



Industrial Automation



Automation
Controllers



Transportation
Computers



Digital Signage
Players



Industrial HMI



Slim Panel PCs

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 IIoT 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.



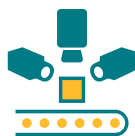
Real-time Communication

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.



X-Ray Inspection for Food Safety Process

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



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.



Mobile Phone Inspection

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



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.



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



Passenger Infotainment Service

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



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



Fleet Management

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



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



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



Smarty Factory / Machine Automation

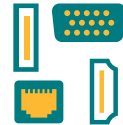


Industrial-grade Ruggedness

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



Intelligent Building / Transportation

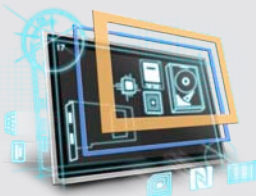


IIoT-ready Connections

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



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

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

Ultra Slim Panel PCs

Limitless Versatility via ARM-based Architecture

IoT-800 is an 8" HMI based on the powerful Quad-core ARM Cortex-A9 processor. The system runs on Android 5.1 and is designed to meet demanding applications where performance matters.



Rugged & Reliable

IoT-800 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 or 14°F ~ 122°F).

Connectivity for Every Application

IoT-800 is a true Internet of Things device, with standard wireless features such as 802.11 a/b/g/n WiFi, 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, 2MP camera, integrated speakers and a built in microphone. IoT-800 is unique in that it comes equipped with CAN BUS 2.0/OBD-II and GPIO ports, which are available for specific environmental applications.

Slim Panel PC Solutions

 5"	 8"	 10.1"	 10.1"
IOT-500	IOT-800	M1014	PC1015

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 Retail

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

				
ELIT-1900	ELIT-1850	ELIT-1210	ELIT-2240	ELIT-1050
Intel® Skylake	Intel® Broadwell	AMD Embedded R	Intel® Ivy Bridge	Intel® Braswell
6 Display out	3 Display out	3 Display out	3 Display out	2 Display out

Selection Guide

Automation Computers



Model	FPC-9002-P6	FPC-7903	FPC-7902	FPC-7901	FPC-7900
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 90 x 292 mm
CPU	7 th Gen. Intel® Xeon®/ Core™ i7/i5/i3 Processor Series (LGA1151 socket)	7 th Gen. Intel® Xeon®/ Core™ i7/i5/i3 Processor Series (LGA1151 socket)	7 th Gen. Intel® Xeon®/ Core™ i7/i5/i3 Processor Series (LGA1151 socket)	7 th Gen. Intel® Xeon®/ Core™ i7/i5/i3 Processor Series (LGA1151 socket)	7 th Gen. Intel® Xeon®/ Core™ i7/i5/i3 Processor Series (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	3 x GbE 6 x PoE(af)	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	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 (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	2 x mPCIe (1 half & 1 full) , 1 x SIM
Power Input	DC 19-36V/Ignition	DC 9-36V/Ignition	DC 9-36V/Ignition	DC 9-36V/Ignition	DC 9-36V/Ignition
Operating Temperature	-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.



Model	FPC-7803	FPC-7802	FPC-7801	FPC-7800
Dimensions (W x H x D)	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	4 th Gen. Intel® Core™ i7/i5/i3 Processor Series (LGA1150 socket)	4 th Gen. Intel® Core™ i7/i5/i3 Processor Series (LGA1150 socket)	4 th Gen. Intel® Core™ i7/i5/i3 Processor Series (LGA1150 socket)	4 th Gen. Intel® Core™ i7/i5/i3 Processor Series (LGA1150 socket)
Chipset	Q87	Q87	Q87	Q87
Memory	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM
Video	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
KB/MS	-	-	-	-
Ethernet	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.)
USB 2.0	-	-	-	-
USB 3.0/2.0	6	6	6	6
RS-232	2	2	2	2
RS-232/422/485	2	2	2	2
LPT*	Yes	Yes	Yes	Yes
Digital I/O*	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out
Expansion Bus	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	2 x mPCIe (1 half & 1 full), 1 x SIM
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

* For LPT and digital I/O, only either one of them is available.





Model	FPC-7703	FPC-7702	FPC-7701	FPC-7700
Dimensions (W x H x D)	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	3 rd Gen. Intel® Core™ i7/i5/i3 Processor Series rPGA988 (Socket G2)	3 rd Gen. Intel® Core™ i7/i5/i3 Processor Series rPGA988 (Socket G2)	3 rd Gen. Intel® Core™ i7/i5/i3 Processor Series rPGA988 (Socket G2)	3 rd Gen. Intel® Core™ i7/i5/i3 Processor Series rPGA988 (Socket G2)
Chipset	QM77	QM77	QM77	QM77
Memory	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM
Video	2 x DVI	2 x DVI	2 x DVI	2 x DVI
Audio	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
Mass Storage	1 x CFast, 2 x eSATA 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x eSATA 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x eSATA 2 x 2.5" Drive bays (Max.)	1 x CFast, 2 x eSATA 2 x 2.5" Drive bays (Max.)
USB 2.0	6	6	6	6
USB 3.0/2.0	4	4	4	4
RS-232	2	2	2	2
RS-232/422/485	2	2	2	2
LPT*	Yes	Yes	Yes	Yes
Digital I/O*	8-in/8-out	8-in/8-out	8-in/8-out	8-in/8-out
Expansion Bus	2 x PCI, 1 x mPCIe (full), 1 x SIM	1 x PCIe x8, 1 x PCIe x16, 1 x mPCIe (full), 1 x SIM	1 x PCI, 1 x PCIe x16, 1 x mPCIe (full), 1 x SIM	1 x mPCIe (full), 1 x SIM
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

* For LPT and digital I/O, only either one of them is available.




Model	FPC-7604	FPC-7603	FPC-7602	FPC-7601	FPC-7600
Dimensions (W x H x D)	195 x 90 x 268 mm	195 x 110 x 268 mm	195 x 110 x 268 mm	195 x 110 x 268 mm	195 x 70 x 268 mm
CPU	3 rd Gen. Intel® Core™ i5/i3/Celeron® Processor Series (rPGA988B socket)	3 rd Gen. Intel® Core™ i5/i3/Celeron® Processor Series (rPGA988B socket)	3 rd Gen. Intel® Core™ i5/i3/Celeron® Processor Series (rPGA988B socket)	3 rd Gen. Intel® Core™ i5/i3/Celeron® Processor Series (rPGA988B socket)	3 rd Gen. Intel® Core™ i5/i3/Celeron® Processor Series (rPGA988B socket)
Chipset	HM76	HM76	HM76	HM76	HM76
Memory	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM	2 x DDR3 SO-DIMM
Video	2 x DisplayPort, VGA	2 x DisplayPort, VGA	2 x DisplayPort, VGA	2 x DisplayPort, VGA	2 x DisplayPort, VGA
Audio	Mic-in/Line-out	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	2 x GbE	2 x GbE	2 x GbE
Mass Storage	2 x 2.5" Drive bays (Max.)	2 x 2.5" Drive bays (Max.)	2 x 2.5" Drive bays (Max.)	2 x 2.5" Drive bays (Max.)	2 x 2.5" Drive bays (Max.)
USB 2.0	2	2	2	2	2
USB 3.0/2.0	4	4	4	4	4
RS-232	2	2	2	2	2
RS-232/422/485	2	2	2	2	2
LPT	-	-	-	-	-
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 x16, 2 x mPCIe (full)	2 x PCI, 2 x mPCIe (full)	1 x PCIe x8, 1 x PCIe x16, 2 x mPCIe (full)	1 x PCI, 1 x PCIe x16, 2 x mPCIe (full),	2 x mPCIe (full)
Power Input	DC 9-36V	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



Model	Rigid-780	Rigid-782	Rigid-772	Rigid-770
Dimensions (W x H x D)	225 x 90 x 267 mm	225 x 120 x 267 mm	225 x 120 x 267 mm	225 x 90 x 267 mm
CPU	4 th Gen. Intel® Core™ i3-4340TE 2.6GHz	4 th Gen. Intel® Core™ i3-4340TE 2.6GHz	3 rd Gen. Intel® Core™ i3-3120ME 2.4GHz	3 rd Gen. Intel® Core™ i3-3120ME 2.4GHz
Chipset	Q87	Q87	QM77	QM77
Memory	4GB DDR3, expandable	4GB DDR3, expandable	4GB DDR3, expandable	4GB DDR3, expandable
Video	2 x DisplayPort, DVI	2 x DisplayPort, DVI	2 x DVI	2 x DVI
Audio	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
Mass Storage	1 x CFAST, 2 x 2.5" Drive bays	1 x CFAST, 2 x 2.5" Drive bays	1 x CFAST, 2 x eSATA, 2 x 2.5" Drive bays	1 x CFAST, 2 x eSATA, 2 x 2.5" Drive bays
USB 2.0	-	-	6	6
USB 3.0/2.0	6	6	4	4
RS-232	2	2	2	2
RS-232/422/485	2	2	2	2
LPT*	Yes	Yes	Yes	Yes
Digital I/O*	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	1 x PCIe x8, 1 x PCIe x16, 2 x mPCIe (1 half & 1 full), 1 x SIM	1 x PCIe x8, 1 x PCIe x16, 1 x mPCIe (full), 1 x SIM	1 x mPCIe (full), 1 x SIM
Power Input	DC 9-36V	DC 9-36V	DC 9-36V	DC 9-36V
Operating Temperature	-40-70°C 	-40-70°C 	-40-70°C 	-40-70°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-232/422/485	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-5800	ARES-5803	ARES-5830	ARES-530WT
Dimensions (W x H x D)	78 x 164 x 192 mm	164 x 140 x 192 mm	164 x 140 x 192 mm	70 x 160 x 125 mm
CPU	4 th Gen. Intel® Core™ i5-4402E 1.6GHz	4 th Gen. Intel® Core™ i5-4402E 1.6GHz	4 th Gen. Intel® Core™ i5-4402E 1.6GHz	Intel® J1900 / E3845 Quad-Core™ 2GHz / 1.91GHz
Chipset	QM87	QM87	QM87	SoC
Memory	2 x DDR3L SO-DIMM	2 x DDR3L SO-DIMM	2 x DDR3L SO-DIMM	4GB DDR3L installed
Video	DVI-I, DisplayPort	DVI-I, DisplayPort	DVI-I, DisplayPort	VGA, DVI-D
Audio	Mic-in/Line-out	Mic-in/Line-out	Mic-in/Line-out	Line-out
KB/MS	PS2	PS2	PS2	-
Ethernet	2 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	1 x mSATA & 1 x 2.5" Drive bay	1 x mSATA & 1 x 2.5" Drive bay	1 x mSATA & 1 x 2.5" Drive bay	2 x mSATA
USB 2.0	-	-	-	5
USB 3.0/2.0	4	4	4	1 (USB 3.0 only)
RS-232	2	-	2	1 x RS-232/422
RS-232/422/485	2 x RS-485	2 x RS-485	-	1 x RS-422/485
LPT	-	-	-	-
Digital I/O	-	4-in/ 4-out	4-in/ 4-out	4-in/ 4-out
Expansion Bus	-	2 x PCIe x4, 1 x PCIe x1	3 x PCI	1 x mPCIe (half)
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 ~ 70°C (J1900)  -40 ~ 85°C (E3845) 

 Wide temperature range



Model	ARES-1970	ARES-1970-E	ARES-1970-4P	ARES-1970-4E
Dimensions (W x H x D)	265 x 62 x 141 mm	141 x 112 x 272 mm	192 x 200 x 220 mm	192 x 200 x 220 mm
CPU	6 th Gen. Intel® Core™ i7-6600U/ i5-6300U/3-6100U	6 th Gen. Intel® Core™ i7-6600U/ i5-6300U/3-6100U	6 th Gen. Intel® Core™ i7-6600U/ i5-6300U/3-6100U	6 th Gen. Intel® Core™ i7-6600U/ i5-6300U/3-6100U
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-1973	EAGLE-8701
Dimensions (W x H x D)	230 x 80 x 155 mm	285 x 230 x 90 mm
CPU	6 th Gen. Intel® Core™ i-series, LGA1151	4 th Gen. Intel® Core™ i7-4770TE 2.3GHz / i5-4590T 2GHz, LGA 1150
Chipset	H110/C236	Q87
Memory	2x DDR4 SO-DIMM	2 x DDR3L SO-DIMM
Video	Displayport, VGA	DisplayPort
Audio	-	-
KB/MS	-	-
Ethernet	2x GbE 4x PoE (af)	2 x GbE 6 x PoE (af)
Mass Storage	1 x 2.5" drive bay, 1x M.2 2242/2280	2 x 2.5" drive bay
USB 2.0	5	2
USB 3.0/2.0	4	6
RS-232	-	-
RS-232/422/485	2	1
LPT	-	-
Digital I/O	16-in/16-out	8-in/8-out
Expansion Bus	M.2 M Key	1 x PCIe x16
Power Input	DC 24V	DC 24V
Operating Temperature	-20~50°C	-10~55°C

 Wide temperature range

Digital Signage Players





Model	ELIT-300	ELIT-1210	ELIT-1050	ELIT-1650	ELIT-1850
Dimensions (W x H x D)	124 x 30 x 105 mm	193 x 51 x 151 mm	141 x 34.8 x 107.6 mm	254.8 x 65 x 155 mm	193 x 50 x 170 mm
CPU	ARM Quad-Core Cortex-A17 2.2GHz	AMD RX-216GD 1.6Ghz	Intel® N3060, 1.6GHz	2 nd Gen. Intel® Core™ i7-2610UE 1.5GHz / Celeron® 827E 1.4GHz	5 th Gen. Intel® Core™ i7-5650U 2.2GHz / Core™ i3-5010U 2.1GHz
Chipset	SoC	SoC	SoC	QM67 / HM65	SoC
Memory	2GB DDR3 installed	2 x DDR4 SO-DIMM	2GB DDR3L Installed	2 x DDR3 SO-DIMM	1 x DDR3L SO-DIMM
Video	HDMI	1 x HDMI 2 x DisplayPort	2 x HDMI	DVI-I, HDMI	DVI-D, DisplayPort, HDMI
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 1080	3840 x 2160
Audio	-	Mic-in/Line-out	Headphone Jack	Mic-in/Line-out	Mic-in/Line-out
KB/MS	-	-	-	PS2	-
Ethernet	1 x 10/100M	1 x Fiber 1 x GbE	2 x GbE	2 x GbE	2 x GbE
Mass Storage	8GB NAND Flash, 1 x Micro SD	1 x mSATA	32GB eMMC 1 x mSATA, 1 x Micro SD	1 x CFast 1 x 2.5" Drive bay 1 x eSATA	1 x 2.5" Drive bay
USB 2.0	2	6	1	6	2
USB 3.0/2.0	-	2	4	-	4
RS-232	-	2	1	4	-
RS-232/422/485	-	-	-	2	2 x RS-232/485
LPT	-	-	-	-	-
Digital I/O	-	-	-	-	-
Expansion Bus	-	1 x M.2 (NGFF) E Key (2230)	2 x mPCIe (1 half & 1 full), 1 x SIM	1 x mPCIe (full)	1 x M.2 (NGFF) E Key (2230)
Power Input	DC 5V	DC 12V	DC 19V	DC 9-32V	DC 12-24V
Operating Temperature	0-40°C	0-55°C	-10 ~ 45°C	-30-60°C	-20-60°C




Model	ELIT-1900	ELIT-2240	IEC-3300
Dimensions (W x H x D)	280 x 47 x 200 mm	426.5 x 44.4 x 390.8 mm	163 x 39 x 109 mm
CPU	6 th Gen. Intel® Core™ i-series	3 rd Gen. Intel® Core i5/i3 LGA1155	Intel® N2807 1.58GHz/J1900 2.0GHz
Chipset	QM170	B75	SoC
Memory	1 x DDR4 SO-DIMM	2 x DDR3 LONG-DIMM	1 x DDR3L SO-DIMM
Video	6 x HDMI or DisplayPort	2 x HDMI, VGA	VGA, HDMI
Resolution	3840 x 2160	1920 x 1080	1920 x 1080
Audio	Mic-in/Line-out	-	Line-out
KB/MS	-	-	-
Ethernet	2 x GbE	4 x GbE	2 x GbE
Mass Storage	1 x 2.5" Drive bay	1 x 3.5" drive bay or 2 x 2.5" drive bay	1 x mSATA
USB 2.0	-	4	3
USB 3.0/2.0	4	-	1
RS-232	-	1	1
RS-232/422/485	1 x RS-232/485	1 x RS-232/485	-
LPT	-	-	-
Digital I/O	-	-	-
Expansion Bus	1 x mPCIe (full), 1 x SIM	1 x PCIe x16 (via PCIe x4 lanes)	1 x mPCIe
Power Input	DC 19V	AC 100-240V	DC 12V
Operating Temperature	- 10-45°C	0-50°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	4 th Gen. Intel® Core™ i5-4402E 1.6GHz	2 nd 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 PoE (af)	1 x GbE 2 x M12 GbE
Mass Storage	1 x SATA, 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



Model	ARTS-4770	FPC-9000-V1
Dimensions (W x H x D)	260 x 80 x 180 mm	225 x 90 x 292 mm
CPU	3 rd Gen. Intel® Core™ i7-3517UE 1.7GHz	7 th Gen. Intel® Xeon®/Core™ i7/i5/i3 Processor Series (LGA1151 socket)
Chipset	QM77	C236
Memory	1 x DDR3 SO-DIMM	2 x DDR4 SO-DIMM
Video	VGA, DVI-D	DisplayPort, HDMI, 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	1 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	8 in/8 out
Expansion Bus	3 x mPCIe (1 half & 2 full), 2 x SIM	3 x mPCIe (1 half & 2 full) 2 x SIM 1 x CFast
Power Input	DC 9–36V	DC 9–36V
Operating Temperature	-20 – 55°C	-20 – 55°C



Model	AES-5204
Dimensions (W x H x D)	155 x 70 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 terminal 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 

 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 47 mm	306 x 206 x 39.5 mm	306 x 206 x 47 mm
CPU	Intel® Quad-Core N2930 1.83GHz	Intel® Core™ i5-6300U 2.4GHz	Intel® Quad-Core N2930 1.83GHz	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	2	1	2
USB 3.0/2.0	1	2	1	2
WIFI	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (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

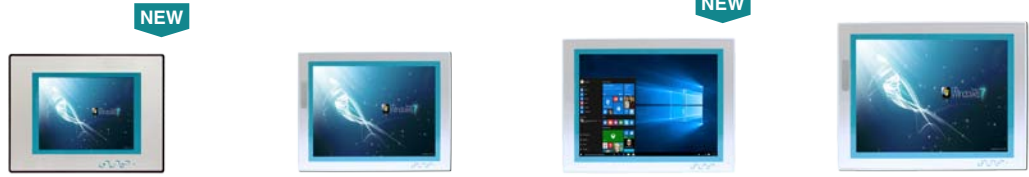


Model	ASLAN-W715C-1900G4	ASLAN-W915C-6300G4	ASLAN-W719C-1900G4	ASLAN-W919C-6300G4
Dimensions (W x H x D)	404 x 255 x 49.2 mm	470 x 295 x 56.1 mm	470 x 295 x 49.2 mm	470 x 295 x 56.1 mm
CPU	Intel® J1900 Quad-Core™ 2.0GHz	Intel® Core™ i5-6300U 2.4GHz	Intel® J1900 Quad-Core™ 2.0GHz	Intel® Core™ i5-6300U 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	2	3	2
USB 3.0/2.0	1	2	1	2
WIFI	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (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



Model	ASLAN-W722C-1900G4	ASLAN-W922C-6300G4	ASLAN-W922C-IP	ASLAN-917R
Dimensions (W x H x D)	536 x 332 x 48.4 mm	536 x 332 x 56.1 mm	620 x 417 x 75 mm	420 x 358 x 61.2mm
CPU	Intel® J1900 Quad-Core™ 2.0GHz	Intel® Core™ i5-6300U 2.4GHz	Intel® Core™ i5-6300U 2.4GHz	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	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	1 x mSATA, 2 x 2.5" drive bays
RS-232	2	-	-	2
RS-232/485	2	4	4	2
Digital I/O	-	4 in / 4 out (optional)	4 in / 4 out (optional)	-
USB 2.0	1	2	4	2
USB 3.0/2.0	1	2	Optional	2
WIFI	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (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	-20-55°C	-20-55°C

Ultra-Slim HMI



Model	LYNC-708-3845G2	LYNC-712-1900G4	LYNC-712-4200G4	LYNC-715-1900G4
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
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
Chipsets	-	-	-	-
Memory	2GB DDR3L Onboard	4GB DDR3 installed	4GB DDR3L Onboard	4GB DDR3 installed
LCD Display	8", 1024 x 768	12.1", 1024 x 768	12.1" 1024 x 768	15", 1024 x 768
Video Output	-	DVI-I	DVI	DVI-I
Audio	Line-out	-	-	-
KB/MS	-	-	-	-
Ethernet	1 x GbE (PoE)	2 x GbE	2 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
RS-232	2	-	-	-
RS-232/485	-	4	4	4
Digital I/O	-	-	-	-
USB 2.0	2	5	5	5
USB 3.0/2.0	-	-	-	-
WIFI	-	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)
Speaker	2 x 1.5W speakers	2 x 1.5W speakers (optional)	2 x 1.5W speakers (optional)	2 x 1.5W speakers (optional)
Expansion Bus	-	1 x mPCIe (full)	1 x mPCIe (full)	1 x mPCIe (full)
Power Input	DC 12V	DC 9-36V	DC 9-36V	DC 9-36V
Operating Temperature	0 ~ 60°C	-20-55°C	-20-55°C	-20-55°C



Model	LYNC-715-4200G4	LYNC-817	IOT-500	IOT-800
Dimensions (W x H x D)	389.93 x 309.93 x 56.96 mm	428.0 x 380.0 x 77.0 mm	149.3 x 110 x 36.8 mm	218.2 x 162.7 x 46.5 mm
CPU	Intel® N4200 Quad-Core™ 1.10GHz	Intel® J1900 Quad-Core™ 2.0GHz	ARM Dual-core Cortex-A7 1.0GHz	ARM Quad-core Cortex-A9 1.6GHz
Chipsets	-	-	-	-
Memory	4GB DDR3L Onboard	4GB DDR3L installed	512MB LPDDR2	1GB LPDDR3
LCD Display	15", 1024 x 768	17", 1280 x 1024	5", 960 x 540	8", 1024 x 600
Video Output	DVI	DVI-I	-	-
Audio	-	Line-out	-	-
KB/MS	-	-	-	-
Ethernet	2 x GbE	2 x GbE	1 x 10/100M	1 x 10/100M
Mass Storage	1 x CFast & 1 x 2.5" drive bay	1 x CFast & 1 x 2.5" drive bay	4GB eMMC	16GB eMMC
RS-232	-	2	-	1
RS-232/485	4	2	1 x RS-232/422/485	1 x RS-232/422/485
Digital I/O	-	-	4 x 3.3V GPIO	4 x 3.3V GPIO
USB 2.0	5	3	2	2
USB 3.0/2.0	-	1	-	-
WIFI	PCIe Mini-card (optional)	PCIe Mini-card (optional)	Yes	Yes
Speaker	2 x 1.5W (optional)	-	0.8W	2W
Expansion Bus	1 x mPCIe (full)	1 x mPCIe (full) 1 x PCI 32-bit slot (default) or 1 x PCIe x1 slot (optional)	-	1 x Micro SD
Power Input	DC 9-36V	DC 9-36V	DC 12-24V	DC 12-24V
Operating Temperature	-20°C ~ 55°C	0°C ~ 55°C	-10°C ~ 50°C	-10°C ~ 50°C

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	Intel® Core™ i3-2340UE 1.3GHz	Intel® Core™ i3-2340UE 1.3GHz	Intel® 827E Single-Core 1.4GHz	Intel® 827E Single-Core 1.4GHz	Intel® 827E Single-Core 1.4GHz
	Intel® 847E Dual-Core 1.1 GHz	Intel® 847E Dual-Core 1.1 GHz			
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 CFast (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	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (optional)	PCIe Mini-card (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

Power Backup Solution



Model	SCP-43	SCP-41
Dimensions (W x H x D)	100 x 187.4 x 150 mm	100 x 187.4 x 150 mm
Type	Supercapacitor 4S3P	Supercapacitor 4S1P
Capacity	400 Farads / Each	400 Farads / Each
Power Input	DC 12~28V	DC 12~28V
Power Output	DC 12V / 24V	DC 12V / 24V
Operating Temperature	-20°C ~ 70°C W	-20°C ~ 70°C W

W Wide temperature range

Power-over-Ethernet Interface Card



Model	PoE-i211	PoE-i214
Dimensions (W x H)	168 x 111 mm	168 x 111 mm
LAN Chipset	1 x Intel i210IT Ethernet Controller	4 x Intel i210IT Ethernet Controller
Type	PCIe	PCIe
Power Input	1.6A @ 3.3VDC from PCI Express bus 2.8A @12VDC, directly from PCI Express bus	2.4A @ 3.3VDC from PCI Express bus 5.6A @12VDC, directly from 4 pin AT/ATX power connector
Power Output	15.4W@48VDC power output (per port)	15.4W@48VDC power output (per port)
Operating Temperature	-40°C ~ 85°C W	-40°C ~ 85°C W

W Wide temperature range

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