

Turnkey Solution Provider

Android



Windows



Linux



AIOT SMART DISPLAY

**Smart
POS**

**Open Frame
Embedded**

**Smart
IoT**

IoT

**Smart
Education**

**Smart
Healthcare**

H



Car Infotainment

C

About Us

ODM Android / Windows and Linux Smart Display Solutions

Pretech International Co., Limited, founded in 2010, specializes in Android and Linux-based smart display solutions for control consoles. We offer fully customized solutions ranging from 3 inches to 100 inches, as well as of-the-shelf options, focusing on technical development, balancing quality and cost, and providing excellent sales service.

Our smart panels feature a variety of functions such as 5G, LTE, Wi-Fi, POE, RS485, KNX, Bluetooth, Zigbee, ZWave, Thread, Matter, NFC, 1D TOF, 3D TOF, IR, RF, AI acceleration etc... providing excellent HMI(human-machine interface) experience. These features are tailored for various industries, such as: home automation, Intercom and security system, In-vehicle infotainment Smart sport, healthcare, home appliances, advertising Kiosk, payment systems, education and more. Our professional R&D, sales, and service teams have extensive experience, successfully delivering numerous large ODM and OEM custom projects. We focus on hardware and OS development, also including integrated MDM and OTA applications, ensuring high quality and cost-efficiency while providing exceptional service.

Custom Smart Devices Solutions



POS Solutions

Smart Tablet Menu
Kitchen Display with NFC
Tablet PC for Feedback Management
Smart Device for Payment Terminal



Interactive IoT Solutions

Wall-mounted Tablet with POE
Wall-mounted Panel Gateway
Smart Gateway Hub with Cellular Network
Tablet PC with Docking Station for Smart Air Conditioner



Car Infotainment Solutions

Professional OBD Tablet PC for Repair Shop
On-Board Diagnostics Tablet PC for Drivers
High Accuracy Pro Android Portable Navigation
Car Rear Seat Entertainment System



HMI Solutions

Tablet PC Open Frame for Smart Coffee Machine
Android Touch Panel for Smart Cooker Panel
Digital Signage for Vending Machine
5 inch Android Tab for E-Bikes
Smart Android Touch Screen for Home Gym



Smart Education

Tablet PC with stylus for Students Learning
Tablet PC for Students Learning with charging docking



Healthcare Solutions

Smart Device for Skin Care
Blood Glucose Meter Dongle for Medical Use
Senior Care Tablet PC
Door Tablet for Clinics, Private and Public Hospitals

Custom Smart Devices Solutions



Multimedia Player

Portable Translation Equipment
Smart Audio Guide
Portable Translation Equipment



Enterprise Solutions

Security & Privacy Focused Phone



SBC

SOD3588S-M	RK3588S	SOD3566-M	RK3566
SOD3576-M	RK3576	E6	RK3566
F76	RK3576	AIOT	RK3566
H3576	RK3576	M3562	RK3562
M3576S	RK3576S		



SOM

SOM3588	RK3588
SOM3588S	RK3588S
SOM3576-F	RK3576
SOM3568-F	RK3568



SOM and Carrier Board

V58	RK3588
H3588S	RK3588S

POS Solutions

12-inch

NFC Tablets with 3 Distinct Pogo Pin Interfaces

—
L1208

11-inch

NFC Tablets with Charging Dock

—
L1108

10.1-inch

NFC Tablets Dual USB Type C
NFC Tablets

—
L1008
L1083D

8-inch

NFC Tablets

—
L863B

6.5-inch

NFC Smartphone with Charging Dock

NFC Smartphone

—
651GD
651G



Model: L1208

12-inch

with Three Distinct Pogo Pin Interfaces



12-Inch NFC Android Tablet with NXP PN7220: Versatile and Secure Solution

The 12-inch NFC Android tablet is a versatile device designed to meet the needs of various industries. With its robust NFC capabilities, supporting modes compatible with ISO/IEC14443-A&B, FeliCa, MIFARE IK/4K, and NFC Forum type 2/3/4A/4B/5, it excels in applications such as access control systems, transportation payment solutions, library management, industrial tracking, smart home automation, retail point of sale (POS), and event ticketing. The tablet's fingerprint recognition feature enhances security, making it ideal for retail and embedded devices. Equipped with an 8MP front camera and a 13MP rear camera, it offers high-performance imaging. A large 10,000mAh battery ensures long-lasting power, while 33W PD fast charging keeps it running efficiently. The tablet also features a compact design with a 1.2mm thick aluminum shell, providing superior durability and anti-fall performance



Industrail Applications



Access Control Systems



Transportation Payment Solutions



Library Management



Industrial Tracking



Smart Home Automation



Retail Point of Sale (POS)

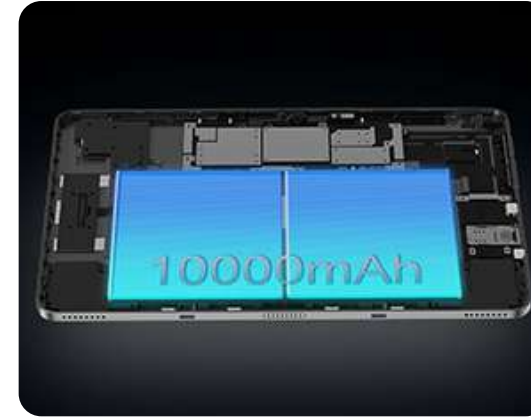
Hardware Features



Supports Front NFC



Fingerprint Recognition Support



10000mAh Big Battery Capacity



33W Fast Charging Support



Strong Magnetic Attraction Attached



A: Pogo Pin 9-pin Interfaces



B: Pogo Pin 8-pin Interfaces



C: Pogo Pin 9-pin Interfaces

Product Detail



A: Pogo Pin 9-pin Interfaces

Function: USB+ Power Supply + Internal Charging + GPIO (Optional I2C, SPI)
Support: Various functional docks / embedded applications



B: Pogo Pin 8-pin Interfaces

Function: USB+ Power Supply + GPIO
Support: Professional barcode scanner, back clip, infrared camera, ID card module



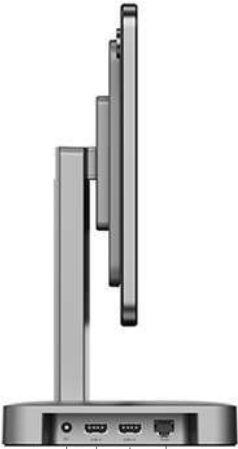
C: Pogo Pin 9-pin Interfaces

Function: USB+ Power Supply + Internal Charging + GPIO (Optional I2C, SPI)
Support: Various functional docks / embedded applications

Specification

CPU Octa Core, 2 x A76 2.2 GHz + 6 x A55 2.0 GHz	Wi-Fi/Bluetooth IEEE 802.11ac/a/b/g/n 2.4GHz&5GHz	Support NFC Reader Mode: NFC Forum type 2/3/4A/4B/5 ISO/IEC15693 ISO/IEC14443-A & B FeliCa 212 .kbit/s and 424ls (without crypto) MIFARE IK/4K MIFARE series NFC Card Emulation Mode: NFC ForumT4T(ISO/IEC14443-A)	Battery 10000mAh/3.8V
OS Android 15 GMS	LTE LTE-FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28AB/66 LTE-TDD: B38/B40/B41 WCDMA: B1/B2/B4/B5/B8 GSM: B2/B3/B5/B8		Dimensions 281.5 x 177x 9.5mm
Screen 12-inch, 2000 x 1200, IPS Incell			Weight 810g without charging dock 1350g with charging dock
RAM 6GB/8GB/12GB	Camera Front 8MP FF;Rear13MP AF	Tablet I/O TypeC x 1 Magnetic Pogo Pin 9pin x 2 Magnetic Pogo Pin 8pin x 1	Cradle I/O DC in x 1 USB A(OTG) x 5 USB C(20W output) x 1 RJ45(Ethernet) x 1 RJ12(GPIO) x 1
Storage 4GB/6GB/8GB	Camera 2 x Box Speakers 8Ω/1.0W		

12" NFC Android Tablet with Detachable Multi-Port Cradle



RJ45

Ethernet port for direct wired internet connection.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

DC IN

for connecting the power adapter to supply power to the entire base.



TYPE-C

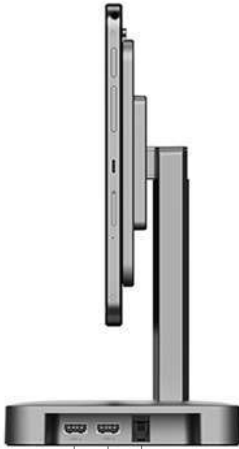
Provides 20W PD power delivery only (no data transfer).

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

Indicator light

Observes the base's power status; lights up when powered on.



RJ11

Software-controlled 12V cash drawer port.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.



12" NFC Android Tablet with Magnetic Multi-Port Dock



RJ45

Ethernet port for direct wired internet connection.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

DC IN

for connecting the power adapter to supply power to the entire base.



TYPE-C

Provides 20W PD power delivery only (no data transfer).

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

Indicator light

Observes the base's power status; lights up when powered on.



RJ11

Software-controlled 12V cash drawer port.

USB-A

Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.

USB-A

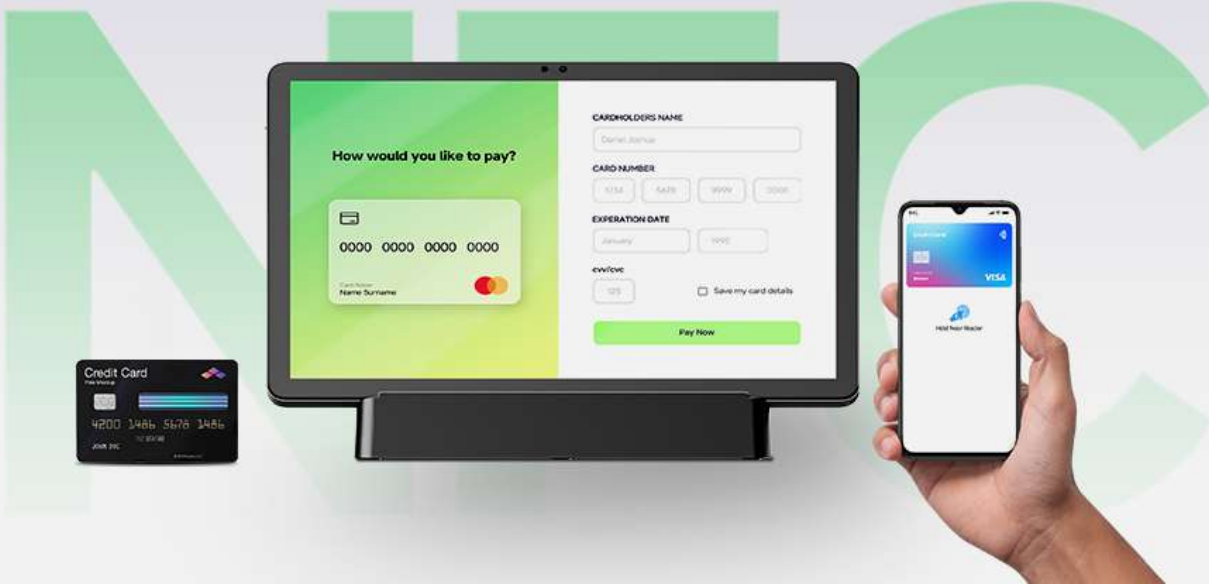
Supports connection of USB devices, such as barcode scanners, scanning modules, mice, keyboards, USB printers, and USB flash drives.





11-inch

Model: L1108



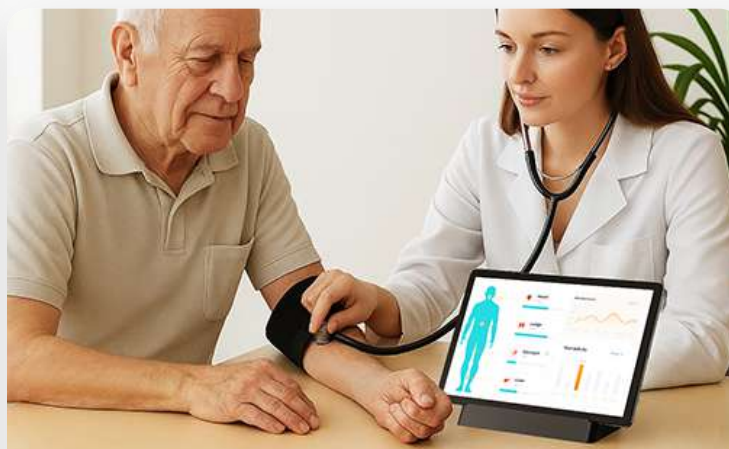
11-inch Android NFC Tablets with Multiple Ports Dock

The L1108 is an 11-inch middle-high level tablet designed for versatility and convenience. With Android 14 ready and Android 15 optional, it features an Octa Core processor, 6GB RAM, and 128GB storage. The tablet supports facial recognition and NFC for tap-to-pay functionality, enhancing security and convenience. Equipped with multiple ports in its dock, it offers seamless connectivity for various devices.

Industrail Applications



Smart Home Control Solutions



Healthcare Solutions



Education Solutions



Education Solutions



Public transportation Solutions



Retail Solutions

Product Detail



NFC Tablets with Sleek design and Compact Design



Detachable Tablet PCs and Dock Design



Multi-Port Dock Design

Specification

CPU MT6789 2x A76 2.2GHz + 6x A55 2.0GHz (G99)	Storage 64GB/128GB/256GB	Camera Front 5MP/8MP FF;Rear 5/8/13MP AF	I/O USB Type C x 1 SIM/TF Card Tray	Earphone x 1 Pin pogo x 1
OS Android 15	Wi-Fi/Bluetooth WiFi 802.11 ac/b/g/n;BT5.0; GPS,FM	Speaker 2 x Box Speakers(4 speakers available)	Battery 8000mAh/3.8V Maximum	
Screen 10.95" 1920 x 1200 IPS Incell	LTE FDD B1/2/3/4/5/7/8/12/13/17/18/19/ 20/25/26/28AB/66 Optional TDD B34/38/39/40/41 Optional	Support G-sensor;light sensor/proximity sensor; Gyroscope;PD fast charging	Dimensions 256 x 168 x 7.45mm	
RAM 4GB/6GB/8GB				



10.1-inch

with Dual USB C Port

Model: L1008



10.1-inch Android NFC Tablets with Dual USB C Port

The L1008 is a 10-inch middle-level tablet designed with a focus on versatility and efficiency. It runs on Android 15, featuring an Octa Core processor with 2 × A75 2.0 GHz + 6 × A55 1.8 GHz, ensuring a balance of performance and energy efficiency. The tablet supports facial recognition and NFC for tap-to-pay functionality, enhancing security and convenience. With dual Type-C ports, it is ideal for fixed point-of-sale scenarios, such as order terminals and cash registers, where one port can be used for charging while the other serves as a host for peripheral connections



Industrail Applications



10.1-inch NFC Tablets Android as Smart Home Control Centers



Retail and Hospitality POS Systems



Industrial Automation and Logistics Management



Interactive Learning Terminals in Education



Health Monitoring Terminals in Healthcare



Public Services Information and Service Terminals

Product Detail



Two USB Type C port



Front NFC Support



Rotated Floor Stand Support

Specification

CPU MT8786 2x A75 2.0GHz+6x A55 1.8GHz (G80) MT8781 2x A76 2.2GHz+6x A55 2.0GHz (G99) OS Android 15 Screen 10.1" 800 x 1280 IPS incell RAM 4GB/6GB Dimensions 239.3 x 157.74 x 7.95mm	Storage 64GB/128GB/256GB Wi-Fi/Bluetooth WiFi 802.11 ac/b/g/n; BT5.0; GPS+FM LTE FDD B1/2/3/4/5/7/8/12/13/17/18/19/20 /25/26/28AB/66 Optional TDD B34/38/39/40/41 Optional Weight 470g	Camera Front 5MP/8MP FF; Rear 5/8/13MP AF Speaker 2x Box Speakers (4 Speakers Available) Support FM; G-sensor; Light sensor/proximity sensor; Gyroscope; PD fast charging	I/O USB: Type-C x 2 C1: Charging (9V2A=18W fast charging optional) + Host + Device C2: Host (for connecting peripherals) SD card: Nano sim x 2 Or Nano sim+TF SIM card: Nano sim x 2 Or Nano sim+TF Battery 6000mah/3.8V Maximum
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NFC 10.1-inch

Model:L1083D



Passive mode
Reader/Writer



Active and passive
Peer-to-Peer



Active mode
Card Emulation

10.1-inch NFC Tablets

The L1083D is a 10.1-inch entry-level tablet designed with cost-efficiency in mind. It runs on Android OS, featuring an Octa Core processor with 4 × A53 2.0 GHz + 4 × A53 1.5 GHz, ensuring reliable performance. The tablet supports facial NFC for tap-to-pay functionality, enhancing security and convenience. With optional table top and floor stands, it offers versatility for various placement options.



Industrail Applications



Smart Home Control Center



Retail and Hospitality POS Systems



Public Donation Stations



**Interactive Learning Terminals
in Education**



**Health Monitoring Terminals
in Healthcare**



**Public Services Information and
Service Terminals**

Product Detail



High-Definition Display



Tablets with Facial NFC for Tap-to-Pay



Long Battery Life Support

Specification

CPU
Spreadtrum:SC9863A/T310/T606/T616/T610
MTK:MT8788/MT8183/MT8768/MT8766/MT8168
RK3562
Allwinner A523

OS
Android 15

Screen
10.1 inch 1280 x 800 IPS(1920 x 1200 optional)

RAM
4GB/6GB/8GB

Storage
64GB/128GB/256GB

Wi-Fi/Bluetooth
WiFi 802.11 ac/b/g/n;BT5.0; GPS+FM

LTE
FDD B1/3/5/7/8/20,B2/4/7/17/28 Optional
TDD B38/40 Optional

Camera
Front 2/5MP FF;Rear 5/8/13MP AF

Speaker
2 x Box Speakers

Support
Earphone;FM;G-sensor;Type-C;keyboard;
light sensor/proximity sensor;NFC optional

Battery
6000mAh/3.8V

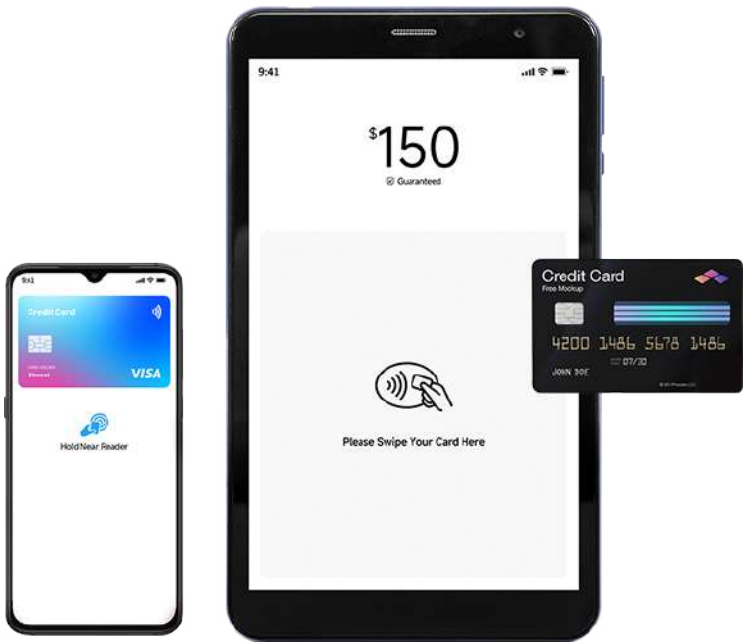
Dimensions
241 x 160 x 8mm

Battery
6000mah/3.8V Maximum

Weight
430g

NFC 8-inch

Model:863B



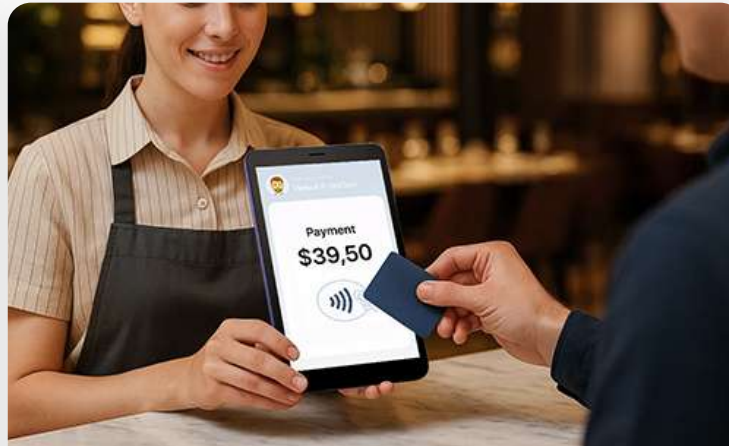
8-inch NFC Tablet

The L863B is an 8-inch entry-level tablet designed with affordability and essential features. It runs on Android 14 and is upgradeable to Android 15, featuring an Octa Core processor with 4 × A53 2.0 GHz + 4 × A53 1.5 GHz for reliable performance. The tablet supports facial NFC for tap-to-pay functionality, enhancing security and convenience.

Industrail Applications



Smart Home Control Center



Retail and Hospitality POS Systems



Mobile Payment and Electronic Menu for Restaurants



Interactive Learning Terminals in Education



Health Monitoring Terminals in Healthcare



Public Services Information and Service Terminals

Product Detail



ODM Support



NFC Support



NFC to tap-to-pay

Specification

CPU
T616 2x A75 2.0GHz + 6x A55 1.8GHz
T606 2x A75 1.6GHz + 6x A55 1.6GHz
T310 1x A75 2.0GHz + 3x A55 1.8GHz
SC9863A 8x A55 1.6GHz
SC9832E 4x A53 1.4GHz
SC7731E 4x A7 1.3GHz
MT8183 4x A73 2.0GHz + 4x A53 2.0GHz
MT8768 8x A53 2.0GHz
MT8766 4x A53 2.0GHz
MT8765 4x A53 1.3-1.5GHz
MT8321 4x A7 1.3GHz
MT8168 4x A53 2.0GHz
RK3566 4x A55 1.8GH

OS
Android 15

Screen
8" 800 x 1280 IPS G+P/G+G

RAM
2GB/3GB/4GB

Storage
32GB/64GB/128GB

LTE
FDD B1/3/5/7/8/20, B2/4/7/17/28 Optional
TDD B38/40 Optional

Camera
Front 0.3/2MP, Rear 2/5MP

Speaker
Single Box Speakers

Support
FM, G-sensor, USB Type C, Compass/
Light/Proximity/Gyro sensor Optional

Wi-Fi/Bluetooth
WiFi 802.11 (ac)/(a)/b/g/n; BT4.0(5.0)

Battery
4000mAh/3.7V

Dimensions
Front 0.3/2MP, Rear 2/5MP

Weight
340g



Model:651G

6.5-inch with Charging Dock



6.5-inch NFC Android Smartphone with Charging Dock

Pretech 6.5-inch NFC smartphone with charging dock is particularly well-suited for applications requiring a stable and convenient setup, such as mobile sales points, public donation stations, hotel self-service kiosks, information kiosks, and logistics tracking devices. It offers a reliable solution for these industries, enhancing operational efficiency and user convenience.

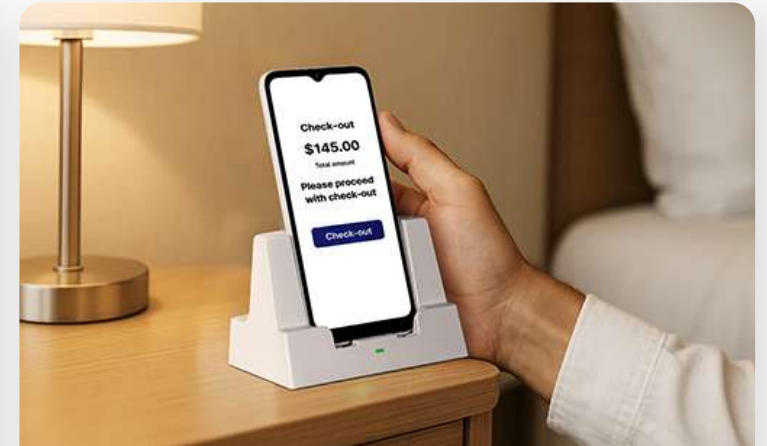
Industrail Applications



**6.5-inch NFC Smartphone
ODM Solutions**



**Public Donation Station
with 6.5-inch NFC Smartphone**



**Hotel Self-Service Kiosk Using
6.5-inch NFC Smartphone**



**Simple Information Kiosk
with 6.5-inch NFC Smartphone**



**Logistics Tracking Device
with 6.5-inch NFC Smartphone**

Product Detail



6.5-inch HD Incell display with
NFC module under screen



NFC Module Support



Charging Dock Support

Specification

CPU SC9863A 8 x A55 1.6GHz T606 2 x A75 1.6GHz + 6 x A55 1.6GHz T616 2 x A75 2.0GHz + 6 x A55 1.8GHz	RAM 4GB/6GB/8GB	Camera Front 24MP FF Rear 48MP AF+5MP Wide Camera+2MP Marco Camera	Weight 198g
	Storage 128GB/256GB	Support GPS,Dual SIM/TF Card, OTG, Gravity Sensor, Ambient Light Sensor, Proximity Sensor, NFC Support	
OS Android 15	Wi-Fi/Bluetooth WiFi 802.11 ac/b/g/n;BT5.0	Battery 4650mAh Polymer	
Screen 6.517" 720 x 1600 Incell HD, Water-hole Display, 5 Points Touch	LTE FDD B1/B3/B5/B7/B8/B20/B28AB TDD B40/B41	Dimensions 167 x 77 x 9.5mm	

NFC **6.5-inch**

Model:651G

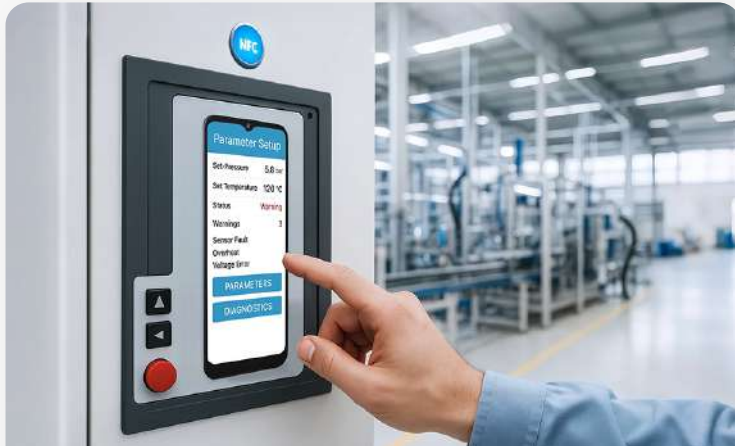
NFC



6.5-inch NFC Android Smartphone Embedded Solutions

Pretech 6.5-inch NFC smartphone is highly versatile for embedded applications in various industries. It can be seamlessly integrated into industrial equipment control, medical equipment monitoring, intelligent transportation systems, smart home control, and security monitoring systems. The NFC functionality of the smartphone provides quick and efficient connectivity and control, making it an ideal choice for embedded applications where portability and direct interaction are key requirements.

Industrail Applications



**Industrial Automation Control Panel
with 6.5-inch NFC Smartphone**



**Smart Medical Diagnostic Equipment
with 6.5-inch NFC Smartphone**



**Intelligent Traffic Signal Controller
with 6.5-inch NFC Smartphone**



**Smart Home Control Device with
6.5-inch NFC Smartphone**



**Security Access Control System with
6.5-inch NFC Smartphone**

Product Detail



6.5-inch HD Incell display with
NFC module under screen



NFC Module Support



Charging Dock Support

Specification

CPU SC9863A 8 x A55 1.6GHz T606 2 x A75 1.6GHz + 6 x A55 1.6GHz T616 2 x A75 2.0GHz + 6 x A55 1.8GHz	RAM 4GB/6GB/8GB	Camera Front 24MP FF Rear 48MP AF+5MP Wide Camera+2MP Marco Camera	Weight 198g
OS Android 15	Storage 128GB/256GB	Support GPS,Dual SIM/TF Card, OTG, Gravity Sensor, Ambient Light Sensor, Proximity Sensor, NFC Support	
Screen 6.517" 720 x 1600 Incell HD, Water-hole Display, 5 Points Touch	Wi-Fi/Bluetooth WiFi 802.11 ac/b/g/n;BT5.0	Battery 4650mAh Polymer	
	LTE FDD B1/B3/B5/B7/B8/B20/B28AB TDD B40/B41	Dimensions 167 x 77 x 9.5mm	

IOT Solutions

5.5-inch

Wall-mount Tablets

—

WP30

WP31

WP32

8-inch

Wall-mount Tablets

—

WP801

10.1-inch

Wall-mount Tablets

—

WP101/WP103

WP104

NFC **5-inch**

Model:WP30



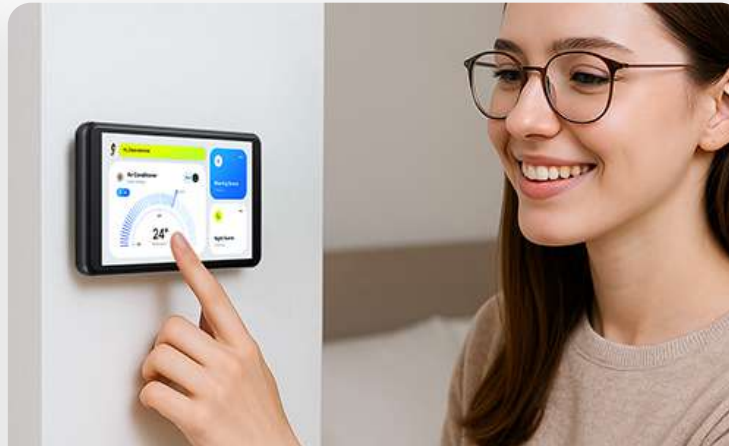
Wall-mounted POE Tablet PCs for Hotel

Designed to revolutionize hotel guest interaction and bring you a cutting-edge hotel experience, our in-room tablet solutions come in 5.5" Android tablets. These hotel tablets combine the functionality of a hotel appliance remote control into one streamlined device. Equipped with Ethernet and power PoE ports, they serve as a smart display and control platform that integrates seamlessly into any hotel room setting. Our high-quality IoT tablets offer advanced features such as a 40cm proximity wake-up sensor, Type-C interface, facial recognition NFC, and wall-mounting options. Perfect for luxury hotels and commercial venues, this solution improves guest convenience and operational efficiency.

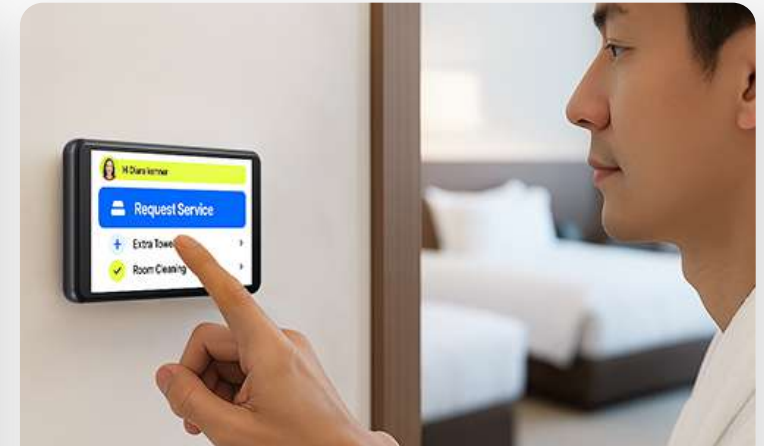
Industrail Applications



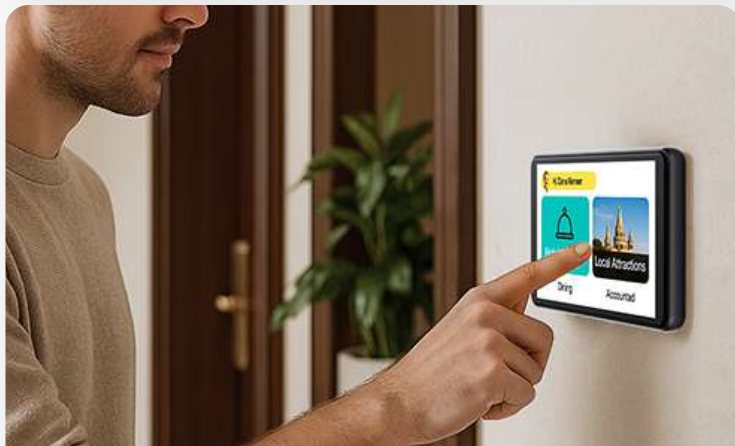
Streamline Room Service Orders



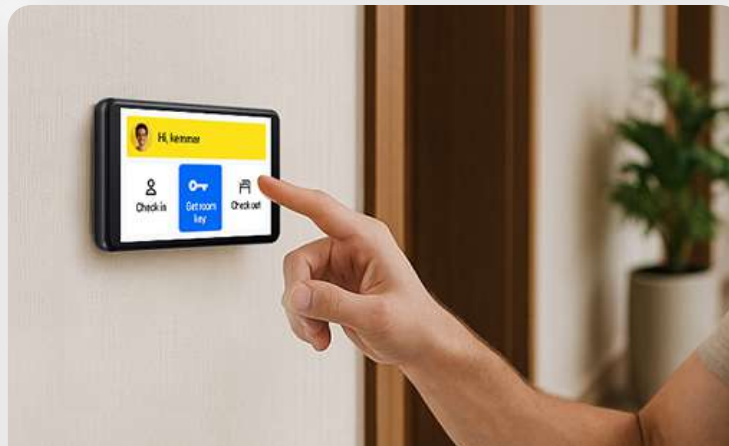
Personalized Room Controls



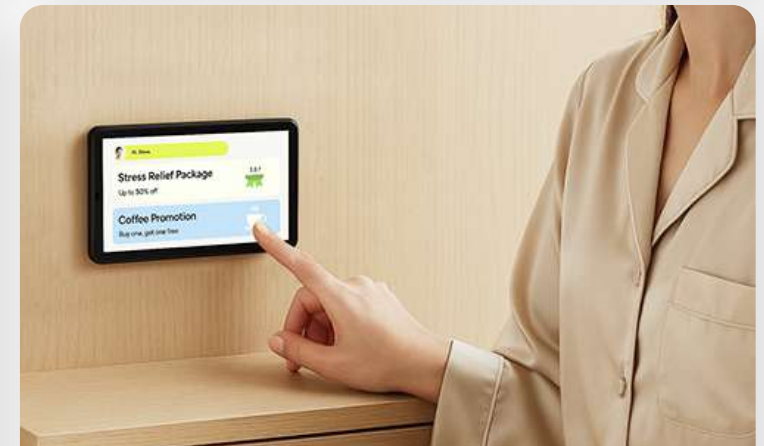
Facilitate Guest Requests



Enable Seamless Check-In/Out



Enable Seamless Check-In/Out



Enhance Entertainment Options

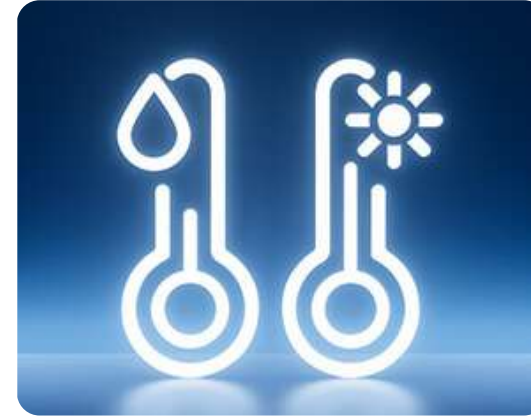
Hardware Features



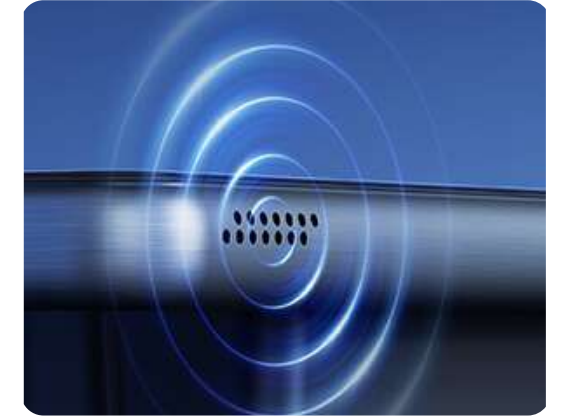
Anti-Oil Surface



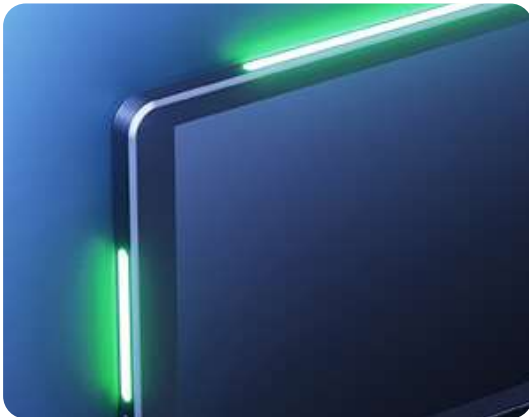
Optional Front Camera or
Expansion Port Camera



Air Humidity and
Temperature Sensing



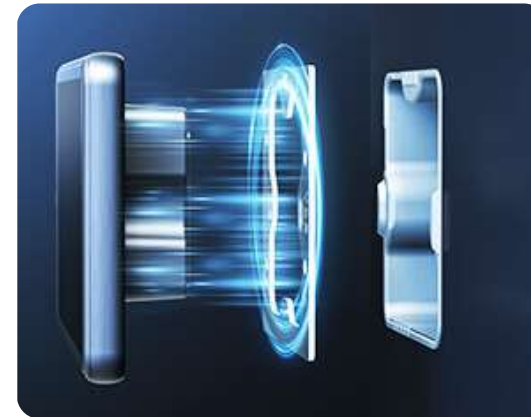
Support for Various
Room Configurations



Dual Light Bar Support



Waterproof Design



Magnetic Design



5-inch

Product Detail



5.5 inch Display



Support UK Box



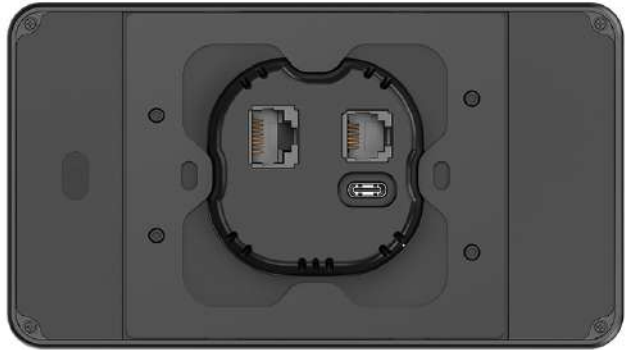
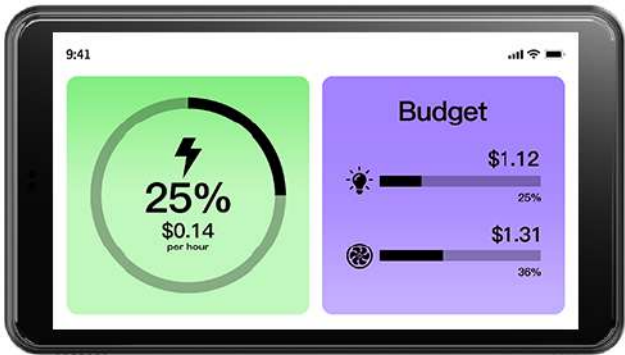
Support POE RS485 and RJ12

Specification

CPU MT8768 4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz	Storage 64GB	Support Support 30CM distance sensing wake-up; With gravity sensing),	I/O RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; USB TYPE C
OS Android 15 Google GMS	Wi-Fi/Bluetooth WIFI ac a/b/g/n, BT5.0	Battery NA	
Screen 5.5" FHD 1920 x 1080 Panda Cover G+F+F	LTE NA	Dimensions 143.66 x 80.66 x 9.95mm	
RAM 4GB	Camera NA	Weight 205g	

NFC 5-inch

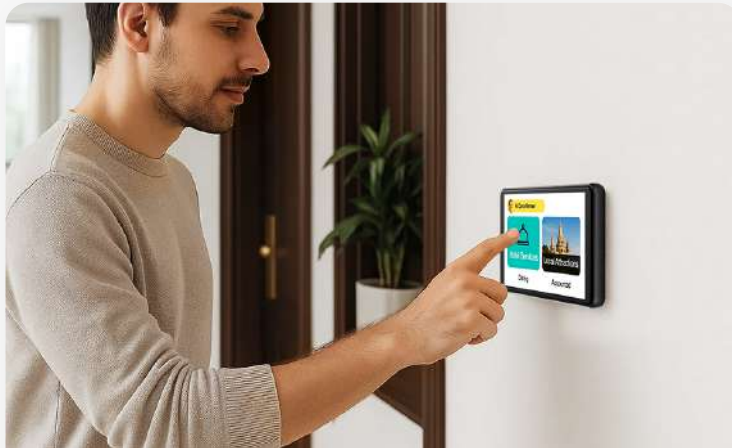
Model:WP31



5.5-inch POE Android Wall-mounted Table ODM Solutions

Our manufacturing capacity supports the production of a wide range of high-quality electronic devices, including tablet PCs, mobile phones, laptops and netbooks. With 8 advanced production lines and a 12000 SQM factory, we specialize in scalable ODM/OEM solutions that deliver fast turnaround times and precision-crafted products tailored to meet the specific needs of clients in diverse industries.

Industrail Applications



**Smart Hotel - Room Control
and Service Call**



**Retail and Catering - Self-Ordering
and Electronic Price Tags**



**Medical Care - Ward Information
Terminal**



**Outdoor Display, Public Information
Inquiry, Smart Community-Information
Display and Inquiry**



**Industrial Automation Machine
Monitoring and HMI Interaction**



**Agriculture - Greenhouse Environment
Data Collection**

Hardware Features



POE Power Supply



RJ12 Interface with
RS485 Function



Anti-Glare AG Screen



POE Power Supply



High-Brightness
Screen (500nit)



50cm Proximity Sensing



NFC Functionality



Magnetic Design

Product Detail



US Standard Box Compatibility



European Standard Box Compatibility



UK Standard Box Compatibility



White POE Tablet PCs for US Systems



White POE Tablet PCs for European Electrical Systems



White ID POE Tablet PCs for UK Electrical Standards

Specification

CPU 4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz	Storage 64GB	Speaker Single Speaker	I/O RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);
OS Android 15 Google GMS	Wi-Fi/Bluetooth WIFI ac a/b/g/n, BT5.0	Support Support 50CM distance sensing wake-up; With gravity sensing	
Screen 5.5" FHD 1920 x 1080 Panda Cover G+F+F	LTE NA	Battery NA	
RAM 4GB	Camera NA	Weight 205g	Dimensions 143.66 x 80.66 x 9.95mm

5.5-inch POE Wall-mounted Tablets Overview



5.5-inch
WP30



5.5-inch
WP31



5.5-inch
WP32

WP30		WP31		WP32	
CPU	MT8768 4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz	4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz	MT8768 Octa core 2.0Ghz		
OS	Android 15 Google GMSA	Android 15 Google GMS	Android 15 Google GMS		
Screen	5.5" FHD 1920 x 1080 Panda Cover G+F+F	5.5" FHD 1920 x 1080 Panda Cover G+F+F	5.5inch FHD 1920*1080 IPS, Capacitive G+FF		
RAM	4GB	4GB	4GB		
Storage	64GB	64GB	64GB		
Wi-Fi/Bluetooth	WIFI ac a/b/g/n, BT5.0	WIFI ac a/b/g/n, BT5.0,	WIFI ac a/b/g/n, BT5.0,		
LTE	NA	NA	NA		
Camera	NA	NA	Option		
Support	Support 30CM distance sensing wake-up; With gravity sensing),	Support 50CM distance sensing wake-up; With gravity sensing	Support 50CM distance sense wake up; Temperature and humidity sensor; Gravity sensor; Support 5.8G Millimeter Wave Radar; Support Thread/Zigbee; Support NFC.		
I/O	RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);	RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);	RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);		
Battery	NA	NA	NA		
Dimensions	143.66 x 80.66 x 9.95mm	143.66 x 80.66 x 9.95mm	243 x 152 x 10mm		
Weight	205g	205g			

NFC 8-inch

Model:WP801



8-inch POE Wall-Mounted Tablet for Smart Solutions

Pretech WP801 is an 8-inch POE wall-mounted tablet designed for smart home and business applications. It features an 8-inch IPS display (800x1280 resolution) with brightness of 300cd/m² and equal-width black borders. The tablet is powered by an MT8768X processor with 4GB RAM and 64GB storage. It includes a front-facing 5MP camera (supporting up to 13MP), ambient light sensor, long-range proximity sensor (40cm), and dual box speakers. The tablet supports 4G, NFC, WiFi 5, BT 5.0, and temperature/humidity sensors. It also features Type-C (supporting PD protocol), RS485 serial port (RJ12), and PoE (RJ45) connectivity options. Additionally, it supports Thread/Matte/Zigbee/Z-wave protocols for smart home integration.

Industrail Applications



POE Tablets for Home Automation Solutions



POE Tablets for Industrial Environmental Monitoring Solutions



POE Tablets for Conference Room Booking and Office Automation Solutions



POE Tablets for Retail Store Management Solutions

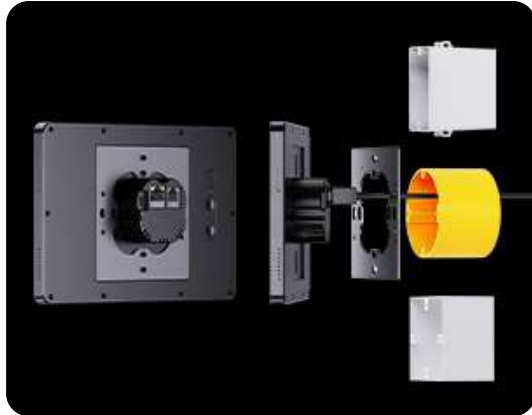


POE Tablets for Healthcare Monitoring Solutions



POE Tablets for Classroom Management Solutions

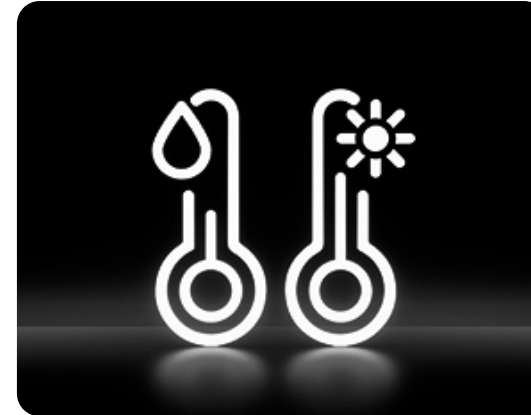
Hardware Features



POE Connectivity



Front NFC Support



Temperature and
Humidity Sensors



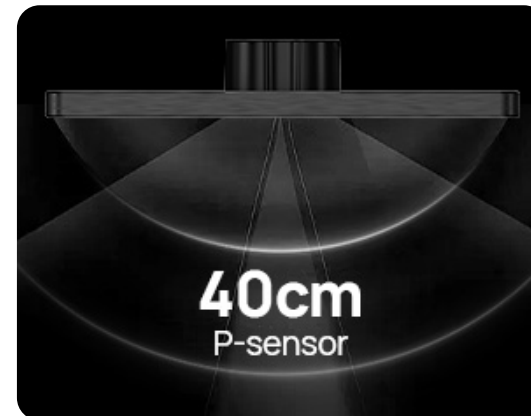
LTE and WCDMA Support



High-Definition Display



Supports a brightness of
300cd/m²



Advanced Sensors



Front Camera up to 13MP

Product Detail



UK Standard Box Compatibility



European Standard Box Compatibility



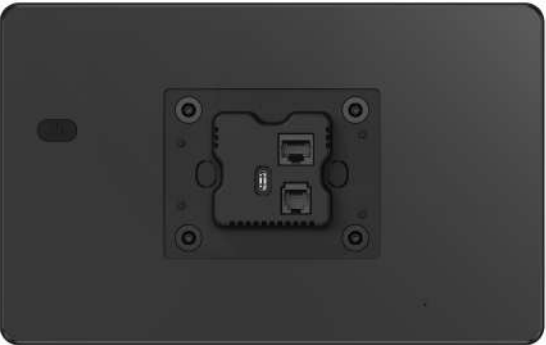
US Standard Box Compatibility

Specification

CPU MT8768X,8 core,Cortex-A53,2.2GHz,12nm	Storage 64GB eMMC	Serial Communication Thread/Zigbee 3.0/Matter (optional), Z-wave 700 (optional), Z-wave 800 (optional)	Support Active and passive Peer-to-Peer:ISO/IEC 18092-NFCIP-1 Initiator&Target Passive mode-Reader/Writer:NFC Forum Type 1/2/3/4/5 tags Active mode-Card Emulation:ISO/IEC 14443 Type A&B
OS Android	Wi-Fi/Bluetooth IEEE 802. 11ac/a/b/g/n 2.4GHz&5GHz, BT5.0,	Speaker Box speakers 8Ω/1.0W x 2	Support 1 x USB-C(data) 2 x Nano SIM or Nano SIM+MicroSD RS485: 1 x RJ12(24V in) RJ45: 1 x 100M,PoE(15W)
Screen 8" HD 1280 x 800 IPS, Capacitive G+FF	LTE B1/B3/B5/B7/B20	Battery NA	
RAM 4GB LPDDR4	Camera 5MP/8MP/13MP(optional)	Dimensions 200.5 x 132 x 33.4mm	

NFC 10.1-inch

Model:WP101/WP103



10.1-inch POE Tablet PC Advanced IOT Solution for Smart IOT Control Solution

The 10.1-inch POE tablet PC is designed to enhance the wall control experience with its 10.1-inch FHD display and powerful MT8768 processor running Android OS with Google GMS. With 4G+64GB storage, it offers seamless connectivity and ample space for applications. Equipped with dual speakers, a 50cm proximity wake-up sensor, and optional NFC, this tablet is perfect for modern hotel rooms. Its POE capabilities allow for easy installation without the need for additional power outlets.

Industrail Applications



POE Tablets: Versatile Smart Devices for Diverse Applications



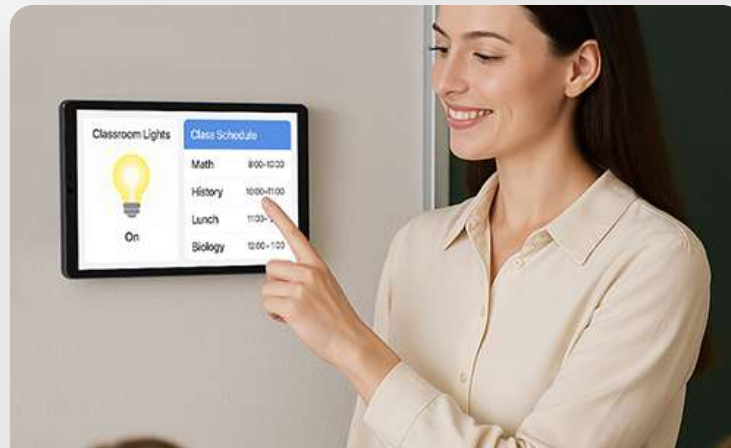
Smart Home Control



Commercial Automation



Healthcare



Education



Industrial Automation

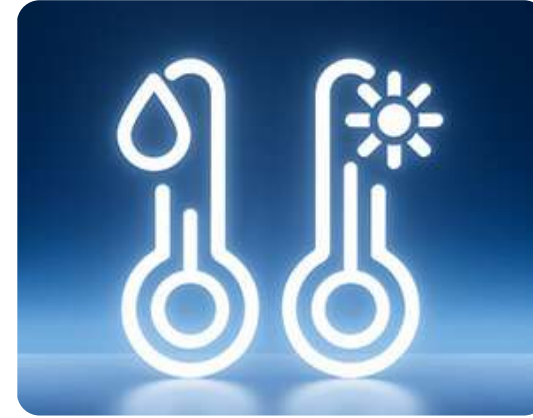
Hardware Features



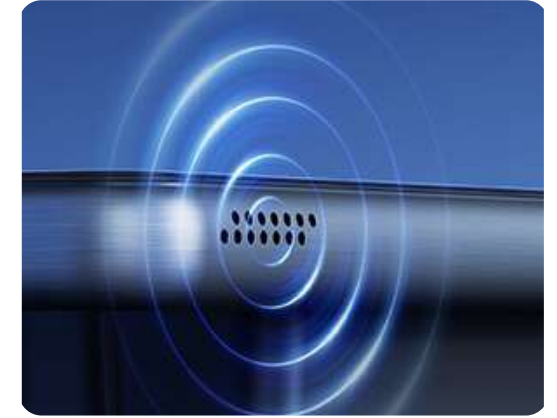
Anti-Oil Surface



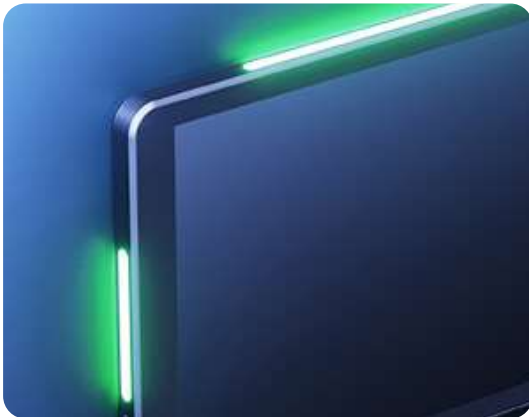
Optional Front Camera or
Expansion Port Camera



Air Humidity and
Temperature Sensing



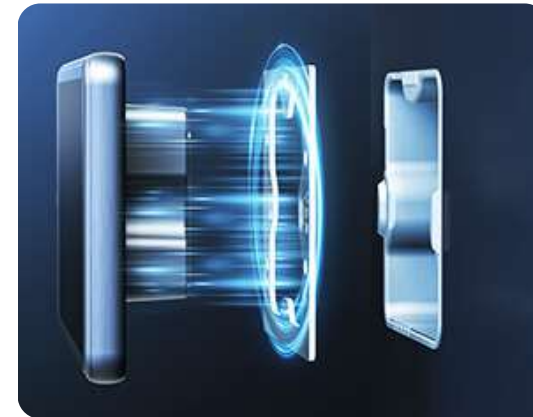
Support for Various
Room Configurations



Dual Light Bar Support



Waterproof Design



Magnetic Design



10.1-inch

Product Detail



Display Size

10.1-inch FHD 1920 x 1200 display with G+F+F technology for clear and vibrant visuals.



Connectivity Options

Supports POE, RJ12, and USB-C for flexible power and data connectivity.



Audio and Sensors

Equipped with dual speakers and sensors for humidity, temperature, and gravity detection.

Specification

CPU

MT8768 4 x Arm Cortex-A53, 2.0 GHz
+4 x Arm Cortex-A53, 1.5 GHz

OS

Android 14 Google GMSA

Screen

10.1" FHD 1920 x 1200 G+FF

RAM

4GB

Storage

64GB

Wi-Fi/Bluetooth

WIFI ac a/b/g/n, BT5.0

LTE

NA

Camera

Option

Support

Support 50CM distance sense wake up;
Temperature and humidity sensor;
Gravity sensor;

Battery

NA

Dimensions

243 x 152 x 10mm

I/O

RJ45: PoE Power Supply 48V~53V + Ethernet;
RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network)
USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);

Weight

548g

POE 10.1-inch

Model:WP104



10.1-inch POE Tablet PC Advanced IOT Solution

The 10.1-inch POE Tablet is a cutting-edge IoT device designed to revolutionize wall control experiences. With its 10.1-inch FHD display and Android OS with Google GMS, it offers a seamless and intuitive user interface. The tablet's 4G+64GB storage ensures ample space for applications and smooth connectivity. Equipped with dual speakers, a 50cm proximity wake-up sensor, and optional NFC, the 10.1-inch POE Tablet enhances convenience and security. Its POE capabilities simplify installation by eliminating the need for additional power outlets. Whether in hospitality, commercial spaces, or smart homes, the 10.1-inch POE Tablet provides a versatile and efficient control solution.

Industrail Applications



**Smart Office: Meeting Booking
Equipment Central Control**



**Smart Home/Hotel: Lighting/Air
Conditioning/Curtain Control**



**Industrial Automation: Equipment
Monitoring, HMI Interaction**



**Retail: Advertising Playback,
Self-Service Payment**

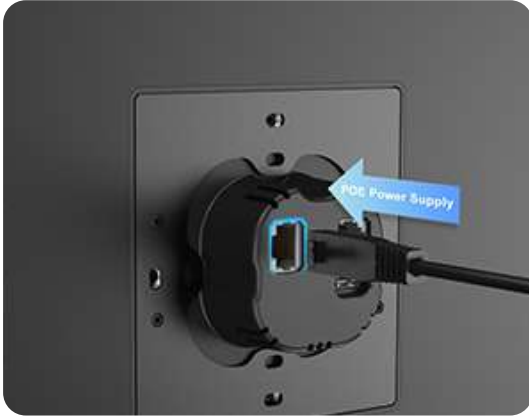


**Medical: Nurse Station Terminal
Environmental Monitoring**



**Agriculture: Greenhouse Environmental
Data Collection**

Hardware Features



RJ45 POE Interface



RJ12 Interface with
RS485 Function



NFC



Zigbee 3.0



USB Type C



Magnetic Design



10.1-inch Display



Anti-Fingerprint Screen

Product Detail



European Box Compatibility



US Box Compatibility

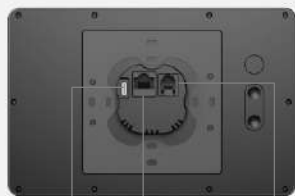


UK Box Compatibility

Specification

CPU 4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz	Storage 64GB	Support Support 50CM distance sense wake up; Temperature and humidity sensor; Gravity sensor; Support 5.8G Millimeter Wave Radar; Support Thread/Zigbee; Support NFC.	I/O RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);
OS Android 15 Google GMS	Wi-Fi/Bluetooth WIFI ac a/b/g/n, BT5.0	Battery NA	Weight 548g
Screen 10.1" FHD 1920 x 1200 G+FF	LTE NA	Dimensions 243 x 152 x 10mm	
RAM 4GB	Camera Option		

8-inch 10.1-inch POE Wall-Mounted Tablets Overview



USB-C 2.0 POE(RJ45) RJ12(RS485)



US box



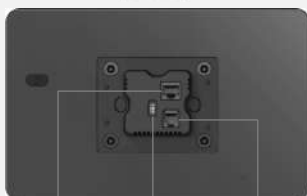
UK box



EU box

8-inch

WP801



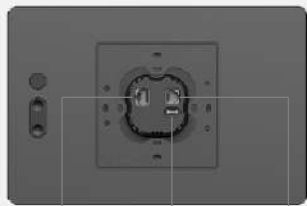
POE(RJ45) USB-C 2.0 RJ12(RS485)



UK box

10.1-inch

WP101



RJ12(RS485) USB-C 2.0 POE(RJ45)



US box



UK box



EU box

10.1-inch

WP104

WP801		WP101/WP103		WP104
CPU	MT8768X,8 core,Cortex-A53,2.2GHz,12nm	MT8768 4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz		4 x Arm Cortex-A53, 2.0 GHz +4 x Arm Cortex-A53, 1.5 GHz
OS	Android	Android 14 Google GMSA		Android 15 Google GMS
Screen	8" HD 1280 x 800 IPS, Capacitive G+FF	10.1" FHD 1920 x 1200 G+FF		10.1" FHD 1920 x 1200 G+FF
RAM	4GB LPDDR4	4GB		4GB
Storage	64GB eMMC	64GB		64GB
Wi-Fi/Bluetooth	IEEE 802.11ac/a/b/g/n 2.4GHz&5GHz, BT5.0,	WIFI ac a/b/g/n, BT5.0,		WIFI ac a/b/g/n, BT5.0,
LTE	B1/B3/B5/B7/B20	NA		NA
Camera	5MP/8MP/13MP(optional)	Option		Option
Support	Active and passive Peer-to-Peer: ISO/IEC 18092-NFCIP-1 Initiator&Target Passive mode-Reader/Writer:NFC Forum Type 1/2/3/4/5 tags Active mode-Card Emulation:ISO/IEC 14443 Type A&B	Support 50CM distance sense wake up; Temperature and humidity sensor; Gravity sensor;		Support 50CM distance sense wake up; Temperature and humidity sensor; Gravity sensor; Support 5.8G Millimeter Wave Radar; Support Thread/Zigbee; Support NFC.
I/O	1 x USB-C(data) 2 x Nano SIM or Nano SIM+MicroSD RS485: 1 x RJ12(24V in) RJ45: 1 x 100M,PoE(15W)	RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);		RJ45: PoE Power Supply 48V~53V + Ethernet; RJ12: RS485 + Power Supply 12V~24V; (With a standard RJ45 network cable, you can also access the Ethernet network) USB TYPE C: (If there is no PoE, and only RJ45 carries the network, you can use a TYPE C + RJ45 interface to use simultaneously);
Battery	NA	NA		NA
Dimensions	200.5 x 132 x 33.4mm	243 x 152 x 10mm		243 x 152 x 10mm
Weight		548g		548g

Car Infotainment Solutions

11-inch

NFC Tablet PCs for Car Headrest Solution

—

L1108

NFC 11-inch

Model:L1108



NFC Tablet PCs for Car Headrest Solution

Designed to revolutionize in-car entertainment and bring a cutting-edge travel experience, pretech car headrest tablet solutions come with an 11-inch display. These tablets combine the functionality of a car entertainment system into one streamlined device, they serve as a smart display and control platform that integrates seamlessly into any vehicle setting. Our high-quality tablets offer advanced features such as facial NFC supporting tap-to-pay, perfect for long trips and commercial vehicles, improving passenger convenience and entertainment options.

How To Install



**Custom Car Headrest Player
Installation Solution**



Tablet Case Attachment



Mounting the Tablet on the Bracket



**Securing the Bracket to the
Car Headrest**



**Enjoy Entertainment on the Go and
NFC Contactless Payment**

Product Detail



Pretech Car Rear Seat NFC Tablets for Next-Gen In-Car Entertainment



Car Rear Seat Tablet Mounting Bracket Secure Mounting for Optimal Viewing



Car Rear Seat Tablet Solutions for Various Car Rear Seats

Specification

CPU MT6789 2x A76 2.2GHz + 6x A55 2.0GHz(G99)	Storage 64GB/128GB/256GB	Camera Front 5MP/8MP FF;Rear 5/8/13MP AF	Battery 8000mAh/3.8V Maximum
OS Android 15	Wi-Fi/Bluetooth WiFi 802.11 ac/b/g/n;BT5.0; GPS,FM	Speaker 2 x Box Speakers(4 speakers available)	Dimensions 256 x 168 x 7.45mm
Screen 10.95" 1920 x 1200 IPS Incell	LTE FDD B1/2/3/4/5/7/8/12/13/17/18/19/ 20/25/26/28AB/66 Optional TDD B34/38/39/40/41 Optional	Support G-sensor;light sensor/proximity sensor; Gyroscope;PD fast charging	
RAM 4GB/6GB/8GB		I/O USB Type C x 1 Earphone x 1 SIM/TF Card Tray Pin pogo x 1	

Contact Us

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