Your Trusted Partner- In-Vehicle Computing

In 2021, SINTRONES officially partnered with AUO to explore the business of an intelligent transportation ecosystem. A strategic partnership in AIoV connected vehicle solutions has been established, and SINTRONES is capable of providing cutting-edge commercial vehicle networking solutions and vehicle display technology. The partnership will bring a one-stop solution for various intelligent transportation needs.

SINTRONES is a world-renowned and ISO 9001 & IRIS ISO/TS 22163 certified company of in-vehicle computing systems. We provide our customers with high-quality products that meet international standards and certification, including EN50121, EN50155, E-Mark, IEC60945, IACS E10, DNV, and MIL-810.

Our team has years of product design and sales experience in X86 platforms and vertical system integration. Our in-vehicle computing products were awarded several patents in many countries. With reliable and robust engineering ability in R&D, SINTRONES provides stable and high-quality product solutions that align with customers' short and long-term needs. We are proud of the passion, agility, and efficient, professional service we offer.

SINTRONES in-vehicle computing solutions aim to complement our customers' success. We thoroughly integrate global sales support, R&D, product planning, and marketing resources to perform professional, high-quality, and simultaneous services and create maximum value for our customers with the best products. SINTRONES in-vehicle computing solutions have been widely adopted and approved by many industries and well-known international brands.

Contact us now to learn more about our significant use cases!

SINTRONES
In-Vehicle Computing

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ISO 9001:2015

IRIS Certification

www.sintrones.com

SEP-23-003

SINTRONES
In-Vehicle Computing

5G

IRIS Certification

Intelligent Transportation Systems

Certified Fanless Computers

IN-VEHICLE COMPUTING
EMBEDDED COMPUTING
EDGE AI COMPUTING
DISPLAY COMPUTING

Digital Cluster

Intelligent Cockpit

IBOX-500

- NXP's EdgeVerse™ Edge Computing Platform
- i.MX 8X Family Automotive Grade SoC
- Support 5G / GPS / Wi-Fi / Bluetooth
- Smarter Vehicle Power Ignition
- 9V - 60V DC Power Input
- Flexible Deployment & Effortless One-Cable Connection
- Onboard LPDDR4 3GB / eMMC 5.1 32GB / 9-Axis sensor / 3 x CAN Bus (FD)

In-Vehicle Monitor

VDM-700HD / VDM-101HD

- VDM-700HD: 7" / 16 : 9 / 1280 x 720 / Front Panel IP65
- VDM-101HD: 10.1" / 16 : 10 / 1280 x 800 / Front Panel IP65
- Contract Ratio: 1000 : 1
- Secondary Video Input (HDMI)
- Projected Capacitive Multi-touch
- 9V - 48V DC Power Input
- Operating Temp.: -4 to 140°F (-20~60°C)
- Effortless One-Cable Connection
- Vehicle Regulation E-Mark

In-Vehicle Computing

VBOX-3611-4L

- Intel® Core™ i7-6600U Processor, Up to 3.40 GHz
- Support Dual 5G Modem (VBOX-3611-4L-D5G)
- 9V - 48V DC Power Input
- Smarter Vehicle Power Ignition
- Dual Hot-swappable SATA Storage, RAID 0, 1, 5
- 1 x CAN Bus 2.0B (optional)
- Patented Thermal Design
- E-Mark & EN 50155 Certified

Integrated Vehicle Solution

Edge AI - GPU Computing

ABOX-5210(G)

- Intel® Core™ i9-10900TE Processor, Up to 4.60 GHz
- Support NVIDIA® RTX™ A4500 / A2000 / 3000 / T1000 GPU
- Support 5G / LTE / GPS / Wi-Fi / Bluetooth / CAN Bus
- 8 x DI & 4 x DO
- 3 x RS-232 / 422 / 485
- Dual Hot-swappable SATA Storage RAID 0, 1, 5
- 9V - 48V DC Power Input
- Operating Temp. : -40 to 158°F (-40 to 70°C)
- 10 x GbE RJ45 (Optional 8 x PoE / 8 x M12 Connectors Available)
- Rolling Stock EN 50155 & EN 50121-3-2 Certified

In-Vehicle Computing

VBOX-3630 / VBOX-3630R-M12X

- Intel® Core™ i7-1185G7E Processor, Up to 4.40 GHz
- Support 5G / LTE / GPS / Wi-Fi / Bluetooth / CAN Bus
- Smart Power Ignition Management
- Support 4 Independent Display
- 1 x 2.5 GbE, 3 x GbE (Optional PoE Function / M12 Connector Available)
- 9V - 60V DC Power Input (VBOX-3630) / Isolated 24V - 110V (VBOX-3630R-M12X)
- E-Mark & EN 50155 Certified

AMR / EV Fleet Management

ABOX-5211

- Intel® Core™ i9-10900TE Processor, Up to 4.60 GHz
- M.2 AI Acceleration Module Supported
- 8 x DI, and 4 x DO
- 4 x RS-232 / 422 / 485
- 3 x M.2 2280 Key M Support NVMe SSD
- 9V - 60V DC Power Input
- Operating Temp.: -40 to 158°F (-40~70°C)
- 8 x GbE RJ45 (Optional 8 x PoE)
- Patented Design of Backup Battery Kit

EVSE HMI Solution

EV Charging Station / Fleet Management

VBOX-3131

- Intel® Celeron® Processor N3060, Up to 2.48 GHz
- Support 5G / LTE / GPS / Wi-Fi / Bluetooth
- Ultra-compact Design for Easy Installation
- Smart Power Ignition Management
- 9V - 60V DC Power Input
- One-Cable Connection for VDM Series Display
- Patented Design of Backup Battery Kit

Embedded Computing

SBOX-2622

- Intel® Core™ i7-1185G7E Processor
- Intel® Iris® Xe Graphics
- Triple Display Output (2 x HDMI/VGA)
- Support 5G / LTE / Wi-Fi / Bluetooth
- 4 x DI & 4 x DO (5V/100mA)
- 4 x RS-232 / 422 / 485
- 9V - 36V DC Power Input
- Wide Range Operating Temp. : -22 to 140°F (-30~60°C)

Embedded Computing

SBOX-2321

- Intel® Atom® x6416RE Quad-Core Processor
- Independent Display Output (DisplayPort / DVI-D)
- 2 x 2.5 GbE with TSN Hardware Ready
- 2 x RS-232 / 422 / 485
- 4 x DI & 4 x DO
- 3 x M.2 Slots for Expansion
- 1 x SATA 6Gb/s, 1 mPCIe with USB 2.0
- 9V - 36V DC Power Input with OCP, OVP
- Wide Range Operating Temp: -40°C to 70°C
- 182 x 171 x 54 mm with Fanless Design