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# POS-PA31

Smart POS Terminal

## High Performance All in one POS Terminal

- All-in-One POS with integrated 3"/2" thermal printer, for space-saving.
- High performance equipped with Intel CPU, Core i3 & i5 available.
- Stylish design, with reliability, stability and security.
- Meeting demands at AIoT era.
- Various in formats - Single/ Dual/ Touch, 2nd display.
- Suitable for multiple scenarios - Retail, Hospitality, Speciality, and more.
- Multiple optional peripheral, MSR/Wi-Fi+BT module.
- High performance CPU in computing.



15.6"



Stylish  
Screen



3.5"  
Printer



Retail store



Snack Bar



Supermarket



Tobacco



Restaurant



Luxury



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# Specification Sheet



## Operating System

Windows 10 IoT/ Windows 11/ Linux  
Android 11



## CPU

Intel® Celeron® J6412  
Intel® Tigerlake i3-1115G4  
Intel® i5-8365U  
Rockchip RK3568



## RAM

DDR4 4GB/8GB



## Storage

64/128/256GB SSD  
32/64GB eMMC (RK3568)



## Main Display

15.6" LCD (1920\*1080),  
16:9, P-Cap, 10-point touch



## Second Display

13.3"/15.6"  
Touch as optional



## Mounting

Desktop



## Appearance

Plastic+Metal  
Color in pearl white  
(space grey as optional)



## Environment

Operating: 0° -50° C  
Storage: -20° -60° C



## Dimensions (W x H x D)

Desktop: 380\*420\*220 (mm)  
Packing: 490\*530\*330 (mm)



## Weight

Net weight: in single screen 6.6kg  
in dual screen 7.8kg



## Certification

CE, FCC, CCC, RoHS



## I/O Ports (1)

J6412:  
2\*USB 3.0, 2\*USB 2.0, 1\*DC-in, 1\* VGA, 1\* HDMI, 1\*  
RJ-45 1,000M LAN, 1\* Line-out, 1\*Mic-in



## I/O Ports (2)

RK3568:  
1\* USB 3.0 OTG, 5\* USB Host, 1\* HDMI, 1\* RJ-45 LAN, 2\*  
RJ-232, 2\*RJ-485, 2\*TTL, 1\* Mic-in, 1\* microSD card, 1\*  
12V DC-in



## Peripheral

Printer: 3" / 2" thermal printer  
MSR: 1-2-3 track (support OPOS driver)  
Wi-Fi+BT module



## Others

Power supply: 12V 5A DC  
Speaker: 4Ω3W

i3-1115G4:  
4\* USB 3.0, 2\* USB 2.0, 6\* USB 2.0 header, 1\* RJ-45 Gb  
LAN, 1\* RJ-232, 3\*RJ-232 header, 1\* HDMI, 1\* LVDS  
header, 1\* Mic-in/Line-out, 1\* DC-in 12V.

## All Port Info



1. DC 12V Power Input
2. COM Connector
3. VGA Connector
4. USB3.0\*2

5. USB 2.0\*2
6. RJ45 LAN Connector
7. Mic 3.5mm Jack
8. Line-in Connector



2nd Display

13.3" / 15.6" & Touch (optional)



Color

Pearl White & Space Grey



Others

MSR, Wi-Fi+BT module, etc.



Printer

Integrated 3" / 2" thermal printer.