

AI-Based Mobile Robots

- GigE PTP LAN, GMSL, USB interface to support camera, Lidar, Radar and other sensors
- Ruggedized M12 IO ports designed for harsh environments
- Multiple M.2 expansion slots for flexible configurations
- NVIDIA Isaac™ and Deepstream SDK for robotic application



Serves Flexible Configurations & Features In-Vehicle Ready Functions



Autonomous Machines

- 8 GMSL automotive cameras for long distance with low latency
- IP67 Protection, Anti Shock and Vibration, Software Ignition Control
- Isolated CAN-FD and digital input output enable secure communications
- In-band and out-of-band management for remote device control

NVIDIA® Jetson AGX Orin™ Computing Systems



EAC-5000

- 8 GMSL 2 or 4 PoE+ camera interface
- 6 GigE LAN, 1 PCIe x8 Slot, 2 CAN, 16 DIO, 4 M.2
- SW Ignition Control, Out-of-Band Management



RAC-1000

- IP67 Protection, MIL-STD-810G Rugged Design
- 8 GMSL 2, 2 GigE LAN, 2 COM, 2 CAN, 2 USB 3
- 9V to 50V DC-in, -25°C to 70°C



NAC-1000

- Support full NVIDIA ISAAC Perceptor
- 4 GigE LAN support gPTP, 8 GMSL2
- IP66 protection, 9V to 50V with Ignition Control

NVIDIA® Jetson Orin™ NX/Nano Computing Systems



EAC-4000

- 1 GigE LAN, 4 USB 3, 2 COM, 1 4K60 HDMI
- 1 Mini PCIe for 4G/WiFi/BT with SIM
- Small Form Factor, Cable-less design



EAC-6000

- 2 GigE LAN, 2 COM, 7 GPIO, 1 CAN FD
- 4 GMSL 2 or 4 PoE+ camera interface
- 3 M.2 for 5G/4G/WiFi/BT, Dual SIM Socket



RAC-2000

- 8 GMSL, 2 F9P GNSS, 4G/5G/WiFi
- 4 GigE and 1 1000BASE-T1 LAN
- 1 HDMI, 4 USB, 2 CAN and Software Ignition Control

ECX

4000



Intel® Core™ Ultra 200S Series Processor (Arrow Lake)
High Performance Fanless AI Computing System

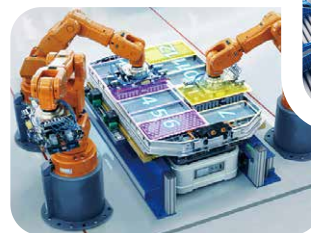


^ AI-powered Cargo



- Intel® Core™ Ultra 200S Series processor (Arrow Lake) running with Intel® W880 PCH, up to 24 cores
- Intel® Integrated NPU and Xe LPG GPU, up to 36 TOPS
- 2 DDR5 6400MHz Memory up to 96GB, optional ECC
- 2 10G SFP+, 8 2.5GigE LAN with 4 PoE+, 1 GigE LAN
- 6 USB 3.2 Gen 2, 16 Isolated DIO, 4 COM
- Expansion : 2 M.2 Key B, 1 Key E; optional SUMIT A, B
- DC 9V to 50V Redundant Power Input, Software Ignition
- Intel® vPro, TSN, TCC, and TPM 2.0
- Optional VHub AIoT Solution Service supports OpenVINO™ Toolkit for Edge AI applications

▼ Machine Vision



^ Intelligent Logistics



OpenVINO™



VHub

Vecow

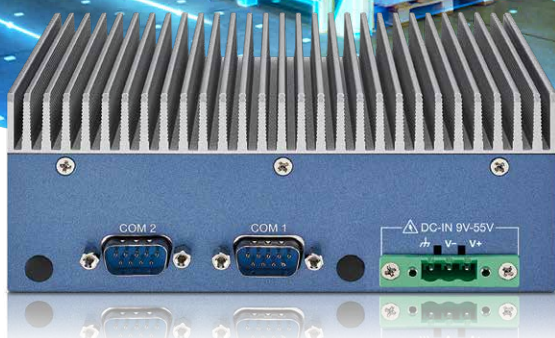
SPC 9000

Intel® Core Ultra Processor
Ultra-compact Fanless AI PC

2.5GigE 5G



▲ Robotic Slam



- Intel® Core™ Ultra processors feature a hybrid CPU/GPU/NPU architecture, improving CPU productivity by up to 14%.
- Intel® AI Boost NPU delivers 11 TOPS AI-focused performance
- Compact Design, fanless -40°C to 75°C Operation
- DC 9V to 55V Power Input, Software Ignition Power Control
- 2 USB 3.2 Gen 2, 1 USB 3.2 Gen 2x2 Type-C with DP, HDMI 2.1 and DisplayPort 1.4 support up to 4K resolution
- 2 2.5G LAN, 3 M.2 Socket for storage and expansion
- Optional SUMIT B expansions for 10GigE LAN, 10G SFP+, 4G Networks or SIM Sockets
- Supports Intel® vPro, TSN, TCC, and TPM 2.0
- Optional VHub One-Stop AIoT Solution Service supports OpenVINO™ toolkit for AI Computing



▼ Intelligent Vending



▲ Factory Automation



OpenVINO™



VHub

Vecow

EVS

3000 LIQ



Intel® Core™ i9/i7/i5/i3 Processor (14th Gen)
Expandable Liquid Cooling AI Computing System



^ V2X, Traffic Vision



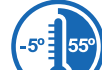
- Workstation-grade Platform: Intel® Core™ i9/i7/i5/i3 Processor (14th gen) running with Intel® R680E PCH supports max 65W TDP CPU
- Up to a 115W MXM GPU with 1 PCIe card expansion
- USB 3.2 Gen 2x2 offers a max speed of 20Gbps
- DC 9V to 55V wide range power input, Software Ignition
- Remote devices Out-Of-Band management powered by Allxon
- Innovative Liquid Cooling Solution serves 5°C to 55°C fanless

▼ Rolling Stock



^ In-vehicle Computing

intel
partner
Gold
IoT Solutions



Vecow