

Powering Global Food Service with an AI Robotic Workforce

SensoryOS



SENSORY AI™ X **innodisk** X **intel**

By leveraging Intel® technologies, SensoryOS by Sensory AI addresses workforce shortages and fragmented workflows that drive up costs and limit service scalability.

SensoryAI brings physical AI to food service by combining Ella robotics, SensoryOS and intelligent agents in one connected platform. Showcased at Computex 2026, Ella runs on Intel® Core™ Ultra Series 3 processors and the Innodisk APEX-E400 edge AI platform, using CPU, integrated GPU and NPU resources with OpenVINO™ for local AI inference.

The architecture combines Guardian for system monitoring and fault diagnosis, Avatar for customer interaction, and Ella Agent for store intelligence. CrownD provides deterministic orchestration of the robot and preparation equipment, while SensoryOS connects telemetry, store workflows and fleet visibility with customer ordering, payments and loyalty.

This integrated hardware and software approach reduces reliance on separate AI accelerators and cloud processing, supporting responsive service and simpler deployment. Proven through live beverage service, it provides a foundation for a specialised robotic workforce across global food service.

SensoryOS by Sensory AI enables foodservice operators to scale operations with less labor through proven robotics and a unified platform.

Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra Series 3 Processors](#)



[Intel® Arc™ A-Series Graphics](#)



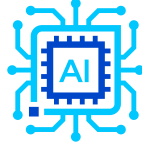
[OpenVINO™ Toolkit](#)

Key Intel-Enabled Features

Real-Time AI and analytics make it easy



Multi-Agent
Edge AI



Optimized AI
Performance



Efficient AI
Acceleration



Reduced Cloud
Costs

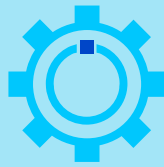
Powered by Intel® processors and optimized with the OpenVINO™ toolkit, Sensory AI and Innodisk deliver:

01



Intel® Core™ Ultra
Series 3 powers
concurrent edge AI
agents.

02



OpenVINO™ toolkit
optimizes inference
across Intel® hardware.

03



CPU, GPU, and NPU
resources accelerate AI
on a single platform.

04



Local Intel® AI
inference lowers cloud
dependence and latency.

That's the power of Intel Inside®.

Country/Geo:

Worldwide

Verticals:

Retail & Consumer;
Robotics; Physical AI

Use Cases:

Self-Checkout;
Product Recognition;
Autonomous Retail;
Robot Workforce

About SensoryAI

SensoryAI is building the robotic workforce for global food service. Proven through five years of deployments and over one million autonomous services, Ella brings physical AI into everyday life. Powered by SensoryOS and Intel edge computing, we unite robots, intelligent agents and customer experiences to transform how food service operates.

www.sensoryai.pro

[Ella Guardian Agent - Edge AI
Partner Spotlight](#)

intel ai

Intel® AI Edge Applications

About Innodisk

Innodisk is a global leader in industrial-grade memory and storage solutions, expanding into Edge AI with integrated hardware, software, and firmware expertise. Through its "Architect Intelligence" vision, Innodisk delivers building blocks for AI deployments, enabling real-time insights, accelerated edge computing, and tailored solutions for industrial and intelligent applications worldwide.

www.innodisk.com/en

[Innodisk APEX-E400 - Edge AI
Partner Spotlight](#)

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Intel® AI Edge Systems

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