Industrial's Comprehensive Edge Al Platforms for Modern Robotics

		Al computing enables	Industrial	Compact, high-performance computing for robotic	
		robotic training and centralized control	robust platform for real-time robotic Al		
CPU	GPU	Edge Al System	Edge Al Controller	Embedded Computing System	Embedded Motherboard
intel xeon	4 GPU	iEPF-11000S Series			EATX
intel core	2 GPU	iEPF-10000S Series			АТХ
	1 GPU	iEPF-9000S Series			
intel CORE: ULTRA.:	Embedded GPU	iEP-9000E Series	iEP-7000E Series	NUC BOX Series  NUCS BOX Series  iBOX Series	NUC SBC
intel. ATOM			iEP-5000G Series	NUC BOX Series  iBOX Series	NUC SBC Pico-ITX
<b>⊘ nvidiA</b> . AGX Orin	Embedded GPU		Dev Kit		
<b>⊚ nvidia</b> . Orin NX/ Nano			iEP -6020E Series iEP -6010E Series		
AMD.J ayzen Al	Embedded GPU			4X4 BOX Series	4X4

iBOX Series