



imu pos ARC-HM Smart Pos System Installation Guide

[Home](#) » [imu_pos](#) » imu pos ARC-HM Smart Pos System Installation Guide 



Installation Guide
ARC POS
SMART POS SYSTEM
Rev.1.1EN(202309)



Contents

- 1 Safety Precautions
- 2 Package Contents
- 3 Product Overview
- 4 I/O Port
- 5 Connecting product
- 6 Turning on Product
- 7 Dimension of Product
- 8 Specification
- 9 Documents / Resources

Safety Precautions

Be sure to read the Safety Precautions before using the POS system.

- Before connecting, make sure the operating voltage is AC100 ~ 240V. Otherwise, you may damage the system.
- Do not install the system in an extremely hot or cold place.
- Avoid exposing the product in direct sunlight or in an enclosed space for a long period of time.
- Be careful not to place the system near other high-frequency electromagnetic devices; there is a strong possibility it will lead to a system malfunction or system error.
- Do not place heavy objects on the system.
- Please do not allow external substances to be contaminated inside the system.
- Do not change the motherboard's battery by yourself. It can damage the system.
- Before disassembling the system, disconnect all power and cables.
- Do not remove or repair the system by yourself. We highly recommend an engineer's assistance or an experienced technician to open the system, especially the LCD and touch panels which could be easily broken.
- An electrical outlet is needed near the device and it should be easily accessible.
- Risk of explosion if battery is replaced by an incorrect type. Replace only with the same type of batteries recommended by the manufacturer.
- This device complies with the EMC (Electromagnetic Compatibility) Regulations, for business purposes. Distributors and users are advised of this matter.
- Do not use excessive force when using or pressing the touch panel. Do not use objects with sharp edges on the touch panel.
- Please exchange the equipment if you mistakenly sold or purchased this product.
- Cleaning and Maintenance is relevantly necessary for POS terminal to be operated well.



POS Terminal Security Guideline

Operating System Security

System-provided and managed by the operating system's default security settings must be configured.



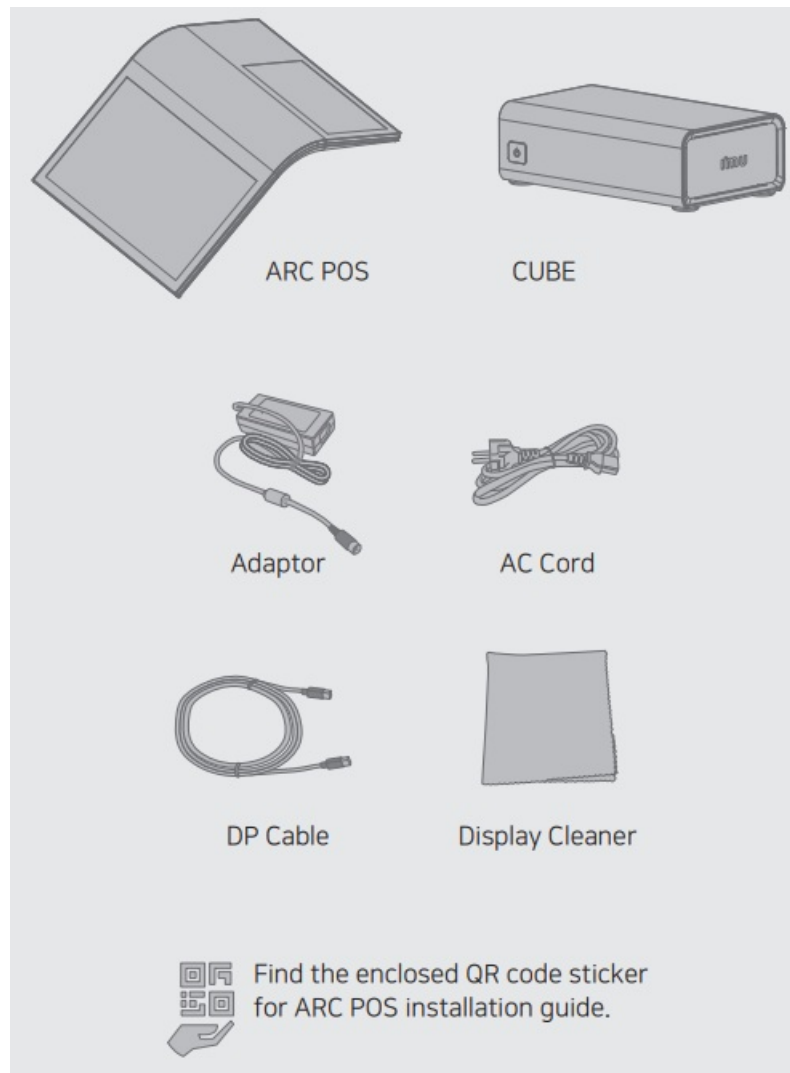
Touch Screen Security Guideline

Please take special care with the touch panel as it is vulnerable to scratches.

- Do not use excessive force when using or pressing the touch panel. Do not use objects with sharp edges on the touch panel.

- Be careful not to spill any liquid on the screen.
- Turn off the power switch and unplug all cables before cleaning the screen and/or the system.
- Use a soft, clean, dry cloth for cleaning the system, and do not use chemicals or detergents.

Package Contents

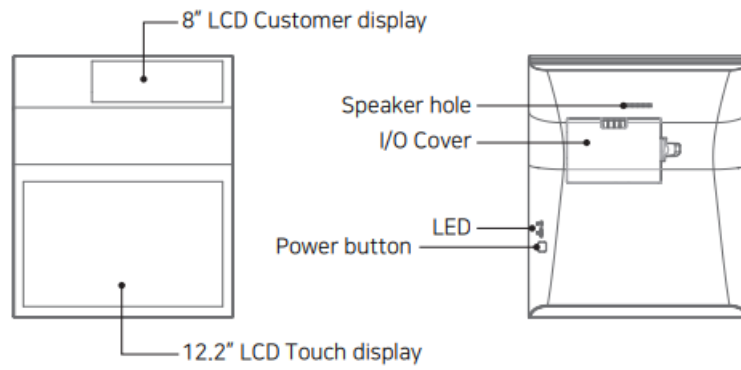


* Component images are for reference only and may vary by model and option.

Product Overview

ARC POS

ARC POS



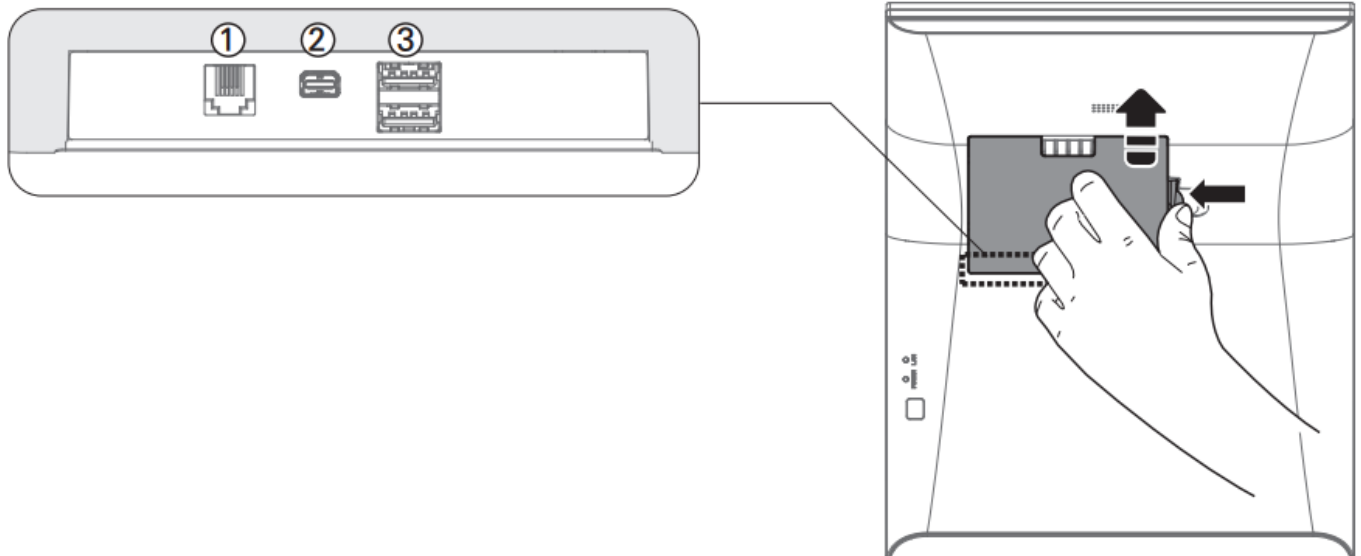
CUBE



I/O Port

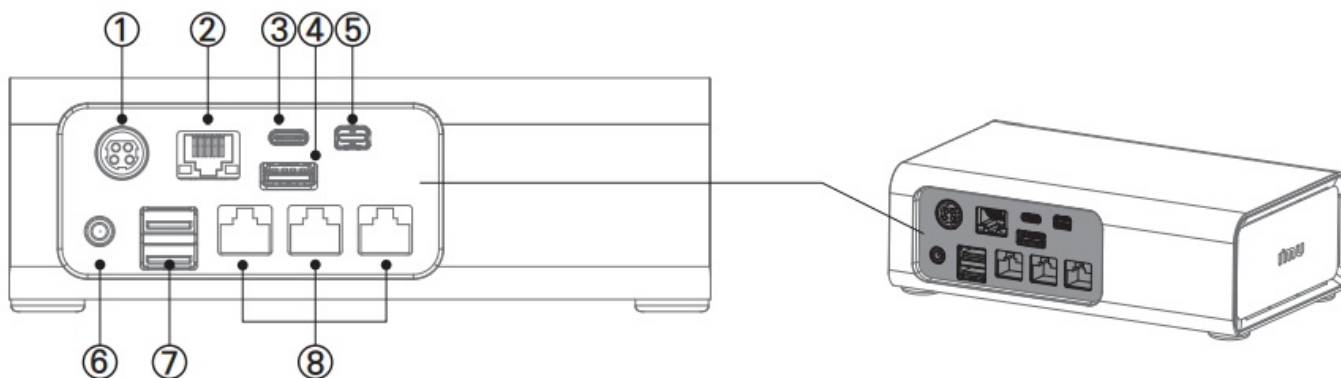
Opening I/O cover

⚠ Turn off the product before connecting the input/output ports.
Press the I/O cover hook and remove it upwards.



ARC POS I/O Ports

1. COM 5 x 1 (RJ11 for Multi Pad)
2. Mini DP
3. USB x 2



CUBE I/O Ports

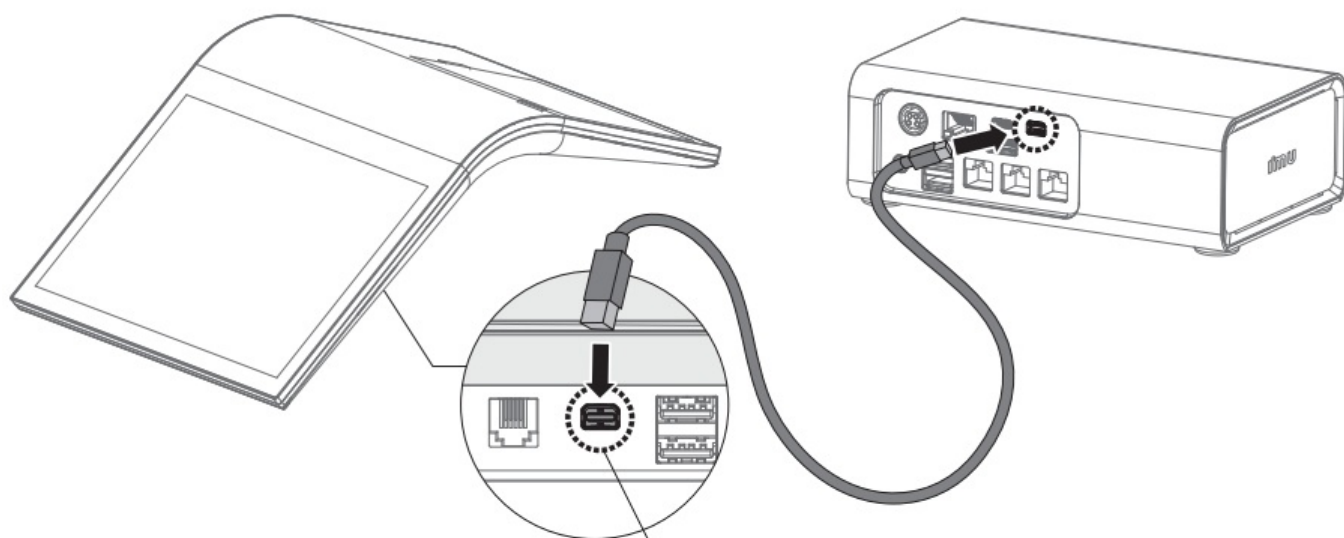
1. DC 12V
2. LAN
3. USB (Type C)*
4. USB (Type A)
5. Mini DP
6. Audio
7. USB
8. COM 1/2/3

* Through DP Alt mode, it is possible to connect with other display devices.

Connecting product

Connecting ARC POS and CUBE PC

Connect ARC POS and CUBE using DP Cable as shown in the figure.

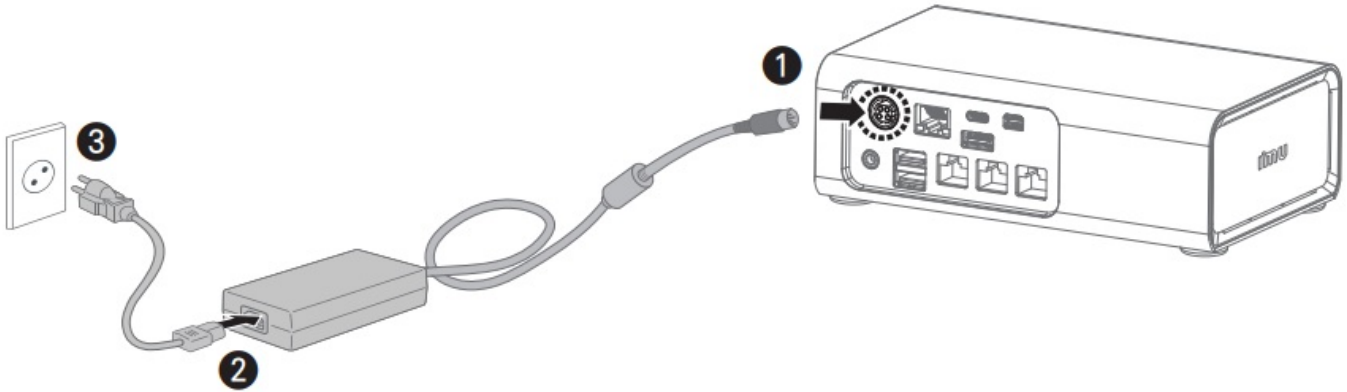


⚠ When connecting cables, check the top and bottom directions of the connectors.

Connecting Power

! Plug the adapter's DC cable into the system and then connect the power cord.

1. Connect the adapter cable to DC 12V of the CUBE I/O port.
2. Connect the power cord to the adapter.
3. Connect the power cord to a power outlet.



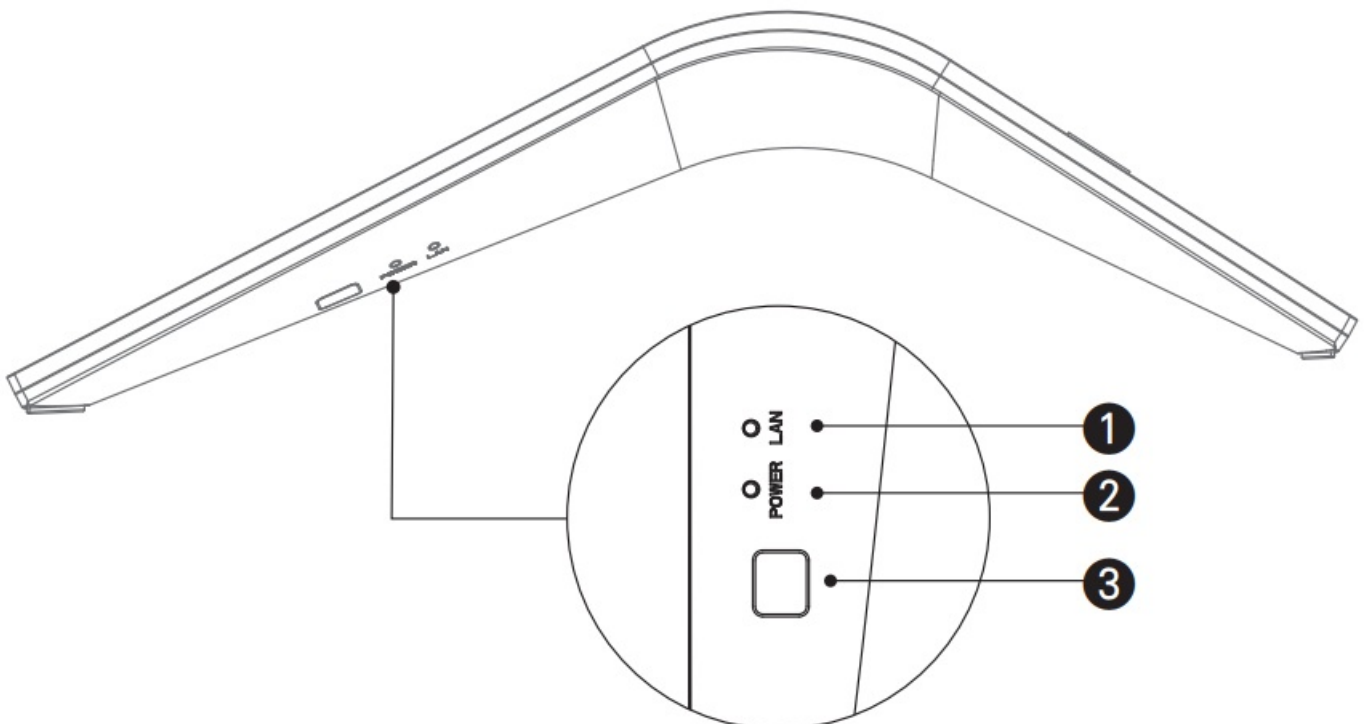
Turning on Product

! After installing all peripheral devices, turn on the power.
You can turn the power on and off in the same way on both ARC POS and CUBE.

Powering on the ARC POS

The power button is located at the bottom right, and when you touch the button, the power is turned on and the LED lamp lights up. Each LED shows differing color according to operating status.

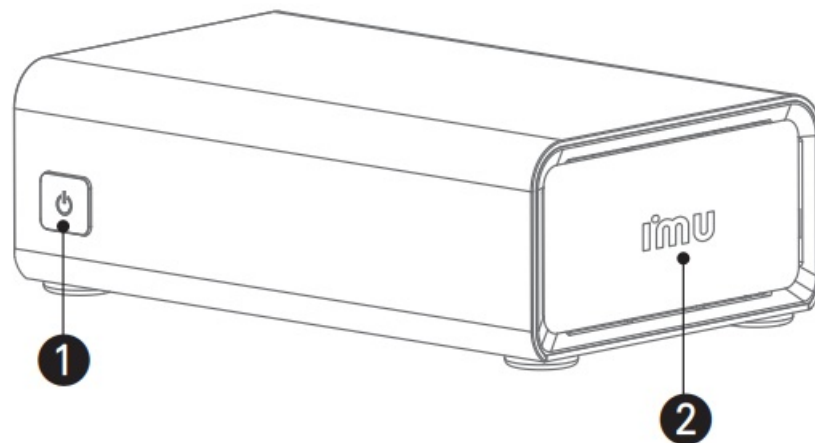
1. LAN LED: LAN connected (RED)
2. POWER LED: Power on (BLUE)
3. Power button



Powering on the CUBE

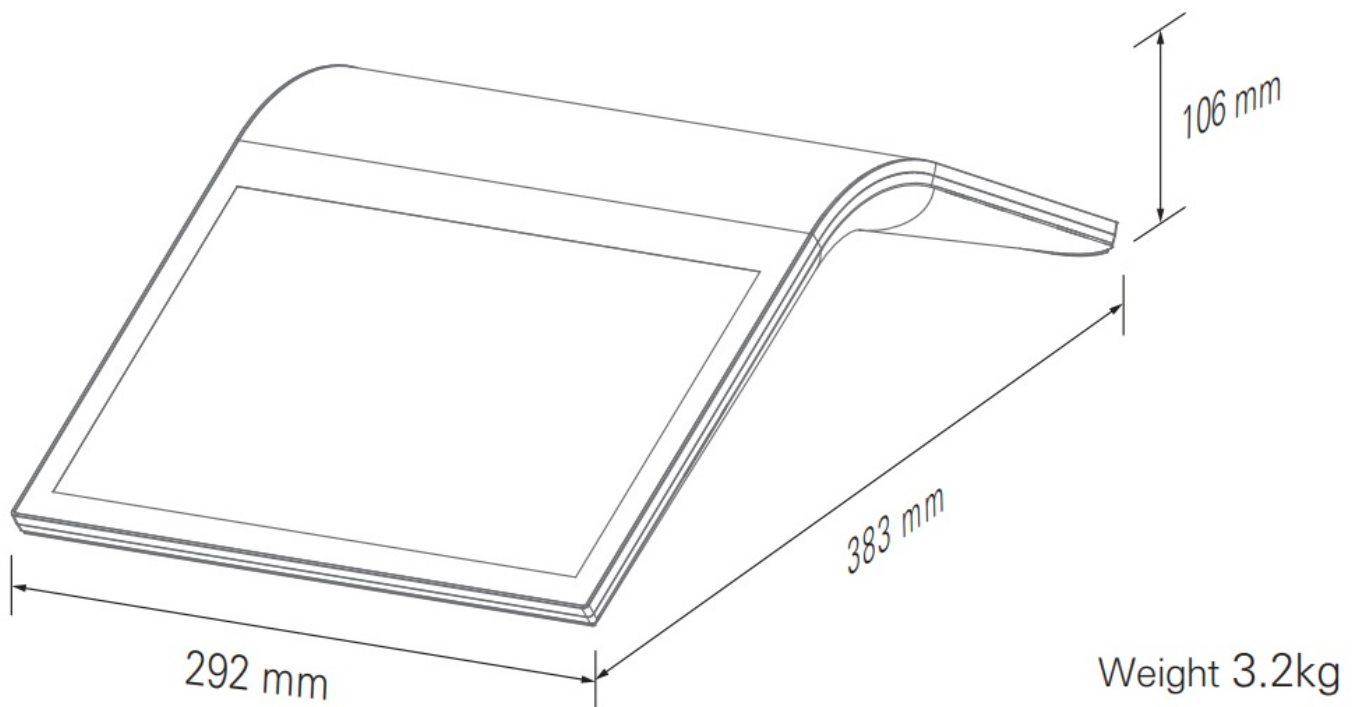
The power button is located on the side, and when you touch the button, the power is turned on and the left and right LED lamps light up.

1. Power button: Power on (White)
2. Deco LED (White)

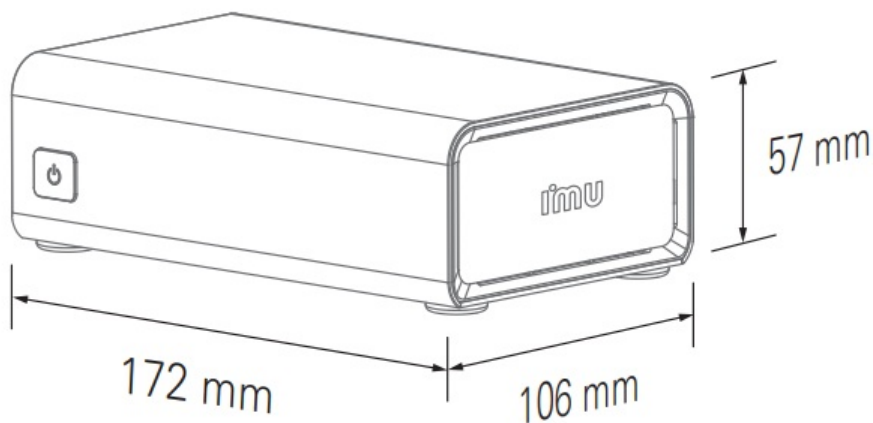


Dimension of Product

ARC POS



CUBE



Weight 0.7kg

Specification

ARC-H(M)	
Display	12.2" LED Backlight (1920×1200 / 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 x 2
Certifications	Operating : 0~40°C at 20~90% humidity
Temperature	CE, FCC, KC
CUBE	
Processor	Intel® Celeron® Processor J6412 (Finless)
Storage	Standard. 128GB (1 x M.2 2280 SATAIII) or Premium. 256GB (PCIe 3.0 NVM (option))
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 x 2
I/O Ports 2(Optional)	USB 2.0 x 4 / RS232(RJ45) x 2
Power	60W / 12V DC input
OS	Windows 10 IoT Enterprise(64bit) / Windows 11(64bit)
Temperature	Operating : 0~40°C at 20~90% humidity
Certifications	CE, FCC, KC



This user manual is provided for informational purposes and cannot be reproduced or distributed without

consent under the Copyright Act. Specifications in the user manual are subject to change without prior notice.



Documents / Resources

The image shows the cover of the 'Installation Guide' for the 'ARC POS SMART POS SYSTEM'. It features a small photograph of the device and the text 'Installation Guide', 'ARC POS', 'SMART POS SYSTEM', and 'Rev.1.1EN(202309)'.	<p>imu pos ARC-HM Smart Pos System [pdf] Installation Guide</p> <p>ARC-H M, CUBE, ARC-HM, ARC-HM Smart Pos System, Smart Pos System, Pos System, System</p>
---	---

Manuals+.