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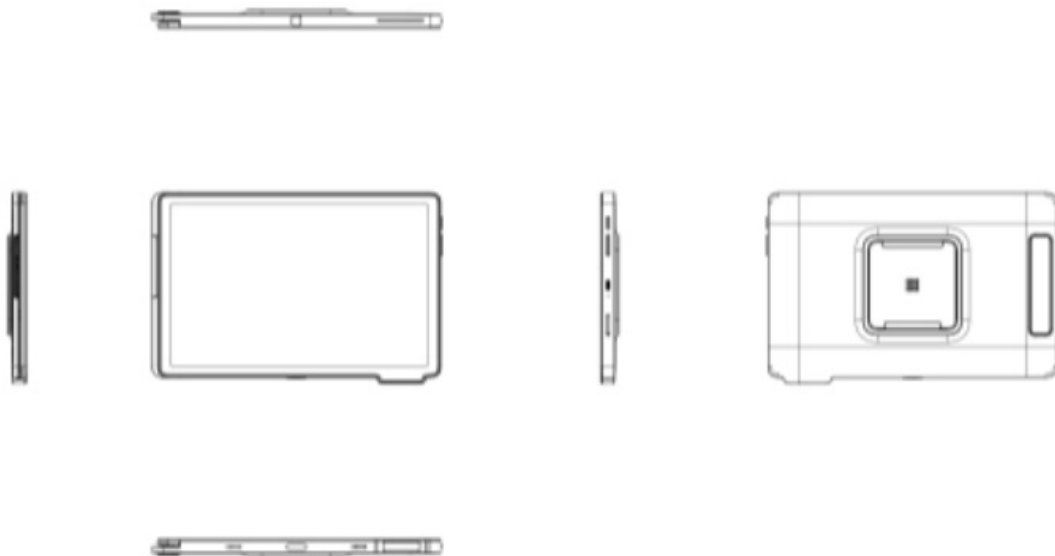
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KOZEN

Kozen P18 Multifunctional Smart POS Device



Product Diagram



- **NFC Card Reader**
NFC antenna locates at the bottom of the screen. It's used to sense chip and acquire data in a contactless way.
- **IC Card Reader**
Used for inserting the bank chip card and getting information securely.
- **MSR Card Reader**
Used for reading encrypt information stored in corresponding cards.
- **Main Camera**
Used to take photos or videos needed or complete commercial payment through camera base on third-party app.

- Display

Set for merchants to complete business settlement and for customers to input the password to finish the payment.

- Power Button

Used to change the running states of device, such as pressing 2~3 seconds to power on/off or screen capture and pressing 10 seconds to restart automatically when device is crashed.

- Card Slot

The card slot is on the side of the device and can be pushed out by holding the card pin like smart phones.

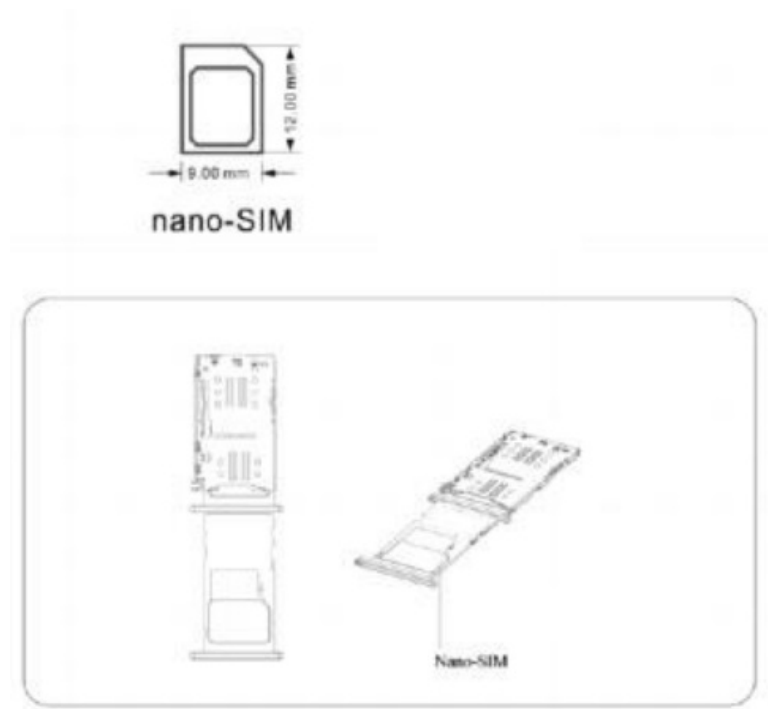
- USB type-C

Used for device charging and plugging in peripheral device that supports OTG.

- Pogo Pin

The Pogo-pins expanded interface is severed as the channel to connect the charging cradle for better power supply and expand other interfaces for data transmission.

Card Selection Instruction



Package List

NO.	Items list	Description
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1	Device	Default
2	Battery	8000mAh/3.8V (unremovable)
3	USB cable	1pcs, 1m/type-c
4	Adapter	5V2A
5	User manual	Neutral

FCC Statement

FCC Caution.

15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

15.21 Changes or modifications warning.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Information and Statement

The SAR limit of USA(FCC) is 1.6 W/kg averaged over one gram of tissue. Device types:P1861 Smart Desktop Terminal (FCC ID: 2A2UU-P1861) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 0.87W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Battery warning

- This product contains a coin/button cell battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- CAUTION: Risk of explosion if the battery is replaced by an incorrect type.
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature environment, which may result in an explosion or the leakage of flammable liquid or gas.

- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions.
- Caution risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Declaration of Conformity

Hereby, [Shanghai Xiangcheng Communication Technology.,Ltd] declares that the radio equipment type P1861 Smart Desktop Terminal, P18 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.xc-tech.com/mobile/>

CE RF Exposure Information and Statement

The SAR limit of Europe is 2.0 W/kg. Device types P18 has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.016 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

RF output power:

- GSM900:33 dBm \pm 1dB
- GSM1800:31 dBm \pm 1dB
- WCDMA BANDI/VIII:23dBm \pm 1dB
- LTEBAND1/3/7/8/20/28/38/40/42:23dBm \pm 1dB Blue tooth: 2 \pm 1dB EIRP
- WIFI 2.4G :17 \pm 1dB(EIR P)
- WIFI5.15 GHz – 5.25 GHz: 18 \pm 1dBm
- WIFI5.25 GHz – 5.35 GHz: 17 \pm 1 dBm
- WIFI5.47 GHz – 5.725 GHz: 15 \pm 1 dBm WIFI5.725 GHz – 5.875 GHz:13 \pm 1dBm
- NFC:76.63dbuV/m@3m

Restrictions in the 5GHz band:

According to 10(10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), Norway (NO), the United Kingdom in respect of Northern Ireland (UK(NI)) ,Iceland (IS), Liechtenstein (LI), Switzerland (CH) and Turkiye (TR).The WLAN function for this device is restricted to indoor use due to its operation in the 5.15 to 5.35 GHz frequency range.

Technical Specs

Items	Specification
Operating System	Android 13
CPU	2*Cortex-A76 2.2GHz 6*Cortex-A55 2.0GHz
Memory	3GB RAM + 32GB ROM
Display	10.95” IPS, 1200*1920
Camera	2M FF(Main Camera)
Scanner	N/A
Cellular Network	Support 2g/3g/4g
WIFI	IEEE 802.11 a/b/g/n 2.4G&5G
Bluetooth	Version 5.2, support BLE
Payment	Support IC/MSR/NFC Card

Interface	USB type-C Pogo Pin
Audio	Speaker / Mic
Battery	8000mAh/3.8V (Rated capacity)

ATTENTION

Warning

- Read all instructions and safety information before use to avoid injury.
- The limit operating ambient temperature of the device declared by the manufacturer is -10°C~+50°C (standalone). -10~+35°C (with adapter)..

Battery safety

- Charge battery only at ambient temperatures ranging from 0~40°C.
- Dispose of used batteries according to the manufacturer's instructions.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer.

Statement

- The equipment damage caused by natural disasters, falling, self-disassembly and non-compliance with the operation specifications is not covered by the free warranty.
- Some details of this document may be inconsistent with the real object due to the update iteration of the product. Please take the real object as the standard, and our company reserves the right to interpret this document.

FAQ


- **Q: What should I do if my device is damaged by natural disasters or falls?**
 - A: Damage caused by natural disasters, falls, self-disassembly, or non-compliance with operation specifications is not covered by the free warranty.
- **Q: How do I connect the device to a charging cradle?**

- A: Use the Pogo pins expanded interface to connect the charging cradle for better power supply and to expand other interfaces for data transmission.

- **Q: Where is the NFC card reader located?**

- A: The NFC antenna is located at the bottom of the screen and is used to sense chips and acquire data through a contactless method.

Documents / Resources

	Kozen P18 Multifunctional Smart POS Device [pdf] User Manual P1861, 2A2UU-P1861, 2A2UUP1861, P18 Multifunctional Smart POS Device, P18, Multifunctional Smart POS Device, Smart POS Device, POS Device
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References

- [User Manual](#)

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🔍 2A2UU-P1861, 2A2UUP1861, KOZEN, Multifunctional Smart POS Device, P18, P18 Multifunctional Smart POS Device, P1861, POS Device, Smart POS Device

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