



**PORTWORLD**

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PORTWORLD



SMART CONTROL SOLUTION

LED LIGHT TABLET SOLUTION

DIGITAL SIGNAGE SOLUTION

INDUSTRIAL AUTO SOLUTION



**One-Stop**

Touch System Solution Provider

18 Years+ R&D Research&Development Expertise

**PORT PI**  
CKD & SKD SERVICE



# PORTWORLD STORY

Portworld is a leading provider of touch system solutions, specializing in the R&D, and production of a diverse range of products, including smart home tablets, POE industrial embedded touch panels, digital signage, and touch monitors. Founded in 2008, we are dedicated to delivering high-quality OEM/ODM solutions tailored to the unique needs of our clients.

We take pride in offering products powered by multiple processors, including Rockchip, MTK, Intel, AMD, Snapdragon, and Spreadtrum, as well as different operating systems such as Android, Linux (Ubuntu/Debian), and Windows. Our adept software team specializes in BSP/SDK/C#/Python/OT/JAVA compilation, ensuring optimal software compatibility and performance.

With a dedicated team of over 300 employees, we are well-equipped to provide exceptional solutions and support to our valued clients



- 18+ Years R&D Experience
- Product Range: 4" to 85"
- OEM/ODM Acceptable/ CKD & SKD Offer
- Provide Android/ Linux/ Windows Solution
- 30+ Professional Engineers Team to Support



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## HOW DOES IT WORK?

Imagine enjoying your favorite TV show in the living room, only to realize the lights or air conditioner are still on. With a touch panel, you can easily control home devices like lights, air conditioners, curtains, fans, doorbells, and cameras through a smart home app via WiFi, enhancing convenience and security. Take control of your home environment effortlessly and enjoy uninterrupted entertainment.

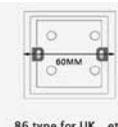


## YC-SM41P

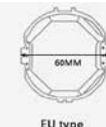
## YC-SM41P KNX



- 4 inch, 480\*480, IPS Capacitive Touch
- RK3566 Quad-Core Cortex-A55
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/ 13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C, Microphone
- RS485 / KNX Port
- Power Supply: AC110-240V/12V-24V DC & 48V POE



86 type for UK, etc.



EU type





## YC-SM41PM

- 4 inch, 480\*480, IPS Capacitive touch
- RK3566 Quad core Cortex-A55
- 2GB +32GB, 4GB+32GB option
- Android 11/13 , Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, type C, microphone, speaker
- DC 12V input, RS485 (A, B) port
- Power Supply: 12V DC or 48V POE IEEE802.3 af
- Material:Aluminum

### Different Metal Color Frame Option



RAL 9006



Pantone Black 3C



Pantone 440C



Pantone 7590C



Pantone 2348C

## YC-SM42PM

- 4 inch, 480\*480, IPS Capacitive touch
- RK3566 Quad core Cortex-A55
- 2GB +32GB, 4GB+32GB option
- Android 11/13 , Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, type C, microphone, speaker
- DC 12V input, RS485 (A, B) port
- 13.56Mhz NFC reading & writing function
- Power Supply: 12V DC or 48V POE IEEE802.3 af



## YC-P5



- 5 inch, 1080\*1080, IPS Capacitive Touch
- RK3566 Quad-Core Cortex-A55
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/ 13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V DC & 48V POE



## YC-SM55P



- 5.5 inch, 720\*1280, IPS Capacitive Touch
- RK3566 Quad-Core /RK3576S Octa-core option
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/13/14/Linux Debian11/12
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V~24V DC & 48V POE
- Material: Aluminum



# SMART TOUCH PANEL

## YC-L76



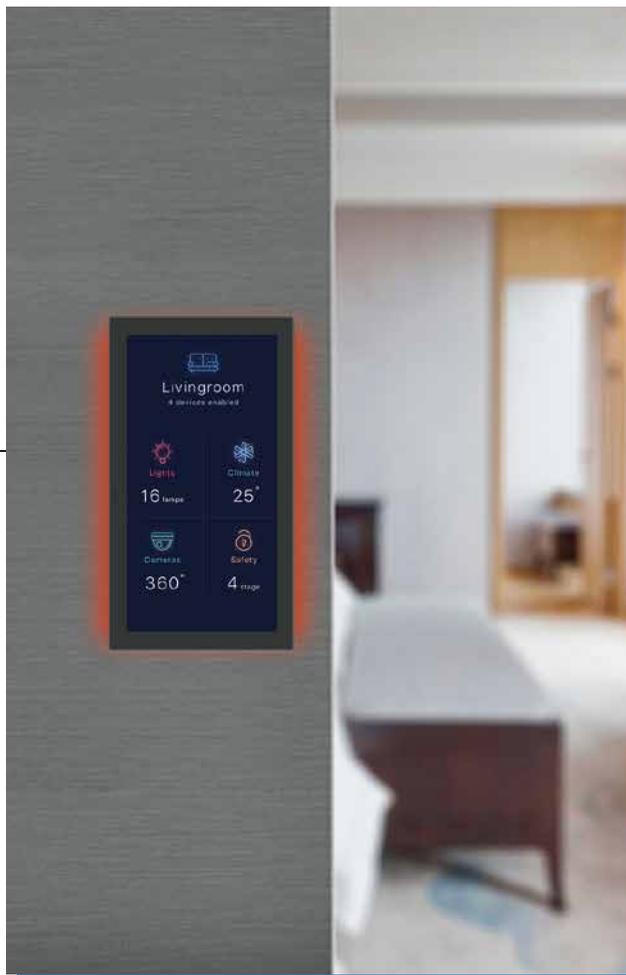
- 7.6 inch, 800\*800/ 1200\*1200 option
- IPS Capacitive Touch
- RK3566 Quad-Core Cortex-A55
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/ 13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- 700 nit High Brightness
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V DC & 48V POE
- Material: Aluminum



- 6 inch, 720\*1440, IPS Capacitive Touch
- RK3566 Quad-Core Cortex-A55
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/ 13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V DC & 48V POE



## YC-SM06P



# SMART TOUCH PANEL

## YC-SM08P

- 8 inch, 800\*1280, IPS Capacitive Touch
- RK3566 Quad-Core /RK3576S Octa-core option
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/13/14/Linux Debian11/12
- 2.4G/ 5G WiFi, BT 5.2, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V~24V DC & 48V POE
- Build in Front Camera & Side LED Lights



## YC-SM08M

- 8 inch, 1280\*800, IPS Capacitive Touch
- RK3566 Quad-Core /RK3576S Octa-core option
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/13/14/Linux Debian11/12
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12V~24V DC & 48V POE
- Material: Aluminum

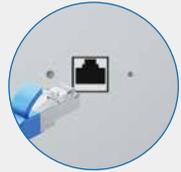




## YC-1011



- 10.1 inch, 1280\*800, IPS Capacitive Touch
- RK3568 Quad-core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian, Ubuntu
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C, Reset button, Volume button, headphones, Camera
- Vesa 75\*75mm wall mount
- Power Supply: 12V DC & 48V POE
- Material: Aluminum
- For Smart Home & Smart Healthcare



Smart Hospital



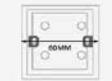
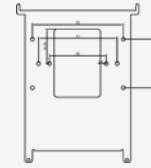
## YC-SM10P



POE POWER SUPPLY

- 10.1 inch, 1280\*800, 1920\*1200 option IPS Capacitive Touch
- RK3566 Quad-Core /RK3576S Octa-core option
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/13/14/Linux Debian11/12
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 ( A, B port) to transfer data and change into KNX Port
- Power Supply: 12~24V DC & 48V POE
- Material: Aluminum

## Installation Method



86 type for UK, etc



EU type



US type, etc

## YC-SM1011



## YC-SM1011 KNX



- 10.1 inch, 1280\*800, 1920\*1200 option IPS Capacitive Touch
- RK3568 Quad-core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian, Ubuntu
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C, Reset button, Headphones
- RS485 / KNX Port
- Power Supply: AC110-240V/12V-24V DC & 48V POE
- Build in Front Camera



## YC-SM10PM

- 10.1 inch, 1280\*800, IPS Capacitive Touch
- RRK3566 Quad-Core /RK3576S Octa-core option
- 2GB+32GB Rom, 4GB+32GB Rom
- Android 11/13/14/Linux Debian11/12
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 ( A, B port) to transfer data and change into KNX Port
- Power Supply: 12~24V DC & 48V POE
- Material: Aluminum



## YC-SM116P

- 11.6 inch, 1366\*768, IPS Capacitive Touch
- RK3568 Quad-core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian, Ubuntu
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12~24V DC & 48V POE
- Material: Aluminum



## YC-SM14P

- 14 inch, 1920\*1080, IPS Capacitive Touch
- RK3568 Quad-core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian, Ubuntu
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- RS485 (A, B port) to transfer data and change into KNX Port
- Power Supply: 12~24V DC & 48V POE
- Material: Aluminum



## YC-F10



- 10.1 inch, 800\*1280, Non-touch
- CPU: RK3568 Quad-core Cortex-A55
- RAM+ROM: 2GB+16GB (4GB+32GB Option)
- System: Android 11 or Linux Debian
- WiFi, Bluetooth, Ethernet
- Interface: Relay, RS232, wiegand , RJ45, USB
- Build in NFC (13.56MHz), Front Binocular Camera, 2D scanner option
- Power Supply:12V DC
- Installation: Wall mounted or Pole
- Size option: 7" , 8"

## YC-F8

- 8 inch, 800\*1280,IPS Capacitive Touch
- CPU option: RK3566/RK3576/ RK3588
- RAM+ROM: 2GB+16GB, 4GB+32GB, 8GB+128GB
- Option System: Android 11/12/14 or Linux Debian
- WiFi, Bluetooth, Ethernet
- Interface: RS485, RJ45, USB
- Build in NFC (13.56MHz), Front Binocular Camera
- Power Supply:12V DC



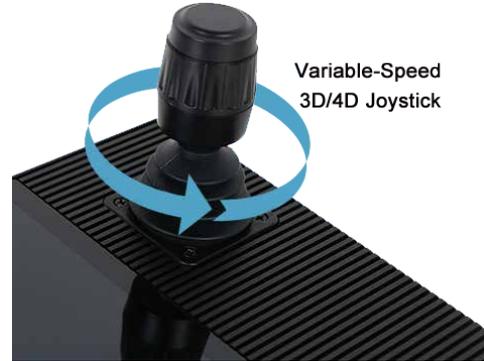


## YC-PTZ10



- 10.1 inch, 1280\*800, Capacitive Touch
- Real-time HDMI preview
- Supports H.265 4K@60fps and H.264 1080P@60fps decoding
- Audio playback via headset, speaker, or Bluetooth
- Real-time recording and PTZ control
- RTMP live streaming support

Ideal for schools, hospitals, hotels, and more, the PTZ10 ensures unified control of network cameras supporting ONVIF, VISCA, and Pelco protocols



Variable-Speed 3D/4D Joystick

## YC-PTZ20

10.1" Touch Display with NDI & Multi-Protocol Support



"Control Everything, Anywhere"



WiFi 5G



10-Point Touch



4K output

Parameter	Value
Display	10.1" IPS 1280×800
Processor	RK3568 Quad-core 2.0GHz
Memory	2GB RAM + 32GB ROM
Network	WiFi 5G / BT 5.2 / Gigabit LAN
Protocols	NDI HX / VISCA / ONVIF / RTMP
Key Ports	HDMI 4K / USB / RS485/422/232



## HOW DOES IT WORK?

Are you on the lookout for the ideal meeting room solution? Our meeting room touch screen simplifies the process of finding and booking a room like never before. Easily spot available spaces with just a quick glance at the vibrant colors, bidding farewell to double bookings, confusion, and interruptions during meetings. Moreover, the meeting room touch screen enables you to seamlessly connect your conference equipment for enhanced control and collaboration.



CONTROL THE EXPERIENCE



EASY TO DEPLOY AND MANAGE



JOIN WITH EASE



YC-L95S1



## YC-L95S1



- 10.95 inch, 1280\*800, IPS Capacitive Touch
- RK3566 Quad-Core Cortex-A55
- 2GB+32GB Rom, 4GB+32GB Rom option
- Android 11/ 13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- RJ45, Type-C
- Back side with LED lights around
- Build in light sensor
- Installation: Wall Mount/ In Wall/ Desktop option
- Power Supply: 12V DC & POE IEEE802.3 af



## YC-LD02



- 4 inch + 2.9 inch Dual screen IPS Capacitive Touch
- RK3566 Quad core Cortex-A55
- 2GB+32GB, Android 11/ 13, Linux Debian 11
- WiFi / Bluetooth 5.2
- Power Supply: 5V DC



## YC-LE101T



- 10.1 inch, 1280\*800, IPS Capacitive Touch
- CPU Option: RK3566/ RK3576s
- System: Android 11/ 13/ 14
- RAM+ROM: 2+32GB (4+32GB option)
- WiFi, Bluetooth 5.2, Ethernet
- Surround LED light, Front 2.0MP Camera
- NFC (13.56Mhz) option
- Power Supply: 12V DC & POE IEEE802.3 af

## YC-103RT



- 10.1 inch, 1280\*800, IPS Capacitive Touch
- CPU option: RK3566/ RK3568/ RK3288 /RK3399
- 2GB+16GB Rom, 8GB+128GB Rom
- Android System
- WiFi, Bluetooth 5.2, Ethernet
- RJ45/USB/Headphone
- Surround LED light, Front Camera
- Power Supply: 12V DC & POE IEEE802.3 af option

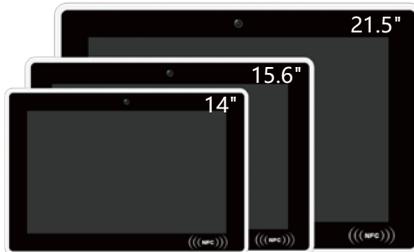




## YC-LE101



- 10.1 inch, 1280\*800, IPS Capacitive Touch
- CPU Option: RK3566/ RK3576s
- System: Android 11/ 13/ 14
- RAM+ROM: 2+32GB (4+32GB option)
- WiFi, Bluetooth 5.2, Ethernet
- Surround LED light, Front 2.0MP Camera
- NFC (13.56Mhz) option
- Power Supply: 12V DC or POE IEEE802.3 af option
- Size option: 14", 15.6", 21.5"



## HOW DOES IT WORK?

Portworld digital signage players connect easily to your display and the internet. Content can be downloaded via the internet, then simply connect the player to your screen through Wired and wireless

With cloud-based remote management, you can publish, update, and control content across multiple screens and locations from one platform. Real-time information delivery and centralized control ensure efficient, stable, and scalable digital signage deployment.



### Why Choose It?



## YC-L106



- 10.1", 1280\*800, IPS Capacitive Touch
- CPU: RK3562 Quad-core Cortex-A53 (10.1" )  
RK3566 Quad-core Cortex-A55 (15.6" )
- RAM+ROM: 2GB+32GB
- System: Android 13
- WiFi, Bluetooth 5.2, Ethernet
- RJ45/USB/Earphone
- Front 2.0MP Camera
- L Shape Special Design for Clients' feedback/ Hotel/ Meeting Room
- Power Supply: DC 12V or POE IEEE802.3 af option
- Size option: 15.6 inch

## YC-109R

- 10.1 inch,1280\*800, IPS Capacitive Touch
- CPU option: RK3566/ RK3568/ RK3288/RK3399/RK3576/RK3588
- 2GB+16GB Rom, 8GB+128GB Rom
- Android System
- WiFi, Bluetooth, Ethernet
- RJ45/USB/Earphone
- Desktop design for Clients feedback/ Hotel/ Meeting Room
- Power Supply: 12V DC & PoE
- Size option: 7 inch/ 8 inch



## YC-83P



- 8 inch, 800\*1280, IPS Capacitive Touch
- CPU: RK3566 Quad-core Cortex-A55
- System: Android 11/ 13/ Linux Debian 11
- RAM+ROM: 2+32GB (4+32GB option)
- WiFi, Bluetooth 5.2, Ethernet
- 2D Scanner, NFC (13.56 Mhz) Option
- Power Supply: 12V DC or POE IEEE802.3 af option
- Size option: 7"



## YC-102P

- 10.1", 1280\*800, IPS Capacitive Touch
- CPU Option: RK3566/RK3576/RK3588
- RAM+ROM: 2GB+16GB or 4GB+32GB
- System: Android 11/ 12/ 14
- WiFi, Bluetooth 5.2, Ethernet
- RJ45/USB/Earphone / Front 2.0MP Camera
- NFC (13.56 Mhz) option, 4G LTE option
- Power Supply: DC 12V or POE IEEE802.3 af option
- Installation: Desktop or Wall Mount



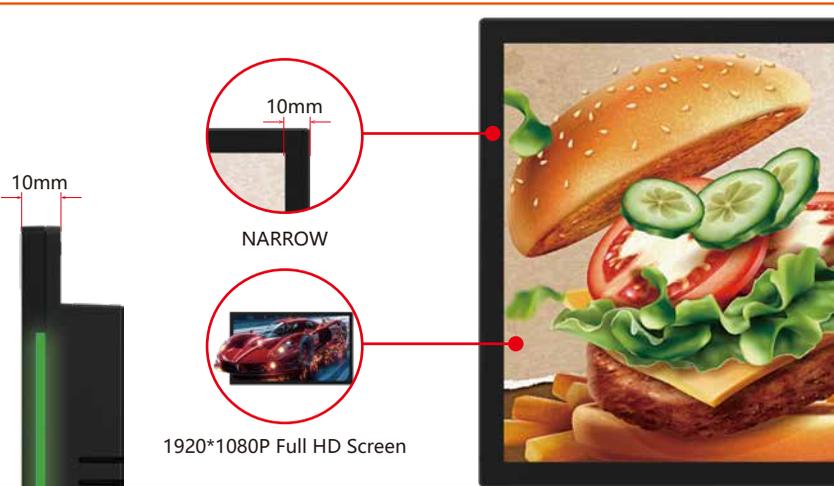


## WALL-MOUNTED DISPLAY

### YC-N156 (10"-21.5")



- 15.6", 1920\*1080, IPS Capacitive Touch
- CPU option: RK3566/ RK3576
- RAM+ROM: 2+32GB/ 4+32GB
- System: Android 11/13/14
- WiFi, Bluetooth, Ethernet
- RJ45/USB/Earphone/SD Card Slot/USB/HDMI/Camera
- 100\*100MM Vesa Port
- Power Supply: DC 12V & POE Option
- Narrow bezel and slim, Side lights
- Material: Plastic
- OEM: 10.1", 10.95"



## WALL-MOUNTED DISPLAY

### YC-H Series (10"-21.5")



- Size: 10.1", 13.3", 15.6", 18.5", 21.5", 24", 27", 32"
- CPU option: RK3566/ RK3568/ RK3576/ RK3588 Option
- RAM+ROM: 2+32GB/ 4+32GB/ 8GB+128GB
- System: Android 11/12/13/ 14, Linux Debian Option
- WiFi, Bluetooth, Ethernet
- RJ45/ USB/ Earphone/ SD Card Slot/ Mini USB OTG/ HDMI/ Camera
- 75\*75MM/ 100\*100MM/ 400\*400mm vesa Port
- Power Supply: DC 12V & POE Option
- Material: Plastic

### YC-T Series (10.1"-32")





## YC-TV32



## YC-TV27



- Size option: 27 inch or 32 inch
- CPU: Snapdragon 685, octa-core
- RAM+ROM: 8+128GB
- System: Android 14 (With EDLA certificate)
- WiFi, Bluetooth
- Interface: USB\*2, HDMI, Type C, SD \*1, earphone\*1
- Battery: 5000mAh (27 inch), 10000mAh (32 inch)
- Camera: 13.0MP front camera(27 inch), 5.0MP front camera (32 inch)
- Speaker: 4Ω5W\*2(27 inch), 8Ω 10W\*2(32 inch)
- Power Supply:12V DC 4A
- Installation: Portable(27 inch), Floor-standing (32 inch)



## YC-PS10



- 10.1 inch, 800\*1280, IPS Capacitive Touch
- RK3568 Quad -core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- Power Supply: DC 12V

## YC-PD10



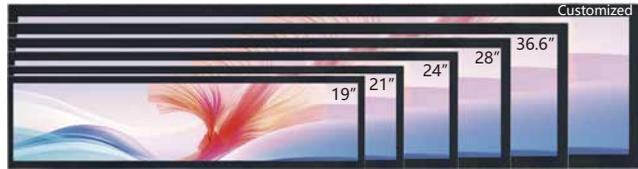
- 10.1 inch, 800\*1280, IPS Capacitive Touch
- RK3568 Quad -core Cortex-A55
- 2GB+16GB Rom, 4GB+32GB Rom option
- Android 11/13, Linux Debian 11
- WiFi, Bluetooth, Ethernet
- Power Supply: DC 12V



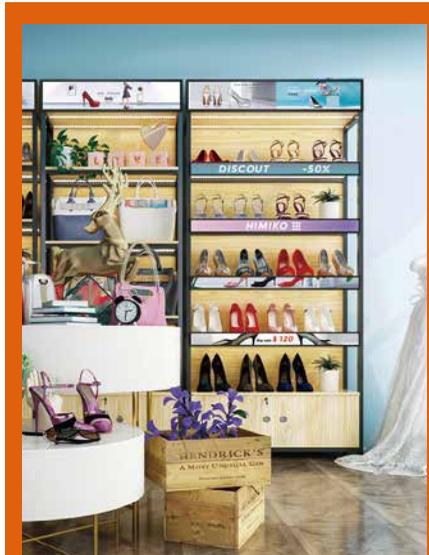


# Commercial Stretch Bar Display

- 3.9"-86" customized size
- CPU: RK3288/RK3566/RK3399
- RAM+ROM: 2GB+16GB/4GB+32GB Optional
- System: Android 9/10/11
- Support OEM and ODM
- LAN/WIFI/ HDMI input
- Horizontal/ Vertical Installation



- 3.9" -86" customized size
- Support OEM and ODM
- With USB, HDMI input
- Horizontal/ Vertical Installation



# YC-55MT Series (10" -85" )



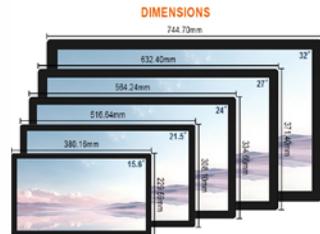
- MT Series Size: 10.1", 14", 15.6", 18.5", 21.5", 24", 27", 32", 43", 49", 55", 65", 75", 85"
- IPS Capacitive Touch with Slim Case
- OB Series Size: 14", 15.6", 18.5", 21.5", 32"
- 1920\*1080 IPS Capacitive Touch with Air Bonding
- CPU option: RK3566/ RK3568/ RK3288/ RK3399/ RK3576/ RK3588
- RAM+ROM: 2+32GB/ 4+32GB/ 4+64GB/ 8GB+128GB
- System: Android, Linux Debian option
- WiFi, Bluetooth, Ethernet
- RJ45/USB/DC/Earphone/ SD Card Slot/ Mini USB OTG/ HDMI
- Power Supply: DC 12V & POE option
- Material: Metal Case



# YC-156OB Series (15.6" -32" )



**USB Plug and play**  
Play multiple formats via Internet  
WIFI / U disk





- Size: 43", 49", 55", 65", 75", 85" IPS Capacitive Touch with Slim Case (Non-Touch Function Option)
- CPU: RK3566/ RK3568/ RK3288/ RK3399/ RK3576/ RK3588
- RAM+ROM: 2+32GB/ 4+32GB/ 4+64GB/ 8GB+128GB
- System: Android, Linux Debian option
- WiFi, Bluetooth, Ethernet
- RJ45/USB/DC/SD Card Slot/ HDMI
- Power Supply: DC 12V
- Material: Metal Case
- Floor Standing Digital Signage for Mall/ Airport/ Hotel/ Store



## WHY DO YOU CHOOSE IT?

By introducing advanced industrial automation technology, your production line will gain unprecedented efficiency improvements and precise control. Automation reduces manual intervention and human error, significantly improving production safety and cost-effectiveness. With flexible system configuration and intelligent data analysis, quick adaptation to market changes for production optimization and long-term savings becomes achievable. Invest in industrial automation to inject innovation into your business and create a new chapter in the future of manufacturing.

It is suitable for production line automation, ships, transport vehicles, charging stations, HMI solutions, smart automation, artificial intelligence and IoT





## Rugged Tablet PC

Size	8 inch, 10 inch, 11 inch available
OS	Android / windows os
IP Protection	IP65/IP67/IP68 multi-version option
Brightness	400cd/m <sup>2</sup> - 1000cd/m <sup>2</sup>
Function	3G/4G, WIFI, RFID, 2D scanner; Binocular camera
Accessories	Hand Strap, Shoulder Strap, Industrial Docking Station etc
Application	Smart Factory; Logistics & Warehousing; Field Operations; Public Safety

Multi-Size	8, 8.68, 10.1, 10.95, 11.95, 12, 13 inch available
Type	Wifi tablet; 3G/4G LTE Tablet; 5G Tablet
OS	Android 12/13/14/15 OS, Support GMS certification
Material	Plastic shell and Metal shell option

## Android Tablet PC



(16: 9)

## EB Series: 7" ~43" Industrial AIO Touch Screen



(4: 3)



- CPU: A133/RK3566/RK3568/RK3288/RK3399/RK3576/RK3588
- 2GB/4GB/8GB RAM+16GB/32GB/64GB/128GB/256GB ROM
- OS: Android 7/8/9/10/11/12, Debian
- Size: 7", 10.1", 10.4", 12", 13.3", 14", 15", 15.6", 17", 18.5", 19", 21.5", 23.8", 27", 32", 43"
- Brightness: 350nits ~ 1000nits
- Network: 2.4G/5G WiFi, Bluetooth 4.0/5.2, Ethernet
- I/O Ports: RJ45, DC, Type-C, USB, HDMI, SD, Earphone jack, etc
- Power Supply: DC 12V and POE 802.3af/at



## EBT Series: 7" ~ 32" Touch Monitor

- Size: 7", 10.1", 10.4", 12", 13.3", 14", 15", 15.6", 17", 18.5", 19", 21.5", 23.8", 27", 32"
- Brightness: 350nits ~ 1000nits
- Driver: Windows; Linux; Raspberry Pi; Android
- I/O Ports: HDMI, VGA, DVI, DC, Headphone output
- Power Supply: DC 12V





# HMI TOUCH PANEL



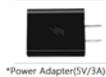
## EM Series: 10.1" ~21.5" Windows Industrial HMI Panel PC

- CPU: Intel Celeron J4125/Intel Core i5/ i7/ A133/ RK3566/RK3568/RK3288/RK3399/RK3576/RK3588
- 1GB/2GB/4GB/8GB RAM+16GB/32GB/64GB/128GB/256GB ROM
- OS: Windows 10/Android/Debian
- Size: 10.1", 10.4", 12", 13.3", 15", 15.6", 17", 19", 21.5"
- Brightness: 350nits ~ 1000nits
- Network: 2.4G/5G WiFi, Bluetooth 4.0/5.2, Ethernet
- Power Supply: DC 12V



## 5-10.1" Open Frame HMI Touch Monitor

- Size: 5", 7", 10.1"
- Touch Panel Drivers: Port Pi; Windows; Android; Linux; Raspberry Pi;
- Video signal input: HDMI; VGA
- Power input: DC 5V
- Touch interface : Micro\_USB
- OSD Language: Multi language OSD operation
- Applications: Industrial Control, Robot, Kiosk, Electronic Scale, Access control, etc.



\*Power Adapter(5V/3A)

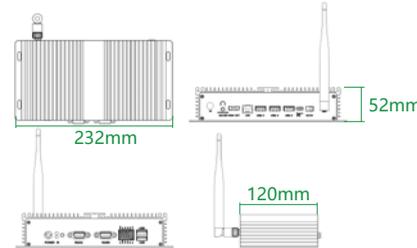


# AI EDGE COMPUTER



## YC-T720

- CPU: A133/RK3566/RK3568/RK3399/RK3576/RK3588 or Intel
- 1GB/2GB/4GB/8GB RAM + 8GB/16GB/32GB/128GB
- OS: Android/Debian/Windows
- Network: WiFi, Bluetooth, Ethernet (3G/4G optional)
- I/O Port: HDMI output, Ethernet LAN port, earphone jack, USB 2.0, USB 3.0, Type-C, DC, WiFi Antenna
- (Expansion ports: RS232, RS485, 5V output, 3.3V output, GND, GPIO, TX2, RX2, USB 2.0)
- Power Supply: DC 12V



## YC-T720U

- CPU: Intel® 14th Ultra 5 Processor 125U, 12 Cores, 14 Threads, up to 4.30 GHz
- NPU: 11 Tops (Support OpenVINO™, Windows-ML, DirectML and ONNX RT AI Software Frameworks)
- Memory: DDR5 16GB/ 256GB
- System: Windows 10/11, Linux
- Network: Ethernet, WIFI, Bluetooth, expandable 4G/5G LTE
- I/O ports: USB3.2\*2, USB2.0\*8, COM\*6, RJ45\*2, DC-IN, GPIO, LVDS/EDP+DP+HDMI (HDMI2.1 supports 8K@60Hz), RS485, RS232, Audio jack,
- Power: 9-36V wide input

### Applications:

AI Edge Computing, Robot, Kiosk, Smart control panels, IoT gateways, Access control, etc.





# INDUSTRIAL EDGE AIOT BOARD

- CPU: Rockchip RK3566 Quad-core Cortex-A55 @1.8GHz
- NPU: 1 TOPS
- System: Android/Debian/Ubuntu/Buildroot
- Memory: DDR4 2GB/4GB/8GB
- Storage: eMMC 16GB/32GB/64GB/128GB/256GB
- Connectivity: Ethernet, WIFI, Bluetooth, expandable 4G LTE
- I/O ports: USB3.0, USB2.0, Type-C, RJ45, DC, GPIO, UART, eDP, HDMI, MIPI-DSI, LVDS, RS485, RS232, TTL, Speaker, MIC, Audio jack, Touch interface etc.
- Power: 9-12V (5.5x2.1mm)
- Dimension: 85x150mm

## P3566



- CPU: Rockchip RK3576 Octa-core processor (4xA72+4xA53), @ 2.2GHz
- NPU: 6 TOPS
- System: Android/Debian/Ubuntu/Buildroot
- Memory: DDR4 4GB/8GB/16GB
- Storage: eMMC 32GB/64GB/128GB/256GB
- Connectivity: Ethernet, WIFI, Bluetooth, expandable 4G LTE
- I/O ports: USB3.0, USB2.0, Type-C, RJ45, DC, GPIO, UART, eDP, HDMI, MIPI-DSI, LVDS, RS485, RS232, TTL, CAN, Speaker, MIC, Audio jack, Touch interface etc.
- Power: 9-12V (5.5x2.1mm)
- Dimension: 85x150mm

## P3576



# SMART HMI BOARD

- CPU: Rockchip RK3506 Triple Cortex-A7@1.5GHz
- MCU: Cortex-M0@200MHz
- System: Buildroot
- Memory: DDR3 128M
- Storage: NAND Flash 128M/256M
- Connectivity: Ethernet, WIFI, Bluetooth
- Image Processing: Built-in 2D Graphics Engine
- I/O ports: USB, Type-C, RJ45, GPIO, UART, MIPI-DSI, RS485, RS232, KNX, Speaker, MIC, RTC, Touch interface etc.
- Power: 12V (Expandable PoE, DC, or AC power supply)
- Dimension: 70x90mm

## P3506



- CPU: Rockchip RK3576 Quad-Core Cortex-A72+Quad-Core Cortex-A53, @ 2.2GHz
- NPU: 6 TOPS
- System: Android/Debian/Ubuntu/Buildroot
- Memory: DDR4 4GB/8GB/16GB
- Storage: eMMC 32GB/64GB/128GB/256GB
- Connectivity: Ethernet, WIFI, Bluetooth
- I/O ports: USB, Type-C, RJ45, GPIO, UART, MIPI-DSI, RS485, RS232, KNX, Speaker, MIC, RTC, Touch interface etc.
- Power: 12V (Expandable PoE, DC, or AC power supply)
- Dimension: 70x90mm

## P76S01



AI Robotics



Autonomous Driving



AI Surveillance



AIoT & Smart Devices



Smart Medical



Smart Hotel

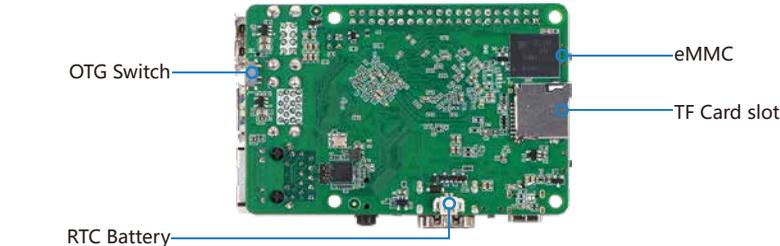
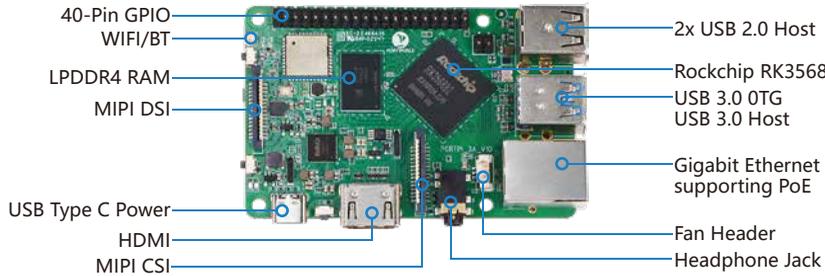


Smart Home



## PortPi 3A

A compact and powerful platform designed to make your development experience smoother and more efficient.



<b>SOC</b>	Rockchip RK3568 SoC
<b>CPU</b>	Quad-core Arm® Cortex®-A55 (ARMv8) 64-bit @ 2.0GHz
<b>GPU</b>	Mali™ G52 GPU
	OpenGL® ES1.1, 2.0 and 3.2/OpenCL™ 2.0/Vulkan® 1.1
	High-performance 2D acceleration hardware
<b>NPU</b>	The NPU features 0.8 Tops@INT8 performance, integrating a high-efficiency AI accelerator that supports one-click conversion for mainstream deep learning frameworks such as Caffe, TensorFlow, TFLite, ONNX, PyTorch, Keras, and Darknet.
<b>RAM</b>	2GB LPDDR4 (Optional: 4GB / 8GB )
<b>ROM</b>	32GB EMMC (Optional: 64GB / 128GB )

**Built-in Storage Options:** We offer customizable RAM and ROM configurations, eliminating the need for external SD cards.

**Multi-OS Support:** Portpi supports various operating systems, including Android, Ubuntu, Debian, and Buildroot. We'll keep you updated with the latest firmware versions, making it easy for you to stay current.

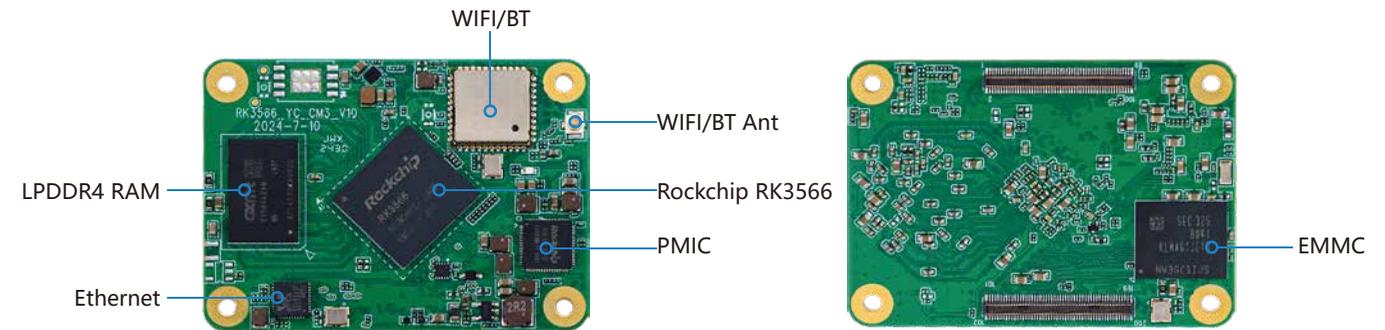
**Diverse Interfaces:** With a range of interfaces like UART, I2C, SPI bus, and CAN, Portpi is designed to connect seamlessly with your projects.



## PortPi CM3



The PortPi CM3 highly integrates the functions of the Rockchip RK3566 quad-core processor on a compact board. The RK3566 features a quad-core A55 CPU, a dual-core ARM G52 GPU, a VPU, and an NPU. It supports video output, PCIe, CSI, and other interfaces, making it very suitable for embedded applications. Different RAM, eMMC flash memory specifications, and wireless module specifications are also available.





# BUILD YOUR TABLET WITH OUR CKD/SKD SOLUTIONS

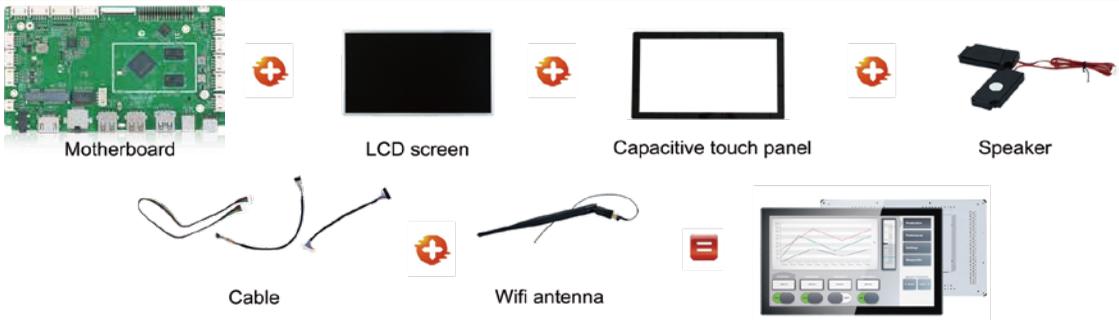
35/36



- Multi-OS Compatibility (Android, Ubuntu, etc.)
- Integrated GPU, VPU, NPU
- Supports OpenGL ES 3.2/2.0/1.1, Vulkan 1.1
- 4K 60fps H.265/H.264/VP9 video decoding
- Rich Peripheral Expansion Interfaces
- Wide Application Scenarios
- Open Access and Customization Flexibility



## Build Your Tablet with Our CKD/SKD Solutions



### Advantages of CKD/SKD Services

- **Cost Savings:** Reduce import tariffs by using CKD/SKD solutions instead of fully assembled products.
- **Control:** Gain flexibility with local assembly, allowing you to customize your final product.
- **Tailored Support:** Our engineering team will help optimize your PCBA designs to lower costs.
- **Simplified Logistics:** Streamline your supply chain and reduce lead times.



# ODM SERVICE

36/36

- 30+ Excellent hardware and software team members
- Highly support customization PCB, PCBA design and manufacturing
- Rich practical experience in providing professional customized project solutions for customer

