

2024 IMU PRODUCTS

POS · KIOSK · MOBILE
STORE ORDER PLATFORM



ARC POS



ARC KIOSK



200B



250B



200w



250



RAINBOW KIOSK



200K



SLIM KIOSK



SCO



12.5 inch KIOSK



CUBE

CONTACT US

+82-2-6105-7261/7271

sales2@imupos.com



WATCHING THE
IMU POS · KIOSK
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ARC POS

ARC POS is a new concept smart POS system that transforms the store space.

- A new concept of smart POS system that innovates the store
- Different levels of detail, modern and sophisticated design
- CUBE PC can be installed to enable efficient space utilization
- Landscape and Portrait view (2 different product)
- Plug & Play | Windows or Android

Model	ARC-H(M)
	Summary Display Secondary Display 
Display	12.2" LED Backlight (1920×1200 / 16:10 Ratio / 350cd/m² (Typ)) / PCAP 10 Point Multi-touch
Audio	3W x 1, Speaker
Secondary Display	8" Customer Display / LED Backlight (1280×800 / 16:10 Ratio / 270cd/m² (Typ)) / PCAP 10 Point Multi-touch
I/O Ports	Serial(RJ11) x 1 / Mini DP x 1 / USB 2.0 × 2
Physical Dimension	292 (W) x 383 (D) x 106 (H) mm / 3.2 kg

*Specifications are subject to change without prior notice.

Model	ARC-V(M)
	Summary Display Secondary Display 
Display	12.2" LED Backlight (1200×1920 / 16:10 Ratio) PCAP 10 Point Multi-touch
Audio	3W x 1, Speaker
Secondary Display	8" Customer Display / LED Backlight (1280×800 / 16:10 Ratio) PCAP 10 Point Multi-touch
I/O Ports	Serial(RJ11) x 1 / Mini DP x 1 / USB 2.0 × 2
Physical Dimension	204 (W) x 453 (D) x 116 (H) mm / 2.7 kg

*Specifications are subject to change without prior notice.

ARC POS	200 Series	250 Series	KIOSK	Android POS	Peripheral Options
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Model	CUBE
	
Processor	Intel® Celeron® Processor J6412 (Fanless)
Storage	Premium. 256GB (PCIe 3.0 NVMe)
Memory	4GB (1 x SODIMM DDR4 3200MHz up to 16GB)
Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors
Connecting device	802.11 b/g/n/ac Wireless & Bluetooth 5.1 combo card
I/O Ports	USB 3.0(Type A) x 1/ USB 3.2 Gen2(Type C, DP alt mode support) x 1 / LAN(RJ45) x 1 / Mini DP output(Dual display support) x 1 / 4pin 12V DC INPUT x 1 / RS232(RJ45) x 3, USB 2.0 × 2
I/O Ports 2(Optional)	USB 2.0 × 4 / RS232(RJ45) x 2
Power Supply	DC 12V/5A (AC 100V~240V, 60W)
OS	Windows 10 IoT Enterprise(64bit) / Windows 11(64bit)
Physical Dimension	172 (W) x 106 (D) x 57 (H) mm / 0.7 kg

*Specifications are subject to change without prior notice.

200 Series

A reliable and stable POS system with excellent performance following today's technology trend.

- Full Aluminum frame structure to optimize CPU heat dissipation
- One-touch installation of 2nd display
- Glass touch panel
- Secure Safety through tightening connection
- SSD Sliding structure design

Model	S-200	S-200AL	E-200
			
Processor	7th or 8th Generation Intel® Core™ i3, i5, i7 Processors	12th Generation Intel® Core™ i3(1215U), i5(1235U), i7(1255U) Processors (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz
Chipset / BIOS	Intel® Kaby Lake SoC / AMI	Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI
Storage	2.5" SATA III SSD 128GB (SSD 256/512GB, optional)		
Memory	4GB SO-DIMM DDR4 2133MHz x 2 (Max 32GB, optional)	4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
OS	Windows 10 IoT Enterprise (64bit)	Windows 10 IoT Enterprise (64bit), Windows 11 (64bit)	
Display	15" LCD WLED Backlight (1024 x 768 Resolution)		
Touch	PCAP 10 Point Multi-touch		
I/O Interfaces	2 x USB 2.0 (Rear Top x 2), 4 x USB 3.0 (Rear Bottom x 4), 1 x USB 2.0 (RJ11) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DisplayPort *Can be used for HDMI and Standard DVI, VGA monitor by passive cable. 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet))		
Speaker	1W x 1	3W x 1	3W x 1
Peripheral Options	Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader		
Physical Dimension	362 (W) x 237 (D) x 352 (H) mm / 5.0 kg		
Power Supply	DC 12V/5A (AC 100V~240V, 60W)	DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)



S-200WAL	E-200W	S-200BAL	E-200B
			
12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz	12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz
Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI	Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI
2.5" SATA III SSD 128GB (SSD 256/512GB, optional)		2.5" SATA III SSD 128GB (SSD 256/512GB, optional)	
4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
Windows 10 IoT Enterprise (64bit), Windows 11 (64bit)		Windows 10 IoT Enterprise (64bit), Windows 11 (64bit)	
15.6" LCD WLED Backlight (FHD, 1920 x 1080 Resolution)		21.5" LCD WLED Backlight (FHD, 1920 x 1080 Resolution)	
PCAP 10 Point Multi-touch		PCAP 10 Point Multi-touch	
2 x USB 2.0 (Rear Top x 2), 1 x USB 2.0 (RJ11), 4 x USB 3.0 (Rear Bottom x 4) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DP output 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet)		2 x USB 2.0 (Rear Top x 2), 1 x USB 2.0 (RJ11), 4 x USB 3.0 (Rear Bottom x 4) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DP output, 1 x HDMI 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet)	
2W x 1		3W x 2	
Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader		Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader	
382 (W) x 237 (D) x 352 (h) mm / 4.8 kg		524 (W) x 251 (D) x 386 (H) mm / 6.5 kg	
DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)	DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)

*Specifications are subject to change without prior notice.

250 Series

A POS system that was first released overseas and validated for customers looking for a new solution.

- Full Aluminum frame structure to optimize CPU heat dissipation
- One-touch installation of 2nd display
- Glass touch panel
- Secure Safety through tightening connection
- SSD Sliding structure design

Model	S-250	S-250AL	E-250
			
Processor	7th or 8th Generation Intel® Core™ i3, i5, i7 Processors	12th Generation Intel® Core™ i3(1215U), i5(1235U), i7(1255U) Processors (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz
Chipset / BIOS	Intel® Kaby Lake SoC / AMI	Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI
Storage	2.5" SATA III SSD 128GB (SSD 256/512GB, optional)		
Memory	4GB SO-DIMM DDR4 2133MHz x 2 (Max 32GB, optional)	4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
OS	Windows 10 IoT Enterprise(64bit), Windows 11(64bit)		
Display	15" LCD WLED Backlight (1024 x 768 Resolution)		
Touch	PCAP 10 Point Multi-touch		
I/O Interfaces	2 x USB 2.0 (Rear Top x 2), 4 x USB 3.0 (Rear Bottom x 4), 1 x USB 2.0 (RJ11) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DisplayPort *Can be used for HDMI and Standard DVI, VGA monitor by passive cable. 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet))		
Speaker	1W x 1	3W x 1	3W x 1
Peripheral Options	Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader		
Physical Dimension	362 (W) x 237 (D) x 357 (H) mm / 4.5 kg		
Power Supply	DC 12V/5A (AC 100V~240V, 60W)	DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)

ARC POS	200 Series	250 Series	KIOSK	Android POS	Peripheral Options
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S-250WAL	E-250W	S-250BAL	E-250B
			
12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz	12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz
Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI	Intel® Alder Lake SoC / AMI UEFI	Intel® Elkhart Lake SoC / AMI UEFI
2.5" SATA III SSD 128GB (SSD 256/512GB, optional)		2.5" SATA III SSD 128GB (SSD 256/512GB, optional)	
4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)	4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
Windows 10 IoT Enterprise(64bit), Windows 11(64bit)		Windows 10 IoT Enterprise(64bit), Windows 11(64bit)	
15.6" LCD WLED Backlight (FHD, 1920 x 1080 Resolution)		21.5" LCD WLED Backlight (FHD, 1920 x 1080 Resolution)	
PCAP 10 Point Multi-touch		PCAP 10 Point Multi-touch	
2 x USB 2.0 (Rear Top x 2), 1 x USB 2.0 (RJ11), 4 x USB 3.0 (Rear Bottom x 4) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DP output 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet)		2 x USB 2.0 (Rear Top x 2), 1 x USB 2.0 (RJ11), 4 x USB 3.0 (Rear Bottom x 4) 6 x Serial (DB9 x 3, RJ50 x 2, RJ11 x 1) 1 x Audio-out / 3.5mm 1 x DP output, 1 x HDMI 1 x RJ45 (Base-T 10,100,1000m/bps Ethernet)	
2W x 1		3W x 2	
Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader		Secondary Display (9.7", 15" / Touch, Non touch) Customer Display (CDP), Card Reader (MSR / SCR), Dallas Reader	
382 (W) x 220 (D) x 354 (H) mm / 4.3 kg		524 (W) x 262 (D) x 390 (H) mm / 6.4 kg	
DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)	DC 12V/7A (AC 100V~240V, 84W)	DC 12V/5A (AC 100V~240V, 60W)

*Specifications are subject to change without prior notice.

KIOSK

Customers can order and pay directly at the KIOSK which will reduce customer waiting time which makes managing multiple stores more efficient.

Model	SCO21 (21.5" KIOSK)	
	• Receipt paper and module replacement is fast and easy • SSD replacement is easy to attach/detach • Easily replace the main body and scanner module 	
Processor	Intel® Core™ i3/i5/i7 (Fanless) Intel® Celeron® Quad-core Processor J4125 2.0GHz/2.7GHz (Fanless) Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz(Fanless)	
Storage	SSD 128GB	
Memory	DDR4 4GB	
OS	Windows 10 IoT Enterprise	
Display	21.5" LCD WLED Backlight (FHD, 1080 × 1920 Resolution)	
Touch	PCAP 10 Point Multi-touch	
I/O Port	6 Serial (DB9 × 3, RJ50(RJ45) × 2, RJ11 × 1) 6 USB(3.0), 1 Parallel, Audio, 1 Ethernet (10/100/1000), 1 Display Port	
Speaker	Internal Speakers	
180° Fixed Scanner	MG1500i (Datalogic Magellan) 1D/2D Fixed Barcode Scanner Interface : USB or RS-232 LED Aimer for Precision Scanning Resolution : 0.130mm/5mils	
Hand Scanner (Optional)	QuickScan QD2500 2D (Datalogic) 1D/2D Hand Scanner Interface : USB or RS-232	
Thermal Printer (Desk)	WSP-CP383 Speed 200mm/sec Resolution 203dpi Interface : RS-232 Auto-Cutter	
Thermal Printer (Stand)	SRP-E300 Speed 220mm/sec Resolution 203dpi Interface : RS-232 Auto-Cutter	
Physical Dimension	Desk Type 460 (W) x 350 (D) x 899 (H) mm, Add bottom plate	Pole type 400 (W) x 520 (D) x 1,586 (H) mm, Excluding shelves
Power Supply	DC 12V/5A (AC 100V~240V, 60W) / DC 24V/4A (AC 100V~240V, 96W)	

*Specifications are subject to change without prior notice.

ARC POS	200 Series	250 Series	KIOSK	Android POS	Peripheral Options
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Model	KIO-F16E6 (RAINBOW KIOSK)
	• Clear screen with 15.6” FHD resolution • Internal Speaker • Modular system (easy maintenance) • Lightweight product (possible to move and install by one person) • Optional camera and voice recognition microphone 
Processor	Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz
Storage	2.5" SATA III SSD 128GB (HDD 500GB, optional)
Memory	4GB SO-DIMM / DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors
OS	Windows 10 IoT Enterprise
Display	15.6" LCD WLED Backlight (FHD, 1080 × 1920 Resolution)
Touch	PCAP 10 Point Multi-touch
I/O Port	1 x USB 2.0 2 x Serial (RJ45 × 1, RJ11 × 1) - COM4 (RJ45) : RS232 / COM6(RJ11) : USB 2.0 and RS232 with +5V/1A for Card Reader 1 x RJ45 (Base-T 10/100/1000 Ethernet)
Speaker	3W x 1 (Internal Speakers)
Scanner	2D Scanner (optional)
Printer	3" Thermal Receipt Printer (Speed: 200mm/sec max. Autocut)
Peripheral Options	Card Reader(MSR / SCR) - Smart Card Reader: ISO/IEC7816 EMV Level 1 - Magnetic Stripe Reader: ISO 7811 ID-1 All tracks *Interface: USB(HID) and RS232C(COM6)
Physical Dimension	279 (W) x 582 (D) x 201 (H) mm / 6.1 kg (Only body)
Power Supply	DC 24V/4A (AC 100V~240V, 96W)

*Specifications are subject to change without prior notice.

Android POS

Android is an open platform, so Android POS can be customized for a variety of features and requirements.



Model	A-200	A-250
		
OS	Android 8.1	
Processor	Rockchip RK3288 (Quad-core Cortex-A17)	
Storage	eMMC 16GB	
Memory	DDR3L 2GB	
Primary Display	15.6" LCD WLED Backlight (FHD, 1920 x 1080 Resolution)	
Touch	PCAP 10 Point Multi-touch	
Speaker	2W x 2 Channel / Stereo	
Network	Wi-Fi 802.11b/g/n 2.4 GHz, Bluetooth 4.2	
LAN	1 x RJ45 (Base-T 10, 100, 1000m/bps Ethernet)	
External I/O Ports	2 x RS232 (DB9) 1 x RJ50 1 x Stereo + Mic Audio jack 3.5mm 1 x DC Jack (5.5 /2.5) screw type 1 x RJ45 (LAN) 1 x Display port 4 x USB 2.0 (Type A), 1 x MicroUSB (ADB) 1 x RS232 + USB (RJ11)	
2nd Display I/O Ports	1 x DP, included DP signal + 1 x USB + 12V, supported HDMI, DVI, VGA	
Peripheral Options	2nd Display : 9.7" or 15" WLED Backlight (1024 × 768 Resolution) IC Reader & MSR (ISO7816 - Support All Track) Camera : CMOS Sensor 5M pixels, AF (optional)	
Physical Dimension	382 (W) X 237 (D) X 352 (H) mm / 4.0 Kg	382 (W) X 220 (D) X 354 (H) mm / 4.0 Kg
Power Supply	DC 12V/5A (AC 100V~240V, 60W)	

*Specifications are subject to change without prior notice



Model	ARC-H(A)
	
OS	Android 11
Processor	Rockchip RK3568, Quad-core A55, 2.0 GHz
Storage	eMMC 32GB(eMMC 64GB, optional)
memory	DDR4 4GB
Multi-Media	Support 1080P, H.265 hardware decoder
Network	AzureWave /AW-CM390SM, Wi-Fi 802.11 AC 2.4/5GHz, Bluetooth 5.0
Playback	wmv, avi, flv, rm, rmvb, mpeg , ts, mp4
Graphics	BMP, JPEG, PNG, GIF
Display	12.2" LED Backlight (1920×1200 / 16:10 Ratio / 350cd/m² (Typ)) / PCAP 10 Point Multi-touch
Secondary Display	8" Customer Display / LED Backlight (1280×800 / 16:10 Ratio / 270cd/m² (Typ)) / PCAP 10 Point Multi-touch
USB	USB 3.0 × 2 (External x 1, type C x 1) / USB 2.0 × 3 (External x 2, RJ11 × 1)
LAN	RJ45 × 1(Base-T 10, 100, 1000m/bps Ethernet)
Serial port	RJ50 × 1, RJ11 × 1
Audio	Audio-out / 3.5mm x 1
Speaker	3W x 1
RTC clock	RTC clock battery on board
Physical Dimension	292 (W) x 383 (D) x 106 (H) mm / 3.4 kg
Power Supply	Type C (60W) 12V/5A ; support PD

*Specifications are subject to change without prior notice

Peripheral Options

Store hardware can be interlocked by selecting the correct properties.

Model	SLK-TL100BT (ARC PRINTER)
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	• Compact and Sleek design for ARC POS • Highglossy with UV coating • Reduce power consumption and cost through energy star certification • High reliability mechanism: 1.5 Million of Cutter life and 160km of TPH Life	
Media Type	3" Thermal Printer	
Print Speed	200mm/sec	
Interface	USB (B type) + Serial (RS-232 9pin) + Bluetooth Ver 4.2(Movon, iOS)	
Dimension	136 (W) x 165 (D) x 111 (H) mm	
Weight	0.6 kg	



*Specifications are subject to change without prior notice

Model	9.7" Secondary Display	15" Secondary Display
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Display Type	TFT LCD	
Touch (Optional)	PCAP 10 Point Multi-touch	
White Luminance	350 cd/m²	300 or 350 cd/m²
Resolution	1024 × 768 (px)	
Interface	(Included USB2.0 / DC 12V)	
Output Port	USB2.0 × 1	
Viewing Angle (Min)	80 ~ 89°	
LED Life Time (Min)	15000 Hrs	50000 Hrs
Temperature	0 ~ 50°C (Operation /Storage)	
Dimension	241.2 (W) x 25 (D) x 194.2 (H) mm *Exclude HINGE	360 (W) x 35 (D) x 284 (H) mm *Exclude HINGE
Weight	930 g	2.60 kg

*Specifications are subject to change without prior notice

ARC POS	200 Series	250 Series	KIOSK	Android POS	Peripheral Options
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MSR



Card Reader Interface type RJ11(RS232 Level, Power Pin 1 +5V)
MSR Supplied 1,2,3 Track
Interface RS-232
Sound Buzzer
Operating Temperature 0 °C to +50 °C
Power Supply DC 5V

Dallas Reader



Card Reader Interface type DB9(RS232 Level, Power Pin 9 +5V)
Data Protocol 1-Wire®
Interface RS-232
Operating Temperature 0 °C to +50 °C
Power Supply DC 5V

Customer Display



Card Reader Interface type RJ50(RS232 Level, Power Pin 1 +5V)
Display Type FSTN LCD
Brightness 500 cd/m²
Display Color Navy Blue
Interface RS-232
Number of Characters 20 columns x 2 lines
Character Size 8×16 Dot Matrix
Operating Temperature 0 °C to +50 °C
Input Voltage DC 5V

RFID Reader



Card Reader Interface type DB9(RS232 Level, Power Pin 9 +5V)
Transmit Frequency 125 kHz standard
Transponder H4001 / H4002 / EM4100 / 4102 EM Card Read only
Reading Distance Up to 5 cm with EM card
Interface RS232
Operating Temperature 0 °C to +50 °C
Power Supply DC 5V

*Specifications are subject to change without prior notice

