

Partner Presentation

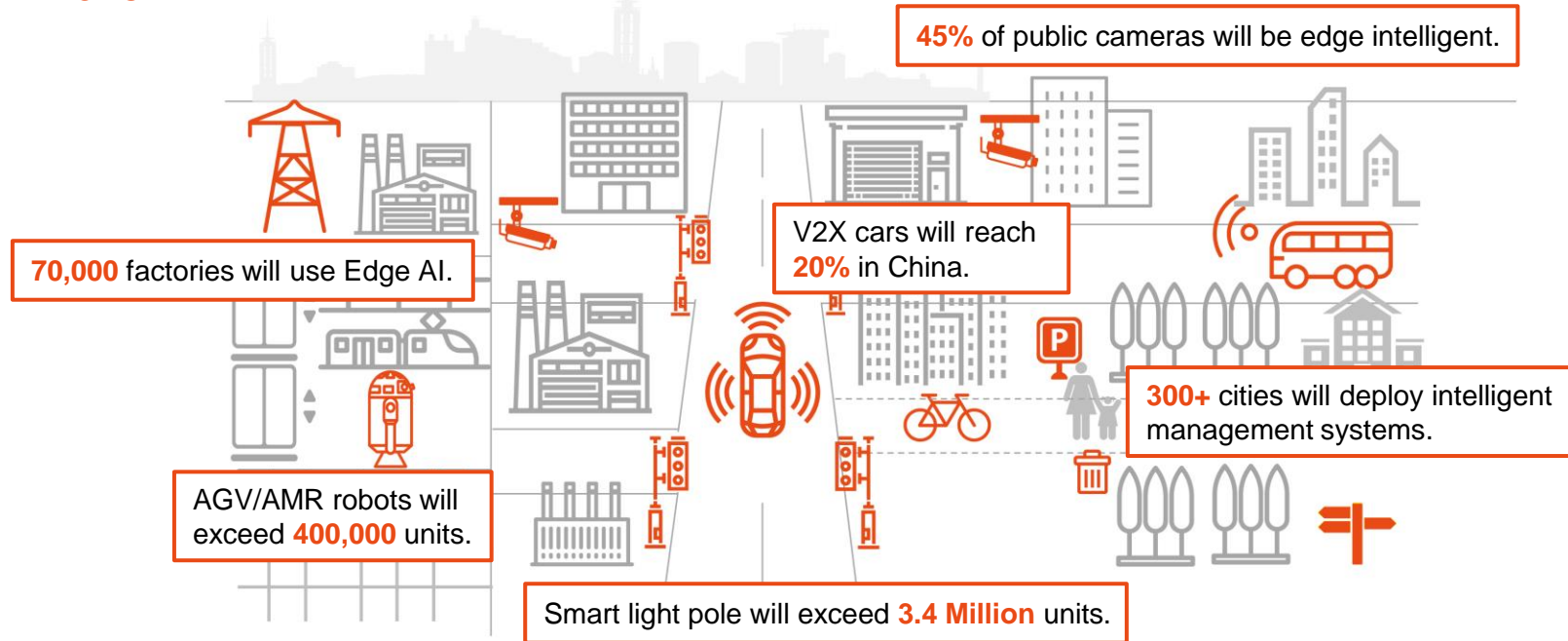
Powerful Platform Accelerates Edge AI & Computing

Peggy Yuan, Seavo Technology

SEAVO | 信 | 步 | 科 | 技 |
SEAVO TECHNOLOGY

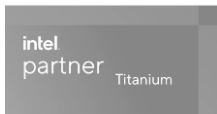
Opportunities in Edge AI & Computing

in 2025...



SEAVO - Leading AIoT Computing Platform Provider

- Focus on computing platform for **30** years, since developed the **first** Intel x86 M/B of Mainland China.
- Developed **700+** different Boards, Systems based on Intel from Atom to Xeon.
- Annual sales **1M+** pcs, holding largest market share in PRC, **10M+** deployed worldwide.
- Serving **100+** industry-leading companies in **10+** AIoT market segments.
- Intel Partner Alliance Titanium Member.



SEAVO Edge AI & Computing Solution

Computing Platform

SEAVO AI-BOX



Intel® Core™ and Celeron® processor



Toolkit

OpenVINO™

AI algorithm

Feature Recognition	Target Detection	Image Processing	Video Classification
instance segmentation	Semantic segmentation	Image Inspection

Target Markets



Retail, Robotics, Industrial, Vision, Healthcare, Security, Energy.....

SEAVO ADI Edge AI Computing Platform



High Performance

- Based on the latest **12th generation Intel® Core™ processor (codenamed Alder Lake-P)**, up to 4P+8E cores and 16 threads (TDP 12-28W).
- Support **DDR5** memory up to 4800MHz, 2*SO-DIMM up to 64GB.



Optimized AI

- **Intel® Iris® Xe Graphics** with up to 96EUs available for AI inference.
- **Intel® OpenVINO™** Toolkit and **VNNI** technology to improve AI performance.



ADI-V51 AIoT Dev. Kit



SEAVO ADI Edge AI Computing Platform



Rich I/O & Expansion

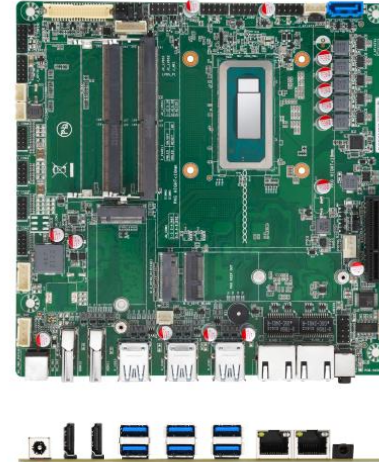
- **2*Intel 2.5 GbE LAN, 5 USB 3.2 Gen 2, 2*RS232/485/422, 1*SATA 3.0**
- **1*DP 1.4a++, 2*DP 1.4a, 1*HDMI 2.1, 1*LVDS**
DP and HDMI up to 7680*4320@30Hz
Support Quad independent Display
1*HDMI-IN
- **3*M.2 for Expansion:**
 - M.2, Key-E, 2230, support **Wifi+BT**
 - M.2, Key-B, 2280, support **4G/5G**
 - M.2, Key-M, 2280, PCIe x4, support **NVMe SSD**support **AI accelerator card based on Intel® Movidius™ Myriad™ X VPU**



SEAVO ADI Mini-ITX SBC

SV1a-23526

CPU	12th Gen Intel Core i3/i5/i7 CPU (codenamed Alder Lake -P)
Memory	DDR5-4800, 2*SO-DIMM, up to 64 GB
Storage	1*SATA 3.0
Expansion	1*PCIe x4, Gen 4 1*M.2 (Key-E, 2230, support Wifi+BT) 1*M.2 (Key-B, 2242/3052, support 5G/SATA) 1*M.2 (Key-M, 2280, PCIe x4 Gen 4)
Display	2*HDMI 1.4, 1*eDP/LVDS
LAN	2*Intel 2.5GbE LAN
USB	6*USB 3.0, 7*USB 2.0
COM	5*RS232, 1*RS232/RS485
Others	Audio with MIC/ Line-out/ Amplifier, 8*GPIO
Dimension	Mini-ITX (170*170mm)



Vertical Markets of Edge AI



Retail

- Customer behavior analysis
- Facial recognition payment
- Shelf inspection & Inventory management



Industrial

- Machine vision
- Product defect detection
- Equipment anomaly inspection



Robotics

- Service robots for delivery, cleaning, access control
- AGVs/ AMRs in Production, warehouse and logistics



Security

- Public surveillance
- Employee behavior detection
- Smoke and fire detection



Transportation

- Autonomous driving, V2X
- ETC/ EPTC car plate detection
- Smart light pole



Healthcare

- AI medical imaging diagnosis
- IVDs, HMI, Intelligent nursing
- Telemedicine

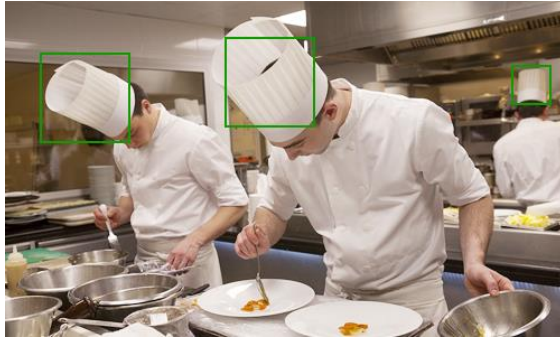


Energy/ Agriculture

- Power consumption optimize
- Energy management
- Smart livestock & agriculture

Solution - “Bright Kitchen”

The “Bright Kitchen” solution is to use AI vision to help restaurant managers better supervise the kitchen and enhance customers' confidence in food safety.



Chef hats detection

Chef masks detection

Unhygienic behavior detection

Rats detection

Cameras



OpenVINO™



ADI-V51



Real-time monitoring
Exception marking



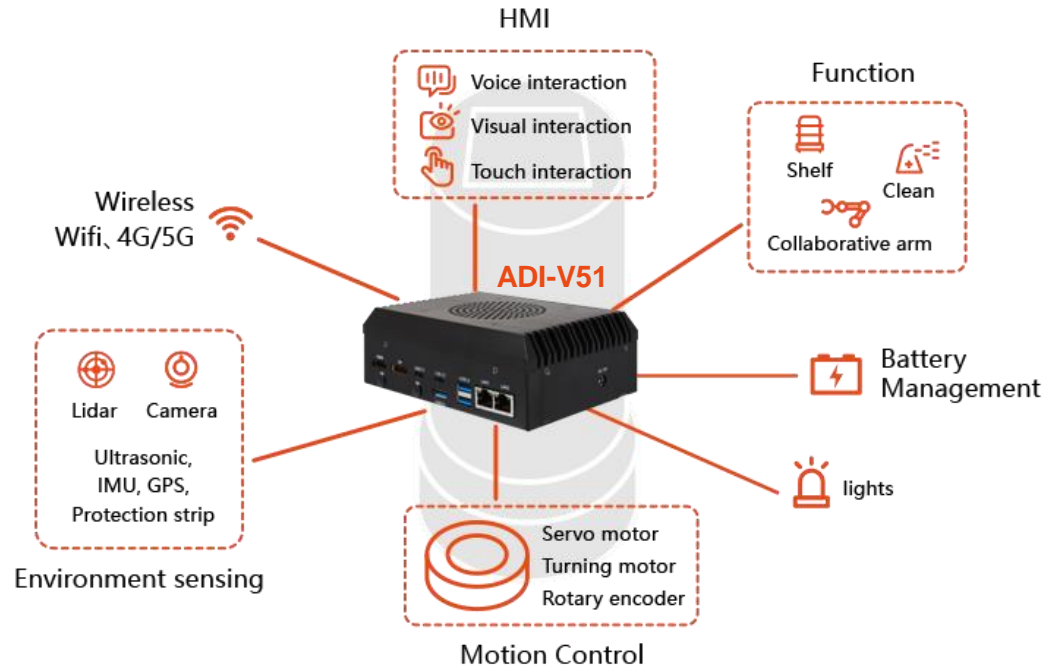
Remote checking
Notices informing



Alarm

Solution - Robotics/ AMR

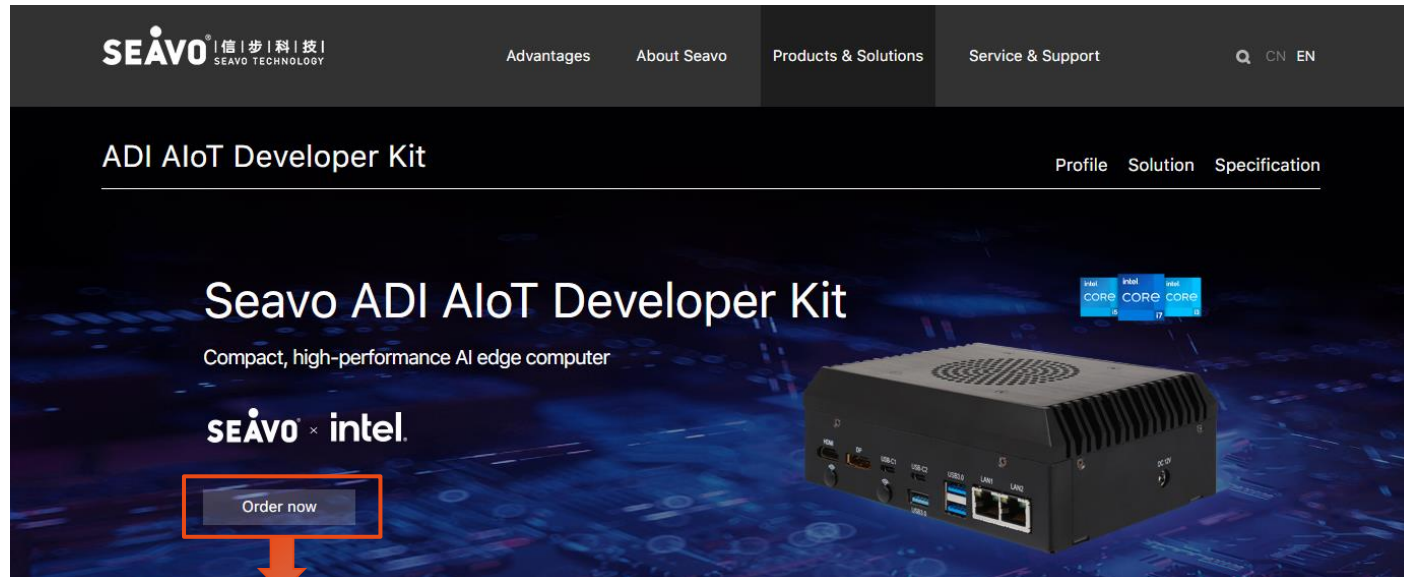
With features of high performance, low power, compact design, rich I/O, SEAVO ADI can easily meet the requirements of service robots, AMR in hospitals, restaurants, hotels, factories, etc.



Order SEAVO ADI

Landing page: https://www.seavo.com/en/adi_devkit/

Email: yuanzl@seavo.com



The screenshot shows the SEAVO website's product page for the ADI AIoT Developer Kit. The top navigation bar includes the SEAVO logo with the tagline '信 | 步 | 科 | 技 |' and 'SEAVO TECHNOLOGY', and menu items for 'Advantages', 'About Seavo', 'Products & Solutions', and 'Service & Support'. A search bar with 'CN EN' is also present. The main heading is 'ADI AIoT Developer Kit' with sub-links for 'Profile', 'Solution', and 'Specification'. The product title 'Seavo ADI AIoT Developer Kit' is prominently displayed, followed by the description 'Compact, high-performance AI edge computer'. Below this is the 'SEAVO x intel.' logo. A dark 'Order now' button is highlighted with a red box and an orange arrow pointing downwards. To the right, a black, compact hardware device is shown with various ports (HDMI, DP, USB-C, USB-A, LAN, DC-IN) and an Intel Core i7 processor label.

Contact with **SEAVO** and order ADI AI-BOX or SBC.

The background features a complex, abstract pattern of glowing, overlapping lines in shades of blue, purple, and yellow, creating a sense of depth and movement. A semi-transparent red rectangular box is positioned on the left side of the image, containing the text.

Thank you
for watching!

Intel Legal Notice and Disclaimer

Intel technologies may require enabled hardware, software or service activation.

No product or component can be absolutely secure.

Your costs and results may vary.

Code names are used by Intel to identify products, technologies, or services that are in development and not publicly available. These are not "commercial" names and not intended to function as trademarks.

Intel is committed to respecting human rights and avoiding complicity in human rights abuses. See Intel's [Global Human Rights Principles](#). Intel's products and software are intended only to be used in applications that do not cause or contribute to a violation of an internationally recognized human right.

© Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

Intel Global Human Rights Principles

Human rights are the fundamental rights, freedoms, and standards of treatment to which all people are entitled. Respect for human rights is rooted in our values and applies wherever we do business. Intel's Global Human Rights Principles (the "Policy") formalizes Intel's commitment to respect human rights and embodies common principles reflected in the United Nations (UN) Global Compact, the Universal Declaration of Human Rights, the UN Guiding Principles on Business and Human Rights, core International Labour Organization Conventions, the Organization for Economic Co-operation and Development Guidelines for Multinational Enterprises, and the laws of the countries in which we operate. At Intel, we are committed to maintaining and improving systems and processes to avoid complicity in human rights violations related to our own operations, our supply chain, and our products. Intel has established an integrated approach to managing human rights across our business. In addition to board-level oversight and senior-level Management Review Committees, we have established a cross-functional human rights steering committee. Multiple teams across the organization are responsible for conducting due diligence and implementing policies and procedures to address our salient human rights risks and support our adherence to the policy.