ARBOR

Machine Learning

Artificial Intelligent

Problem Solving

Algorithm

Neural Networks

Pattern Recognize

Data Mining

Industrial Automation

Automation Controllers

Transportation Computers

Digital Signage Players

Industrial HMI

Slim Panel PCs

Machine Vision Controllers

Kick-start Zero Defects on the Production Line

Machine Vision technology can avoid mistakes occurring on production lines when the human brain gets distracted and tired. ARBOR' Machine Vision controller has developed highly reliable, low power systems to enable the swift, efficient and precise identification, and removal of faulty goods on a production line. Moreover, it can operate 24 hours a day to enhance quality assurance to its highest level and remains focused on the job, irrespective of external factors.

Speed-up Production

Vision systems offer consistent accuracy at high speeds, and for long periods of operation which decreases order lead times and faster shipping turnarounds.

Higher Quality

Detecting a component's measurement and misplacement produces higher quality products and ensures a higher level of customer satisfaction.
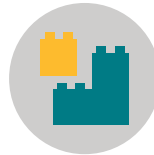
Reduced Costs

Defective parts are immediately removed from the process in the early production stages while scaling down the amount of labor needed to operate equipment.

Product Features

Data Capacity

The storage and bandwidth needed to handle vast amounts of data

Modular Scaling

Modularized expansion chassis allow for easy installation

Secure Configuration

Support TPM 2.0 security for data protection

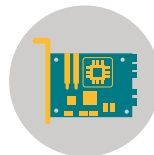### Reliable Power

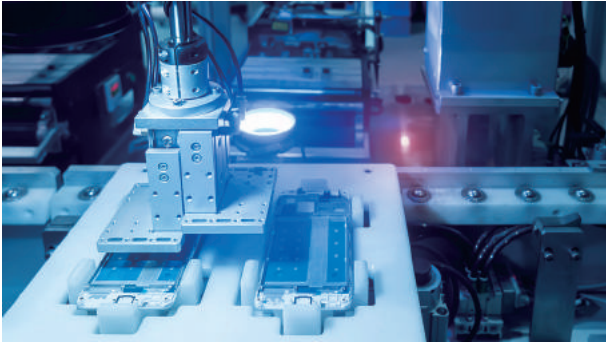Suitable thermal engineering for high-power draws

Gigabit Ethernet

GigE Vision/ USB 3.0 to support main stream IP cameras

Peripheral Integration

Support combinations of PCI and PCIe for frame-grabber cards

Mobile Phone Inspection (AOI)

In China, a smartphone manufacturer replaced manual inspection for ARBOR's Machine Vision Controllers. The automated identification and removal of defective products helped to prevent bottlenecks. It also contributed to significant increases in speed, accuracy which resulted in notable cost savings.

Bottling Line Automation/ Food and Beverage Processing

A can manufacturing factory selected ARBOR's Embedded Controller with four Power-over-Ethernet 802.3af compatible LAN ports, ARES-1970-E, to connect smart cameras for scanning production lines and detect potential problems on glass bottles, caps, tags and packaging. Also, the ARES-1970 was also chosen for drug, food and beverage processing, tracing and testing equipment in China

The Efficient Check of Vehicles

Outside of the factory, ARBOR's Machine Vision Solutions are used by Eurotunnel for the efficient check of vehicles wishing to cross the channel. Incorporating number plate recognition, the machines are able to automatically display on-screen information that is directly relevant to individual passengers. This helps to keep waiting times down, as well as preventing those without a booking from entering.

Featured Products

| FPC-7900 Series	FPC-9002-P6	ARES-1970-E	ARES-1965
High Performance Fanless Embedded Computers	High Performance Embedded Computer	Compact Fanless Embedded Computer	Entry-level Machine Vision Computer

Automation Controllers

Bringing Industrial Strength to IIoT Applications

ARBOR's automation controllers consolidate high performance CPUs, wide operating temperature ranges, wide voltage ranges, rich I/O options, and highly expandable capabilities for use in industrial automation applications. With the advent of smart factories, PC-based IoT controllers play a critical role in enabling IIoT applications. Our offerings targeting areas like machine vision and predictive maintenance can help customers accelerate IIoT deployment for intelligent manufacturing.

Real-time Communication

From the computing platform itself to the GPU and network interfaces, ARBOR's automation computers use selected components to ensure real-time communication between control systems and the factory floor.
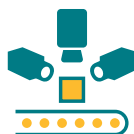
Addressing AOI Demands

Featuring USB 3.0 and GbE PoE interfaces and robust expandable design, ARBOR's automation controllers meet the ever increasing demands of Automated Optical Inspection (AOI) applications.

Predictive Maintenance

Our SuperCap power systems are equipped with sensors for gathering power-related data from automation controllers. By recording and transmitting information to the cloud for data analysis, warning signs can be spotted for predictive maintenance.

X-Ray Inspection for Food Safety Process

- Location: UK
- Service & Product: FPC-7900

Mobile Phone Inspection

- Location: China
- Service & Product: FPC-9002-P6

Bottling Line Automation

- Location: China
- Service & Product: ARES-1970-E

Featured Products

ARES-1970-4P/4E	FPC-9002-P6	ARES-1970-E	SCP Cube

Transportation Controllers

Internet of Vehicles on the Move

The Internet of Vehicles (IoV) is the inevitable technological convergence of mobile internet and the Internet of Things that enhances networked management of communication, safety within a vehicle fleet, with the advancement of high speed wireless connection, making data streaming faster for better passenger infotainment, digital signage capability and surveillance quality.

Reliable Connections

- Shock & vibration resistance
- M8/M12 connections
- Isolated RS-232/422/485 & DIO
- CAN BUS support
- Isolated NMEA 0183
- Fanless and wide temperature design

Uninterrupted Communication

- Wi-Fi & Bluetooth support
- WWAN SIM card socket (3G, HSUPA and LTE/4G)
- GPS support (Glonass, Galileo, BeiDou and QZSS)
- External SIM card socket

Reliable Power Safety

- Power ignition ON/OFF delay.
- Wide DC power input range
- Low voltage protection switch
- Reverse power input protection
- Overvoltage protection
- Supercapacitor power backup

Passenger Infotainment Service

- Location: USA
- Service & Product: ARTS-1450

Fleet Management

- Location: Belgium
- Service & Product: Gladius GT78-V

Road Safety with LiDAR Sensor

- Location: USA
- Service & Product: ODM Vehicle PC

Featured Products

FPC-9000-V1	ARTS-1450	ARTS-4770	Gladius GT78-V	AES-5204

Industrial-grade Panel PCs

Next-Generation HMI for Industry 4.0

ARBOR's ASLAN-W900 panels PCs combine Intel® Core i5 2.4GHz processor, multi-touch interface and flexible add-on capability to simplify dynamic control and display operations for efficient system productivity. Built with rugged chassis, either of stainless or SGCC steel, the ASLAN-W900 panel PCs deliver various sizes, durable, multi-tasking and scalable usability to fit perfect for industry 4.0 applications running in Windows and Linux OS systems.

Fanless Touch Panel

Featuring industrial components and fanless design for non-stop operation

Industrial-grade Ruggedness

IP65-rated and 7H anti-scratch panels for waterproof protection and dust resistance

IIoT-ready Connections

Equipped with rich I/O, PCIe, RFID, NFC, front camera and barcode reader connectivity

Smarty Factory / Machine Automation

Intelligent Building / Transportation

Kiosk POS / Rugged Infotainment
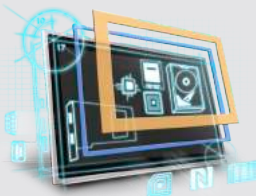
Customized Touch Panel PC

For companies with unique requirements, ARBOR offers customized touch/kiosk panel PCs with rich I/O options, open frames for automation system integration, process manufacturing, HMI interfaces, intelligent transportation, machine automation and OEM manufacturing. Contact ARBOR today with your sales inquiries.

Industrial HMI Solutions

ASLAN-W922C-IP	ASLAN-W910C	ASLAN-917R	LYNC-715-4200G4	TOKIN-6153
21.5" 16:9	10.1" 16:10	17" 4:3	15" 4:3	15" 4:3

Ultra Slim Panel PCs

Limitless Versatility via ARM-Based Architecture

IoT-800N is an 8" HMI based on the powerful Quad-core ARM Cortex-A35 processor. The system runs on Android 8.1 and is designed to meet demanding applications where performance matters.

Rugged & Reliable

IoT-800N features a high resolution display, capacitive touchscreen and computer into one easily deployable package. The panel maintains an IP-65 rating and is engineered to operate in high shock, vibration and temperature ranges (up to -10°C ~ 50°C / 14°F ~ 122°F).

Connectivity for Every Application

IoT-800N is a true Internet of Things device, with standard wireless features such as 802.11 a/b/g/n/ac Wi-Fi, Bluetooth 4.0, GPS, 3G/4G connectivity and NFC to keep your systems and processes connected.

Rich I/O

The panel is equipped with 1 x RS-232 port, 1 x RS-232/422/485 port, 2 x High Speed USB ports, 8MP camera, integrated speakers and a built in microphone. IoT-800N is unique in that it comes equipped with CAN BUS 2.0B and ignition detection capability, making it ideal for specific applications like fleet management.

Slim Panel PC Solutions

5"	8"	10.1"	10.1"
IOT-500	IOT-800N	M1016	PC1017

Digital Signage

Stunning 4K/UHD Video Wall Solution with Six Displays

Powered by Intel® Core-i series processors to ensure high performance for multitasking applications, ARBOR's ELIT-1900 is an ultra slim digital signage player that supports 4K UHD video playback, delivering an immersive viewing experience with up to six displays.

Independent 6 Displays from One Small Controller

ELIT-1900 is designed with 6 built-in HDMI outputs that provide a vibrant visual experience with 4K graphics and complex multimedia features within a slim form factor.

Stunning 4K Ultra HD Performance

ELIT-1900 is powered with a custom AMD Radeon™ discrete embedded graphics board for smooth playback with your ultra high definition content.

Removable HDD for Easy Maintenance

To ensure convenience when performing maintenance, ELIT-1900 is designed with an easily removable 2.5" storage tray at the front of the enclosure. The tray is fitted with large, tool-less thumbscrews, making upgrade and repair fast and easy.

Rich I/O Design

ELIT-1900 offers rich I/O connectivity with multiple USB 3.0 ports, RS-232/485 and a full-size mPCIe slot with SIM socket for optional Wi-Fi, WWAN or I/O expansion support.

Digital Signage for Airports

One of the busiest aviation hubs in Asia, Incheon Airport, used ARBOR's digital signage solutions to achieve greater durability and stability for both their flight information and baggage control systems. The flexibility of ARBOR's solutions allows Incheon Airport to provide quick and accurate flight information services for passengers, resulting in better customer satisfaction.

Digital Signage for Vehicles

ARBOR's expertise in transportation computers are used as digital signage in Italy coach buses. In-vehicle infotainment controllers allow passengers to access media and infotainment content or other services from the convenience of a mobile app.

Digital Signage for Retails

ARBOR's digital signage players support multiple display outputs without sacrificing performance. From restaurant menus to window displays, customers around the world have relied on ARBOR's versatile digital signage solutions for retail business needs such as library information boards in Japan and supermarket signage in Europe.

Featured Products

4K ULTRA	4K ULTRA	4K ULTRA	4K ULTRA	FHD
ELIT-1900	ELIT-1850	ELIT-1930	ELIT-1050	IEC-3300
Intel® Skylake	Intel® Broadwell	Intel® 8th Gen. Core	Intel® Braswell	Intel® Celeron
6 Display out	3 Display out	3 Display out	2 Display out	2 Display out

SCP Cube

Industry's First Supercapacitor Power Solution

Safe and uninterrupted power matters to industrial applications. With Industry 4.0, where advanced manufacturing systems are closely linked with information including data and analytics, smart factories need even higher levels of reliable backup power. Designed specifically to protect the industrial computing systems from crashing and losing data during power failures, ARBOR's SCP Cube is the industry's first industrial-specific redundant power system utilizing the newest generation of green energy supercapacitors.

100%
Higher Reliability
A more reliable redundancy power solution to ensure safety in industrial environment.

3X
Longer Lifespan
Cuts down on replacements of UPS and offers high return on investment.

1000x
Higher Cyclability
Virtually unlimited cycling capability, a more sustainable energy choice than conventional power system.

New Generation Energy for Smarter Protection

Safer
Can be fully discharged / No overheating concern / No risk of fire exploding
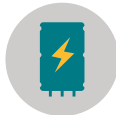
More Efficient
Higher energy density in smaller size / Longer lifetime / No aging problem

Green and Eco-Friendly
No heavy metals for environment / Longer cycle life reducing disposal rate

Effortlessly Deployment for Industrial Applications

Designed for Rigid Industrial Environments
-20°C to 70°C operating temperature / 12V ~ 28V DC power input
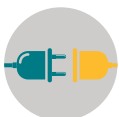
Instant & Easy Deployment
USB & COM port plug & play / Din-rail mountable / Front panel for easy wiring
Lightening indication for charging status / Industrial housing

SCP Cube - LoRa

IoT LoRa Solution for Device Health & Energy Management

ARBOR's IoT LoRa Solution for Computer Health & Energy Management is designed for industrial areas where a computers' health condition and continuous power reliability are essential to protect connected machines and equipment from system failure. The solution integrates ARBOR's private LoRa to enable the communication between the nodes and the central gateway for computer health conditions monitoring and power control.

ARBOR LoRa Solutions Architecture

| Intranet | Internet |

Assembly Line

Edge Computing

24/7 Power Management

CPU Temp. | CPU Usage | Power Output | HDD/SSD Temp. | Power Control

Redundant Power & LoRa Node | ARBOR Private LoRa | Central Monitoring & Control | Ethernet | AWS
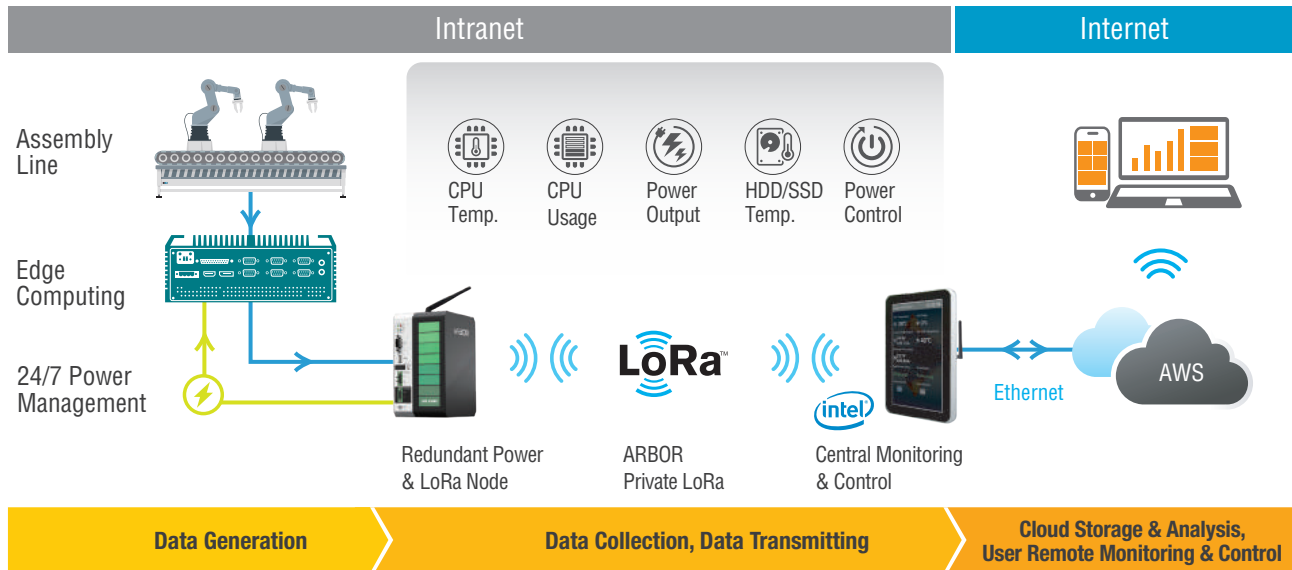
Data Generation | **Data Collection, Data Transmitting** | **Cloud Storage & Analysis, User Remote Monitoring & Control**

LoRa Gateway

- Soldered onboard Intel® N2930 Quad-Core™ Processor 1.83GHz
- ARBOR private LoRa connectivity
- Long transmission range
- Dual Gbe Ethernet LANs connectivity
- LoRa information bulletin board integrated

SCP Cube

- Supports communication with Intel® Core/Atom-based platforms
- Designed for industrial box PC & panel PC
- Maintenance free supercapacitors
- Safe and reliable; no danger of fire or explosion
- Fully discharged for safety
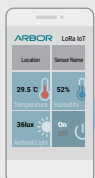
Cloud Service & App

- AWS cloud platform virtual image support
- MQTT server
- App for remote monitoring & control

Selection Guide
Automation Computers

Model	FPC-9002-L2U4 (V)	FPC-9002-P6	FPC-7903	FPC-7902	FPC-7901
Dimensions (W x H x D)	225 x 120 x 292 mm	225 x 120 x 292 mm	225 x 120 x 292 mm	225 x 120 x 292 mm	225 x 120 x 292 mm
CPU	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)
Chipset	C236	C236	C236	C236	C236
Memory	2 x DDR4 SO-DIMM	2 x DDR4 SO-DIMM	2 x DDR4 SO-DIMM	2 x DDR4 SO-DIMM	2 x DDR4 SO-DIMM
Video	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-	-	-
Ethernet	5 x GbE	3 x GbE 6 x PoE(af)	3 x GbE	3 x GbE	3 x GbE
Mass Storage	1 x CFast, 2 x 2.5" Drive bays (Max.)*	1 x CFast, 2 x 2.5" Drive bays (Max.)*	1 x CFast, 2 x 2.5" Drive bays (Max.)*	1 x CFast, 2 x 2.5" Drive bays (Max.)*	1 x CFast, 2 x 2.5" Drive bays (Max.)*
USB 2.0	-	-	-	-	-
USB 3.0/2.0	10	6	6	6	6
RS-232	2	-	4	4	4
RS-232/422/485	2	2	2	2	2
LPT**	Yes	Yes	Yes	Yes	Yes
Digital I/O**	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out
Expansion Bus	1 x PCIe x8, 1 x PCIe x16, 2 x mPCIe (half & full), 1 x SIM	1 x PCIe x8, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	2 x PCI, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCIe x8, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCI, 1 x PCIe x16 2 x mPCIe (1 half & 1 full), 1 x SIM
Power Input	DC 9~36V/Ignition	DC 19~36V/Ignition	DC 9~36V/Ignition	DC 9~36V/Ignition	DC 9~36V/Ignition
Operating Temperature	-20~55°C (w/ 35W TDP CPU, Fanless)	-20~55°C (w/ 35W TDP CPU, Smart Fan)	-20 ~ 55°C (-4 ~ 131°F), ambient w/ air flow, (w/ 35W TDP CPU, fanless) -20 ~ 50°C (-4 ~ 122°F), ambient w/ air flow (w/ 51W/65W TDP CPU, w/ Smart Fan)		

* Including one outside accessible drive bay
** For LPT and digital I/O, only either one of them is available.

NEW

Model	FPC-7900	FPC-7803	FPC-7802	FPC-7801	FPC-7800
Dimensions (W x H x D)	225 x 90 x 292 mm	225 x 120 x 267 mm	225 x 120 x 267 mm	225 x 120 x 267 mm	225 x 90 x 267 mm
CPU	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)	4th Gen. Intel® Core™ i7/i5/i3 (LGA1150 socket)	4th Gen. Intel® Core™ i7/i5/i3 (LGA1150 socket)	4th Gen. Intel® Core™ i7/i5/i3 (LGA1150 socket)	4th Gen. Intel® Core™ i7/i5/i3 (LGA1150 socket)
Chipset	C236	Q87	Q87	Q87	Q87
Memory	2 x DDR4 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM
Video	1 x DisplayPort 1 x VGA, 1 x DVI-D, 1 x HDMI	2 x DisplayPort, DVI	2 x DisplayPort, DVI	2 x DisplayPort, DVI	2 x DisplayPort, DVI
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-	-	-
Ethernet	3 x GbE	3 x GbE	3 x GbE	3 x GbE	3 x GbE
Mass Storage	1 x CFast, 2 x 2.5" Drive bays (Max.)*	1 x CFast, 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x 2.5" Drive bays (Max.)
USB 2.0	-	-	-	-	-
USB 3.0/2.0	6	6	6	6	6
RS-232	4	2	2	2	2
RS-232/422/485	2	2	2	2	2
LPT**	Yes	Yes	Yes	Yes	Yes
Digital I/O**	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out
Expansion Bus	2 x mPCIe (1 half & 1 full) , 1 x SIM	2 x PCI, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCIe x 8, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCI, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	2 x mPCIe (1 half & 1 full), 1 x SIM
Power Input	DC 9~36V/Ignition	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V
Operating Temperature	-20~55°C	-20~55°C	-20~55°C	-20~55°C	-20~55°C

* Including one outside accessible drive bay
** For LPT and digital I/O, only either one of them is available.
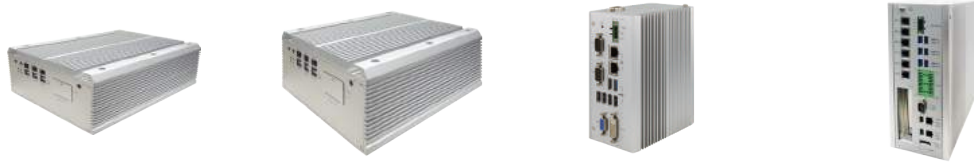
Model	Rigid-780	Rigid-782	ARES-530WT	EAGLE-8701
Dimensions (W x H x D)	225 x 90 x 267 mm	225 x 120 x 267 mm	70 x 125 x 60 mm	90 x 285 x 230 mm
CPU	4th Gen. Intel® Core™ i3-4340TE 2.6GHz	4th Gen. Intel® Core™ i3-4340TE 2.6GHz	Intel® J1900 / E3845 Quad-Core™ 2GHz /1.91GHz	4th Gen. Intel® Core™ i7-4770TE 2.3GHz / i5-4590T 2GHz (LGA 1150 socket)
Chipset	Q87	Q87	SoC	Q87
Memory	4GB DDR3, expandable	4GB DDR3, expandable	4GB DDR3L installed	2 x DDR3L SO-DIMM
Video	2 x DisplayPort, DVI	2 x DisplayPort, DVI	VGA, DVI-D	DisplayPort
Audio	Mic-in/Line-out	Mic-in/Line-out	Line-out	-
KB/MS	-	-	-	-
Ethernet	3 x GbE	3 x GbE	2 x GbE	2 x GbE 6 x PoE (af)
Mass Storage	1 x CFast, 2 x 2.5" Drive bays	1 x CFast, 2 x 2.5" Drive bays	2 x mSATA	2 x 2.5" drive bay
USB 2.0	-	-	5	2
USB 3.0/2.0	6	6	1 (USB 3.0 only)	6
RS-232	2	2	1 x RS-232/422	-
RS-232/422/485	2	2	1 x RS-422/485	1
LPT*	Yes	Yes	-	-
Digital I/O*	8-in/8-out	8-in/8-out	4-in/ 4-out	8-in/8-out
Expansion Bus	2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCIe x 8, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x mPCIe (half)	1 x PCIe x16
Power Input	DC 9~36V	DC 9~36V	DC 9~36V	DC 24V
Operating Temperature	-40~70°C Ⓦ	-40~70°C Ⓦ	-20 ~ 70°C (J1900) Ⓦ -40 ~ 85°C (E3845) Ⓦ	-10~55°C

* For LPT and digital I/O, only one of them can be active at a time.

Ⓦ Wide temperature range

Model	ARES-1230	ARES-1230-E	ARES-1230-POS	ARES-1231
Dimensions (W x H x D)	180 x 25 x 130 mm	180 x 40 x 130 mm	180 x 40 x 130 mm	240 x 60 x 126 mm
CPU	Intel® N2930 Quad-Core™ 2.16GHz	Intel® N2930 Quad-Core™ 2.16GHz	Intel® N2930 Quad-Core™ 2.16GHz	Intel® N2930 Quad-Core™ 2.16GHz
Chipset	SoC	SoC	SoC	SoC
Memory	1 x DDR3L SO-DIMM	1 x DDR3L SO-DIMM	1 x DDR3L SO-DIMM	4GB DDR3L installed
Video	DVI-I, HDMI	DVI-I, HDMI	DVI-I, HDMI	DVI-I, HDMI
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-	PS2
Ethernet	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	1 x mSATA	1 x mSATA	1 x mSATA	1 x mSATA, 1 x 2.5" Drive bay
USB 2.0	1	3	1	5
USB 3.0/2.0	1	1	1	1
RS-232	-	-	-	-
RS-232/422/485	-	2 x RS-232/485	2 x RS-232/422/485 4 x RS-232/485	4 x RS-232/422/485 12 x RS-232/485
LPT	-	-	-	-
Digital I/O	-	4-in/4-out	-	16-in/ 16-out
Expansion Bus	2 x mPCIe (1 half & 1 full)	2 x mPCIe (1 half & 1 full)	1 x mSATA, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x mPCIe (half)
Power Input	DC 12V	DC 9~36V	DC 12V	DC 12V
Operating Temperature	-20~70°C **W**	-20~70°C **W**	-20~70°C **W**	-20 ~ 60°C

W Wide temperature range

Model	ARES-1970	ARES-1970-E	ARES-1970-4P	ARES-1970-4E
Dimensions (W x H x D)	265 x 141 x 62 mm	112 x 272 x 141 mm	192 x 200 x 220 mm	192 x 200 x 220 mm
CPU	6th Gen. Intel® Core™ i7-6600U/ i5-6300U/i3-6100U	6th Gen. Intel® Core™ i7-6600U/ i5-6300U/i3-6100U	6th Gen. Intel® Core™ i7-6600U/ i5-6300U/i3-6100U	6th Gen. Intel® Core™ i7-6600U/ i5-6300U/i3-6100U
Chipset	SoC	SoC	SoC	SoC
Memory	4GB DDR4 Installed	4GB DDR4 Installed	4GB DDR4 Installed	4GB DDR4 Installed
Video	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-	-
Ethernet	2 x GbE	2 x GbE, 4 x PoE (af)	2 x GbE	2 x GbE
Mass Storage	1 x mSATA	1 x mSATA, 2 x front accessible 2.5" drive bay	1 x mSATA, 2 x SATA-III	1 x mSATA, 2 x SATA-III
USB 2.0	2	2	2	2
USB 3.0/2.0	4	4	4	4
RS-232	-	-	-	-
RS-232/422/485	4 x RS-232/422/485 4 x RS-232/485	4	2	2
LPT	-	-	-	-
Digital I/O	-	16-in/16-out	-	-
Expansion Bus	2 x mPCIe (1 half & 1 full)	2 x mPCIe (1 half & 1 full)	2 x mPCIe (1 half & 1 full), 4 x PCI	2 x mPCIe (1 half & 1 full), 4 x PCIe
Power Input	DC 12~28V	DC 19~36V	DC 12~28V	DC 12~28V
Operating Temperature	-20 ~ 70°C Ⓦ	-20 ~ 55°C	-20 ~ 55°C	-20 ~ 55°C

Ⓦ Wide temperature range

Model	ARES-1973H-2WD8F	ARES-1973C-4898	ARES-1965-2WD4
Dimensions (W x H x D)	90 x 230 x 155 mm	254 x 94 x 170 mm	88.5 x 200 x 124.4 mm
CPU	6 th / 7 th Gen. Intel® Core™ i7/i5/i3 / Celeron® Processor (LGA1151 socket)	6 th / 7 th Gen. Intel® Core™ i7/i5/i3 / Celeron® Processor (LGA1151 socket)	6 th Gen. Intel® Core™ i7/i5/i3 / Celeron® Processor
Chipset	H110	C236	SoC
Memory	2x DDR4 SO-DIMM	2 x DDR4 SO-DIMM	1 x DDR4 SO-DIMM
Video	1 x DisplayPort, 1 x VGA	1 x DisplayPort, 1 x VGA	1 x VGA
Audio	-	-	-
KB/MS	-	-	-
Ethernet	1 x GbE 4 x PoE (af)	9 x GbE	1 x GbE 4 x PoE (af)
Mass Storage	1 x 2.5" drive bay, 1 x M.2 M Key 2242/2280	1 x 2.5" drive bay, 1 x M.2 M Key 2242/2280	1 x mSATA 1 x mPCIe (full)
USB 2.0	5 (incl.1 x internal)	5 (incl.1 x internal)	1 x internal
USB 3.0/2.0	4	4	4
RS-232	-	2	2
RS-232/422/485	2	2	-
LPT	-	-	-
Digital I/O	Isolated 16-in/16-out	Non-isolated 4-in/4-out	Isolated 16-in/16-out
Expansion Bus	M.2 M Key 2242/2280	M.2 M Key 2242/2280	1 x mSATA 1 x mPCIe (full)
Power Input	DC 12–24V	DC 12–24V	DC 9–36V
Operating Temperature	–20 ~ 50 °C	–20 ~ 50 °C	0 ~ 55 °C

Digital Signage Players

NEW

Model	ELIT-300	ELIT-1050	ELIT-1850	ELIT-1900	ELIT-1930	IEC-3300
Dimensions (W x H x D)	124 x 30 x 105 mm	141 x 34.8 x 107.6 mm	193 x 50 x 170 mm	280 x 47 x 200 mm	210 x 70 x 190 mm	163 x 39 x 109 mm
CPU	ARM Quad-Core Cortex-A17 2.2GHz	Intel® Celeron® N3060, 1.6GHz	5th Gen. Intel® Core™ i7-5650U 2.2GHz / Core™ i3-5010U 2.1GHz	6th Gen. Intel® Core™ i-series	8th Gen. Intel® Core™ i7/i5i3	Intel® N2807 1.58GHz/ J1900 2.0GHz
Chipset	SoC	SoC	SoC	QM170	Intel UHD 630	SoC
Memory	2GB DDR3 installed	2GB DDR3L Installed	1 x DDR3L SO-DIMM	1 x DDR4 SO-DIMM	2 x DDR4 SO-DIMM	1 x DDR3L SO-DIMM
Video	HDMI	2 x HDMI	DVI-D, DisplayPort, HDMI	6 x HDMI or DisplayPort	1 x HDMI 1 x DisplayPort 1 x DVI-D	VGA, HDMI
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 1080
Audio	-	Line-out	Mic-in/Line-out	Mic-in/Line-out	-	Line-out
KB/MS	-	-	-	-	-	-
Ethernet	1 x 10/100M	2 x GbE	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	8GB NAND Flash, 1 x Micro SD	32GB eMMC 1 x mSATA, 1 x Micro SD	1 x 2.5" Drive bay	1 x 2.5" Drive bay	1 x M.2 M Key 2280	1 x mSATA
USB 2.0	2	1	2	-	-	-
USB 3.0/2.0	-	4	4	4	4 (USB 3.1)	4
RS-232	-	1	-	-	-	1
RS-232/422/485	-	-	2 x RS-232/485	1 x RS-232/485	3 x RS-232/485	-
Expansion Bus	-	2 x mPCIe (1 half & 1 full), 1 x SIM	1 x M.2 E Key 2230	1 x mPCIe (full), 1 x SIM	1 x M.2 E Key 2230 1 x M.2 B Key 2242	1 x mPCIe
Power Input	DC 5V	DC 19V	DC 12~24V	DC 19V	DC 12~24V	DC 12V
Operating Temperature	0 ~ 40°C	-10 ~ 55°C	-20 ~ 60°C	- 10 ~ 45°C	- 10 ~ 55°C	-20~55°C

Transportation Computers

Model	ARTS-1450	ARTS-2870	ARTS-3672W
Dimensions (W x H x D)	200 x 54 x 180 mm	270.4 x 110 x 240 mm	255 x 90 x 208 mm
CPU	Intel® Atom™ E3845 Quad-Core™ 1.91GHz	4th Gen. Intel® Core™ i5-4402E 1.6GHz	2nd Gen. Intel® Core™ i7-2610UE 1.5GHz
Chipset	SoC	QM87	QM67
Memory	1 x DDR3L SO-DIMM	1 x DDR3L SO-DIMM	1 x DDR3 SO-DIMM
Video	VGA, DVI-D	VGA, 2 x DVI-D	VGA, DVI-D
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-
Ethernet	1 x GbE	4 x GbE	1 x GbE 2 x M12 GbE
Mass Storage	1 x 2.5" Drive bay, 1 x mSATA	2 x 2.5" Drive bays*, 1 x mSATA	2 x 2.5" Drive bays, 1 x SATA DOM, 1 x CFast
USB 2.0	2	4	4
USB 3.0/2.0	1	2	-
RS-232	2	-	-
RS-232/422/485	2 x RS-232/485	8 x NMEA 0183 2 x RS-232/422/485	1 x RS-232/485 3 x RS-485
LPT	-	-	-
Digital I/O	4 in/4 out	4-in/4-out	6-in/4-out
Expansion Bus	3 x mPCIe (1 half & 2 full) 2 x SIM	1 x mPCIe (half)	2 x mPCIe (1 half & 1 full), 1 x SIM
Power Input	DC 9~36V	DC 24V	DC 9~36V
Operating Temperature	-40 ~ 70°C Ⓦ	-25 ~ 55°C	-40 ~ 70°C Ⓦ

* Including one outside accessible drive bay

Ⓦ Wide temperature range

NEW

Model	ARTS-4770	FPC-9000-V1
Dimensions (W x H x D)	270 x 80 x 180 mm	225 x 90 x 292 mm
CPU	3rd Gen. Intel® Core™ i7-3517UE 1.7GHz	6th/7th Gen. Intel® Xeon® E3 / Core™ i7/i5/i3 (LGA1151 socket)
Chipset	QM77	C236
Memory	1 x DDR3 SO-DIMM	2 x DDR4 SO-DIMM
Video	VGA, DVI-D	VGA, DVI-D
Audio	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-
Ethernet	2 x GbE 4 x PoE (af)	3 x GbE 4 x M12 PoE (af)
Mass Storage	2 x outside accessible 2.5" drive bays, 1 x mSATA	2 x 2.5" drive bay 1 x CFast
USB 2.0	-	-
USB 3.0/2.0	4	6
RS-232	1	-
RS-232/422/485	1	2
Digital I/O	4-in/4-out	Isolated 4-in/4-out
Expansion Bus	3 x mPCIe (1 half & 2 full), 2 x SIM	3 x mPCIe (1 half & 2 full) 3 x SIM 1 x M.2 B key 2242
Power Input	DC 9~36V	DC 9~36V
Operating Temperature	-20 ~ 55°C	-40 ~ 70°C **W**

Model	AES-5204
Dimensions (W x H x D)	70 x 155 x 125 mm
Ethernet	1 x GbE, 4 x PoE (af) 1 x SFP
LED	Link/Activity, Speed
Connectors	5 x RJ-45 : 10/100/1000Base-T, 1 x SFP : 1000Base-X 1 x 5-pin termianl block : RS-485 console port 1 x 3-pin terminal block : power input connector
RS-232/422/485	1 x RS-485
Power Input	DC 9~36V
Operating Temperature	-40 ~ 75°C **W**

W Wide temperature range

Wide-Screen HMI

Model	ASLAN-W810C-2930G2	ASLAN-W910C-6300G4	ASLAN-W812C-2930G2	ASLAN-W912C-6300G4
Dimensions (W x H x D)	255 x 175 x 39.5 mm	255 x 175 x 76.5 mm	306 x 206 x 39.5 mm	306 x 206 x 76.5 mm
CPU	Intel® N2930 Quad-Core 1.83GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz	Intel® N2930 Quad-Core 1.83GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz
Chipsets	-	-	-	-
Memory	2GB DDR3L installed	4GB DDR4 installed	2GB DDR3L installed	4GB DDR4 installed
LCD Display	10.1", 1280 x 800	10.1", 1280 x 800	11.6", 1920 x 1080	11.6", 1920 x 1080
Video Output	DVI-I	HDMI/VGA	DVI-I	HDMI/VGA
Audio	Mic-in/Line-out	-	Mic-in/Line-out	-
KB/MS	-	-	-	-
Ethernet	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	1 x mSATA	1 x mSATA	1 x mSATA	1 x mSATA
RS-232	-	-	-	-
RS-232/485	-	2	-	2
Digital I/O	-	-	-	-
USB 2.0	1	-	1	-
USB 3.0/2.0	1	4	1	4
WIFI	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)
Speaker	-	-	-	-
Expansion Bus	2 x mPCIe (1 Half & 1 Full)	2 x mPCIe (1 Half & 1 Full)	2 x mPCIe (1 Half & 1 Full)	2 x mPCIe (1 Half & 1 Full)
Power Input	DC 12V	DC 12~28V	DC 12V	DC 12~28V
Operating Temperature	-20~55°C	-20~55°C	-20~55°C	-20~55°C

Model	ASLAN-W715C-1900G4	ASLAN-W915C-6300G4	ASLAN-W719C-1900G4	ASLAN-W919C-6300G4
Dimensions (W x H x D)	404 x 255 x 49.2 mm	404 x 255 x 56.3 mm	470 x 295 x 49.2 mm	470 x 295 x 56.2 mm
CPU	Intel® J1900 Quad-Core™ 2.0GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz	Intel® J1900 Quad-Core™ 2.0GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz
Chipsets	-	-	-	-
Memory	4GB DDR3L installed	4GB DDR4 installed	4GB DDR3L installed	4GB DDR4 installed
LCD Display	15.6", 1366 x 768	15.6", 1366 x 768	18.5" 1366 x 768	18.5" 1366 x 768
Video Output	DVI-I	HDMI/VGA	DVI-I	HDMI/VGA
Audio	-	-	-	-
KB/MS	-	-	-	-
Ethernet	3 x GbE	2 x GbE	3 x GbE	2 x GbE
Mass Storage	2 x 2.5" drive bays	1 x mSATA, 2 x 2.5" drive bays	2 x 2.5" drive bays	1 x mSATA, 2 x 2.5" drive bays
RS-232	2	-	2	-
RS-232/485	2	4	2	4
Digital I/O	-	4-in / 4-out (optional)	-	4-in / 4-out (optional)
USB 2.0	3	-	3	-
USB 3.0/2.0	1	4	1	4
WIFI	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)
Speaker	2 x 2W speakers (optional)	2 x 2W speakers (optional)	2 x 2W speakers (optional)	2 x 2W speakers (optional)
Expansion Bus	1 x mPCIe (full)	2 x mPCIe (1 half & 1 full)	1 x mPCIe (full)	2 x mPCIe (1 half & 1 full)
Power Input	DC 9–36V	DC 9–36V	DC 9–36V	DC 9–36V
Operating Temperature	-20–55°C	-20–55°C	-20–55°C	-20–55°C

NEW

Model	ASLAN-W722C-1900G4	ASLAN-W922C-6300G4	ASLAN-W922C-IP	ASLAN-917 Series R/C
Dimensions (W x H x D)	536 x 332 x 48.4 mm	536 x 332 x 55.5 mm	620 x 423 x 62 mm	420 x 358 x 62.2 mm
CPU	Intel® J1900 Quad-Core™ 2.0GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz	6th Gen. Intel® Core™ i5-6300U 2.4GHz
Chipsets	-	-	-	-
Memory	4GB DDR3L installed	4GB DDR4 installed	4GB DDR4 installed	4GB DDR3L installed
LCD Display	21.5" 1920 x 1080	21.5" 1920 x 1080	21.5" 1920 x 1080	17", 1280 x 1024
Video Output	DVI-I	HDMI/VGA	HDMI/VGA	HDMI/VGA
Audio	-	-	-	-
KB/MS	-	-	-	-
Ethernet	3 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	2 x 2.5" drive bays	1 x mSATA, 2 x 2.5" drive bays	1 x mSATA, 2 x 2.5" drive bays	1 x mSATA, 2 x 2.5" drive bays
RS-232	2	-	-	-
RS-232/485	2	4	2	4
Digital I/O	-	4 in / 4 out (optional)	4 in / 4 out (optional)	-
USB 2.0	3	-	2	-
USB 3.0/2.0	1	4	Optional	4
WIFI	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)
Speaker	2 x 2W speakers (optional)	2 x 2W speakers (optional)	-	-
Expansion Bus	1 x mPCIe (full)	2 x mPCIe (1 half & 1 full)	2 x mPCIe (1 half & 1 full)	2 x mPCIe (1 half & 1 full)
Power Input	DC 9–36V	DC 9–36V	DC 9–36V	DC 9–36V
Operating Temperature	-20–55°C	-20–55°C	-10–50°C	-20–55°C

Ultra-Slim HMI

NEW

NEW

Model	LYNC-708-3845G2	LYNC-712-1900G4	LYNC-712-4200G4	LYNC-715-1900G4	LYNC-715-4200G4	LYNC-817
Dimensions (W x H x D)	274.96 x 207.96 x 56.1 mm	325.88 x 258.86 x 44.00 mm	325.88 x 258.86 x 53.50 mm	389.93 x 309.93 x 46.80 mm	389.93 x 309.93 x 56.96 mm	428.0 x 380.0 x 77.0 mm
CPU	Intel® E3845 Quad-Core™ 1.91GHz	Intel® J1900 Quad-Core™ 2.0GHz	Intel® N4200 Quad-Core™ 1.10GHz	Intel® J1900 Quad-Core™ 2.0GHz	Intel® N4200 Quad-Core™ 1.10GHz	Intel® J1900 Quad-Core™ 2.0GHz
Chipsets	-	-	-	-	-	-
Memory	2GB DDR3L Onboard	4GB DDR3 installed	4GB DDR3L Onboard	4GB DDR3 installed	4GB DDR3L Onboard	4GB DDR3L installed
LCD Display	8", 1024 x 768	12.1", 1024 x 768	12.1" 1024 x 768	15", 1024 x 768	15", 1024 x 768	17", 1280 x 1024
Video Output	-	DVI-I	DVI	DVI-I	DVI	DVI-I
Audio	1 x Line-out 2 x 1.5W speakers	2 x 1.5W speakers (optional)	2 x 1.5W speakers (optional)	2 x 1.5W speakers (optional)	2 x 1.5W speaker (optional)	Line-out
KB/MS	-	-	-	-	-	-
Ethernet	1 x GbE (PoE)	2 x GbE	2 GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	1 x mSATA	1 x CFast, 1 x 2.5" drive bay	1 x CFast, 1 x 2.5" drive bay	1 x CFast, 1 x 2.5" drive bay	1 x CFast, 1 x 2.5" drive bay	1 x CFast, 1 x 2.5" drive bay
RS-232	2	-	-	-	-	2
RS-232/485	-	4	4	4	4	2
Digital I/O	-	-	-	-	-	-
USB 2.0	2	5	5	5	5	3
USB 3.0/2.0	-	-	-	-	-	1
WIFI	-	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)
Expansion Bus	-	1 x mPCIe (full)	1 x mPCIe (full)	1 x mPCIe (full)	1 x mPCIe (full)	1 x mPCIe (full) 1 x PCI 32-bit slot (default) or 1 x PCIe x1 slot (optional)
Power Input	DC 12V	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V
Operating Temperature	0 ~ 60°C	-20~55°C	-20~55°C	-20~55°C	-20°C ~ 55°C	0°C ~ 55°C

Open-Frame Touch Panel kit

Coming Soon

Model	RP-101K
Processor	RockChip PX30 Quad-Core ARM Cortex-A35, 1.5GHz
Memory	2GB DDR4
Storage	16GB eMMC Flash
Camera	1 x 8MP (Optional)
Audio	1x 1W speaker
Wi-Fi / BT	802.11 a/b/g/n/ac + BT4.2
NFC	-
microSD Card	1 x microSDHC/SDXC/SD (Max. 128GB)
USB Port	4 x USB 2.0 Type-A 1 x micro USB 2.0 OTG
Serial Port	4 x UART ports (RS-232)
LAN	1 x 10/100Mbps
Size/Type/Resolution	10.1"TFT LCD, 1280 x 800
Brightness	250cd/m2
Touchscreen	10-point Projected Capacitive multi-touch
Power Input	DC 12V / 2A
Operating Temp.	-20 ~ 70°C
Dimensions (W x H x D)	294.2 x 160.9 x 13.9 mm
Regulatory	CE, FCC, CCC
OS Support	Linux-Ubuntu, Buildroot, Android 8.1

ARM-Based Ultra Slim HMI

NEW

Model	IOT-500	IOT-800N
Processor	Dual-core ARM Cortex-A7 1.0GHz	RockChip PX30 Quad-Core ARM Cortex-A35, 1.5GHz
Memory	512MB LPDDR2	2GB DDR4
Storage	16GB eMMC Flash	16GB eMMC Flash
Camera	1 x 2MP	1 x 8MP AF (MIPI CSI Type)
Audio	1 x 0.8W built-in mono speaker 1 x MIC	1 x 1W built-in mono speaker 1 x MIC
GPS	Yes	Yes
WWAN	2G, 3G (optional)	WCDMA/LTE (optional)
SIM Card	Mini SIM card	Nano SIM card
Wi-Fi / BT	802.11 a/b/g/n/ac + BT4.1	802.11 a/b/g/n/ac + BT4.0 + BLE
NFC	-	Yes
microSD Card	-	1 x microSDHC/SDXC/SD (Max. 128GB)
USB Port	2 x USB 2.0 Type-A	2 x USB 2.0 Type-A 1 x micro USB 2.0 OTG
Serial Port	1 x RS-232/422/485	1 x RS-232/422/485 1 x RS-232
LAN	1 x 10/100Mbps	1 x 10/100Mbps
CAN	CAN 2.0b	CAN 2.0 & CAN FD
DIO	4 x GPIO	3 x DI, 3 x DO (Dry contact)
Size/Type/Resolution	5" TFT LCD, 960 x 540	8" TFT LCD, 1024 x 600
Brightness	350 cd/m2	600 cd/m2
Touchscreen	Projected Capacitive Multi-touch	Projected Capacitive Multi-touch
Power Input	12V/2A, 12–24V auto-detection	12V/1.5A, 9–36V auto-detection Ignition detection
Operating Temp.	-10 ~ 50°C	-20 ~ 70°C
Dimensions (W x H x D)	149.3 x 110 x 36.8 mm	218.16 x 162.67 x 46.5 mm
Regulatory	CE, FCC	CE, FCC, CCC
OS Support	Android 5.1	Buildroot, Android 8.1

Heavy-Duty HMI

Model	PARDUS-6174	PARDUS-6194	TOKIN-6083	TOKIN-6123	TOKIN-6153
Dimensions (W x H x D)	438.5 x 366.5 x 93.7 mm	469.7 x 396.5 x 93.7 mm	274.9 x 207.9 x 77 mm	325.9 x 258.9 x 77 mm	389.9 x 309.9 x 84.30 mm
CPU	2nd Gen. Intel® Core™ i3-2340UE 1.3GHz Intel® 847E Dual-Core 1.1 GHz	2nd Gen. Intel® Core™ i3-2340UE 1.3GHz Intel® 847E Dual-Core 1.1 GHz	Intel® 827E Single-Core 1.4GHz	Intel® 827E Single-Core 1.4GHz	Intel® 827E Single-Core 1.4GHz
Chipsets	Intel® QM67 / HM65	Intel® QM67 / HM65	Intel® HM65	Intel® HM65	Intel® HM65
Memory	2GB DDR3 installed	2GB DDR3 installed	2GB DDR3 installed	2GB DDR3 installed	2GB DDR3 installed
LCD Display	17", 1280 x 1024, LED	19", 1280 x 1024, LED	8", 1024 x 768, LED	12.1", 1024 x 768, LED	15", 1024 x 768, LED
Video Output	DVI-I	DVI-I	DVI-I	DVI-I	DVI-I
Audio	Mic-in/Line-out	Mic-in/Line-out	-	-	-
KB/MS	PS2	PS2	-	-	-
Ethernet	2 x GbE	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	2 x CFast & 1 x 2.5" drive bay (default) or 1 x CFast & 2 x 2.5" drive bays	2 x CFast & 1 x 2.5" drive bay (default) or 1 x CFast, 2 x 2.5" drive bays	1 x primary CFast & 1 x 2.5" drive bay or secondary CFast (outside-accessible)	1 x primary CFast & 1 x 2.5" drive bay or secondary CFast (outside-accessible)	1 x primary CFast & 1 x 2.5" drive bay or secondary CFastat (outside-accessible)
RS-232	2	2	2	2	2
RS-232/485	2	2	2	2	2
Digital I/O	-	-	-	-	-
USB 2.0	5	5	4	4	4
USB 3.0/2.0	-	-	-	-	-
WIFI	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)	mPCIe (optional)
Speaker	-	-	-	-	-
Expansion Bus	2 x mPCIe (1 half & 1 full) & 1 x PCI 32-bit (default) or PCIe x1	2 x mPCIe (1 half & 1 full) & 1 x PCI 32-bit (default) or PCIe x1	2 x mPCIe (1 half & 1 full) & 1 x PCI 32-bit (default) or PCIe x1	2 x mPCIe (1 half & 1 full) & 1 x PCI 32-bit (default) or PCIe x1	2 x mPCIe (1 half & 1 full) & 1 x PCI 32-bit (default) or PCIe x1
Power Input	DC9~36V	DC9~36V	DC9~36V	DC9~36V	DC9~36V
Operating Temperature	-20~55°C	-20~55°C	-20~60°C	-20~60°C	-20~60°C

Intelligent Power Backup Solution

 NEW NEW

Model	SCP-43/41	SiP-41B/42B-LRA	SiPB-41B/42B
Dimensions (W x H x D)	100 x 187.4 x 150 mm	169 x 360 x 36 / 56 mm	160 x 24 / 46 x 88 mm
Type	Supercapacitor 4S3P / 4S1P	Supercapacitor 4S1P/ 4S2P	Supercapacitor 4S1P/ 4S2P
Capacity	400 Farads / Each	100 Farads / Each	100 Farads / Each
Power Input	DC 12~28V	DC 12~28V	DC 12~28V
Power Output	DC 12V / 24V	DC 12V / 24V	DC 12V / 24V
Wireless Connectivity	-	Private LoRa	Private LoRa (optional)
Operating Temperature	-20°C ~ 70°C Ⓦ	-20°C ~ 70°C Ⓦ	-20°C ~ 70°C Ⓦ

Ⓦ Wide temperature range

Power-over-Ethernet Interface Card

 NEW

Model	PoE-i314
Dimensions (W x H)	147.8 x 124.3 mm
LAN Chipset	4 x Intel i210AT Ethernet Controller
Type	PCIe
Power Input	5.6A @ 12VDC, directly from 4 pin AT/ATX power connector
Power Output	15.4W@48VDC power output (per port)
Operating Temperature	-20°C ~ 70°C Ⓦ

Ⓦ Wide temperature range

Headquarters

ARBOR Technology Corp.

10F., No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan
Tel: +886 2 8226 9396
Fax: +886 2 8226 9398
sales@arbor.com.tw

The Americas

ARBOR Solution, Inc.
Tel: +1 408 452 8900
Fax: +1 408 452 8909
info1@arborsolution.com

Europe

ARBOR France
Tel: +33 (0)1 55 63 90 87
Fax: +33 (0)1 81 50 00 29
info@arbor-france.com

ARBOR UK
Tel: +44 1908 310100
Fax: +44 1908 310107
sales@arbor-uk.com

ARBOR Italy
Tel: +39 011 19700011
Fax: +39 011 19700015
info@arboritalia.it

China

ARBOR Shenzhen
Tel: +86 755 83438567
Fax: +86 755 83438597
infocn@arbor.com.tw

ARBOR Beijing
Tel: +86 10 82665810
Fax: +86 10 82665810-819
infocn@arbor.com.tw

ARBOR Shanghai
Tel: +86 21 64287904
Fax: +86 21 64397795-188
infocn@arbor.com.tw

ARBOR Nanjing
Tel: +86 25 83694872
Fax: +86 25 83694873-208
infocn@arbor.com.tw

Asia-Pacific

ARBOR Taiwan
Tel: +886 2 82269396
Fax: +886 2 82269398
sales@arbor.com.tw

ARBOR Korea
Tel: +82 028555840
Fax: +82 028555841
sales@arbor.com.tw

ARBOR Singapore
Tel: +65 9382 9793
sales@arbor.com.tw

ARBOR Australia
Tel: +61 3 8736 0300
Fax: +61 3 8736 0325
info@arboraust.com