

FX2220 User Manual

Forewords

Dear user, thank you for choosing Fanxiang. To ensure you can use this product efficiently and enjoyably, please read the product manual carefully before your first use. Wish you a pleasant experience!

product brief introduction

The Vanxiang FX2220 is a device with cloud phone (Android) functionality, capable of simultaneously mounting six cloud phones. Its main features are as follows:

- **Cloud-based intelligent operation, 24-hour uninterrupted:** Supports 24-hour cloud operation, ensuring the application is always online. Tasks run continuously and stably without any concerns about network disconnection, system shutdown, or insufficient power. It perfectly resolves issues such as overheating, lagging, and excessive data usage.
- **Release local resources and run more efficiently:** Data is stored in the cloud, not occupying local space. It provides efficient, secure and flexible scalable data storage services. One terminal can easily handle multiple tasks and large applications, with more sufficient storage space and smoother local operation.
- **No worries about compatibility, universal connectivity:** Compatible with various hardware systems, easily adaptable to mobile phones, tablets, computers and other devices. Data can be shared among the three devices. Even with low-end hardware, you can play mainstream games and enjoy performance comparable to that of flagship

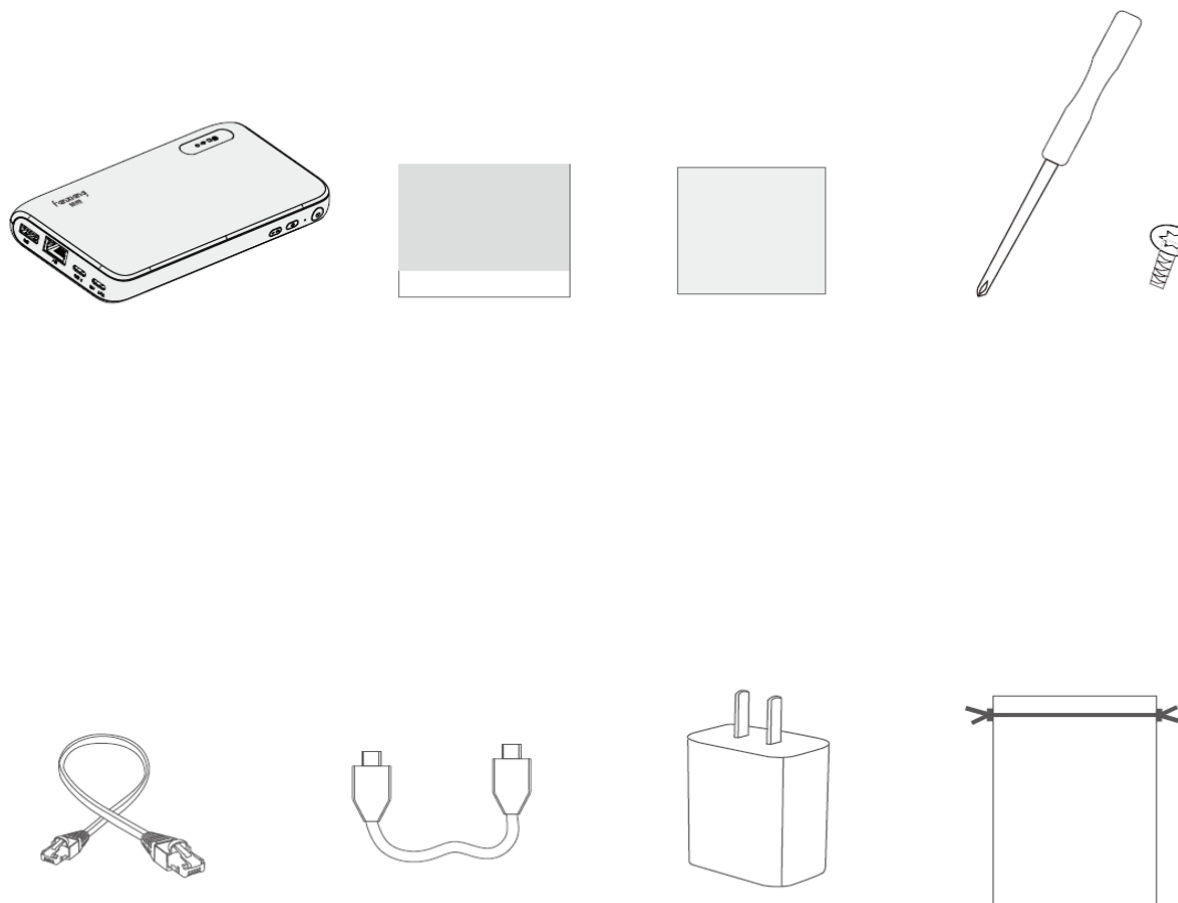
devices.

- **Compatible with hard drives:** Compatible with M.2 interface NVMe protocol 2280-sized solid-state drives. Users can remotely access stored data via local network or the internet at any time, no matter where they are, and can retrieve and manage data at any time, creating multiple private and exclusive data spaces.
- **Built-in battery, worry-free charging:** Equipped with a 3000mAh battery, it can be used as an emergency charging device for outdoor use, eliminating the worry of running out of power.

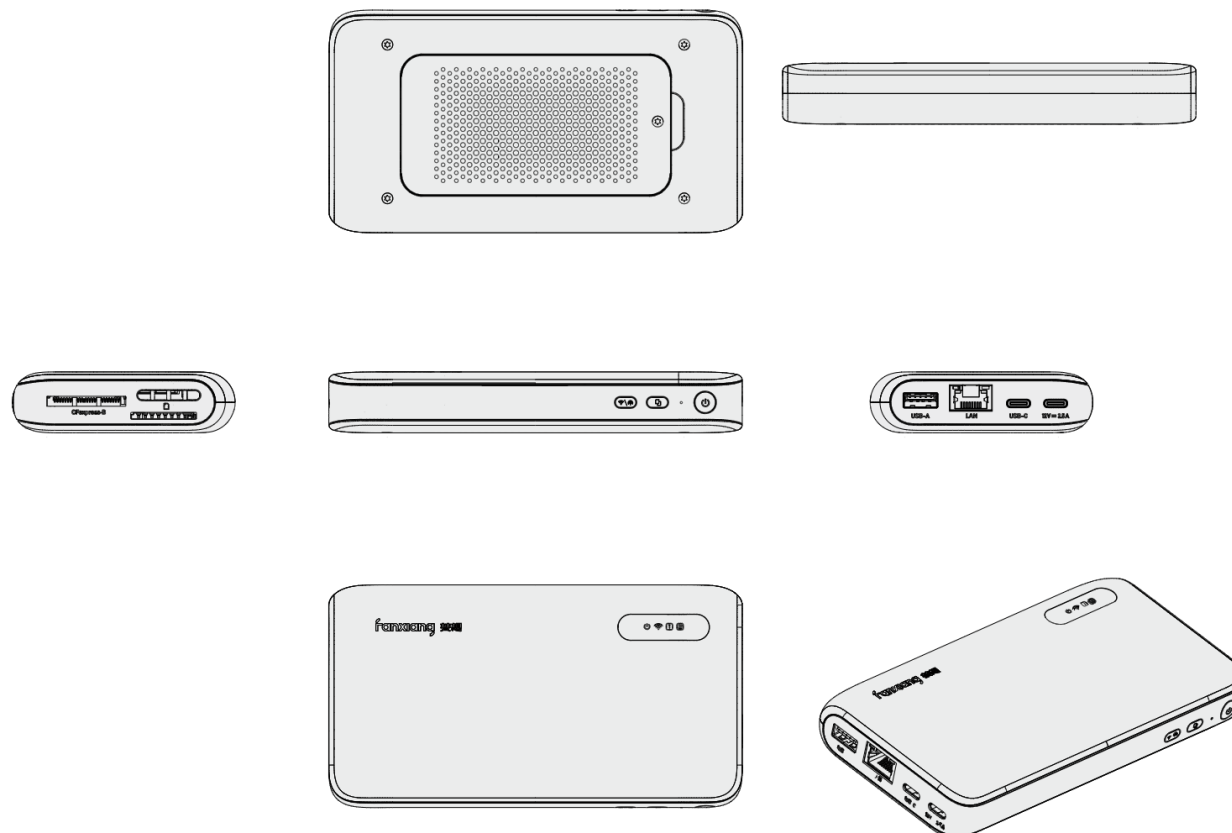
important note

- Before using this product, please make sure to back up all your hard drive data in advance. Restoring the data is not covered by the warranty and is not within the scope of our responsibility.
- Damage to the equipment caused by improper operation or human error is not covered by the warranty and shall not be borne by us.
- Do not perform hot-plugging to avoid damaging the product or the hard drive.
- Please use the power adapter that comes with this product to supply power to it. Doing so will prevent damage to the product and avoid potential safety hazards.
- Please keep the product dry to avoid internal circuit failures in the product.
- The VanDing Cloud Mobile Phone is intended solely for regular leisure, entertainment, and office use for legal purposes. It must not be used for any illegal activities. If any legal consequences arise from such use, VanDing will not bear any responsibility.

packing list

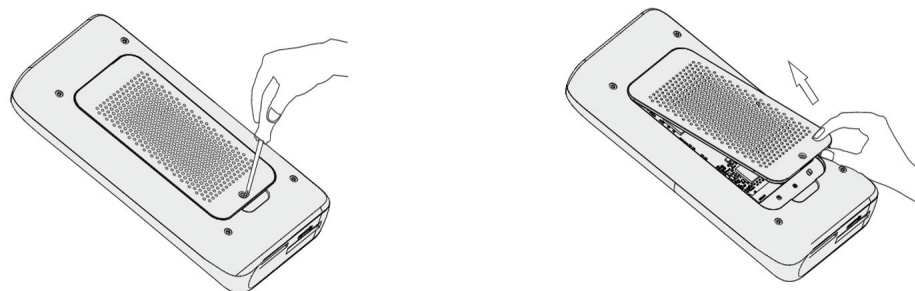


产品展示



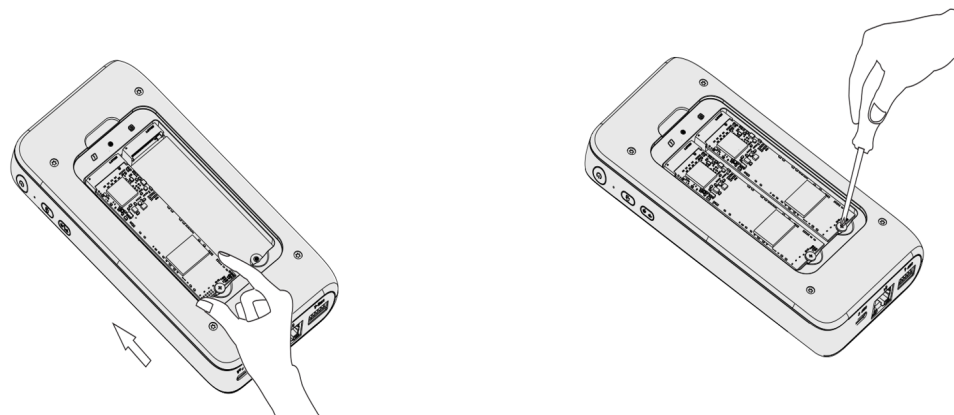
Hard disk disassembly and assembly

1. **Remove the shell:** Unscrew the screws on the bottom cover and remove the bottom cover from the latch position.

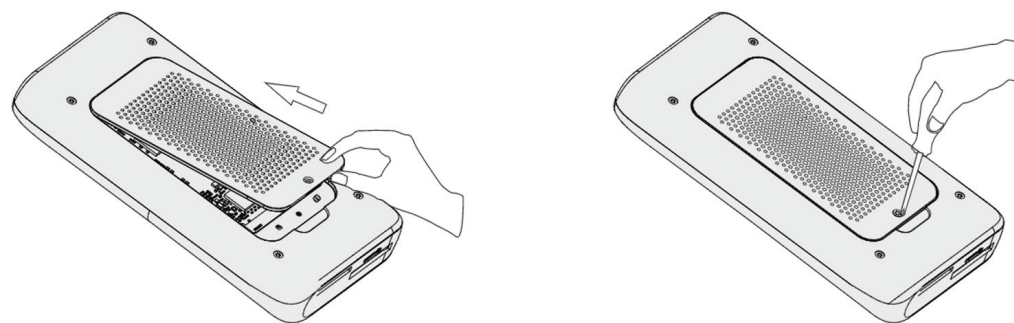


2. **Installation of the hard drive (M.2 interface NVMe protocol 2280 solid-state drive):** Insert the hard drive into the M.2 slot according to the interface direction and tighten the screws.

Note: Before locking the screws, please ensure that the hard drive interface is tightly fitted into the slot.



- 3. Assembly of the outer casing:** Close the lower cover of the casing, secure the screws, and the assembly is complete.

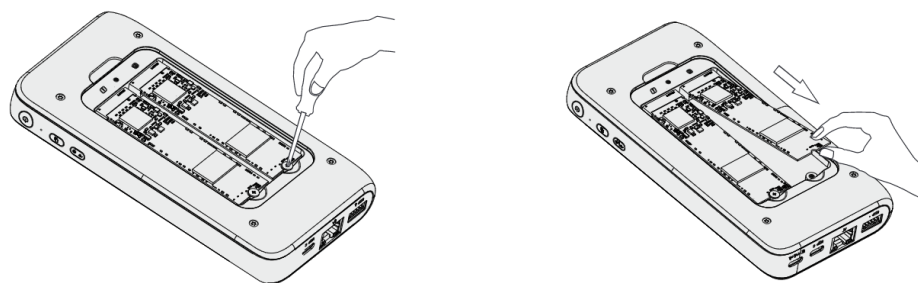


4. Shipment Change Notice:

Step 1: Shut down and disconnect the power of the device;

Step 2: Repeat the action of disassembling the casing from Step 1, unscrew the screws on the bottom cover, and remove the bottom cover from the latch position;

Step 3: Remove the old installed hard drive and install the new one.



Function Usage

APP Installation: Connect the device to power using the built-in power adapter of the device, press the power button briefly to turn on the device, download the client APP (Vanxi Cloud) and install it on the Android system mobile phone/tablet device.

Cloud Phone Access: Open the Vanxi Cloud APP, find "Cloud Phone" on the home page, click to enter and perform the operation. (For detailed operation, please follow the steps in the APP instructions)

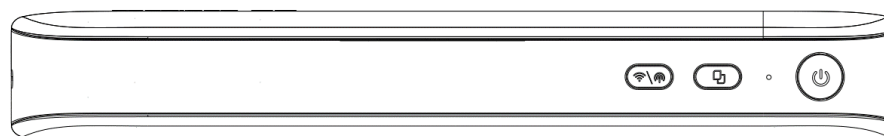


reminder:

Connection method: There are two types of connection methods: wired connection and wireless connection. If the Wifi signal in the user's environment is unstable, a Gigabit network cable can be inserted for connection.

Interface protocol of the CFexpress Type B card slot: PCIe 2.0.

Device buttons



name	function operational specification
power switch	When the device is powered off, press the button briefly to turn it on. The buzzer will sound once
	When the device is powered on, press and hold the power button for more than 3 seconds to shut it down
resetting key	When the device is powered on, if you press and hold for more than 3 seconds, the system indicator light will flash rapidly in white, and the device will revert to its factory settings
Backup key	Press the button twice briefly, and the buzzer will sound once. The external storage data will start to be backed up. During the backup process, press the button three times briefly to cancel the task
Wireless network switch key	Press the button twice briefly. The buzzer will sound once. The backup of external storage data begins. Press the button three times briefly while short pressing it twice to cancel the task. When the indicator light turns on, press the button twice again. This will enable the WLAN mode. Press it twice again to turn off the WLAN hotspot

Indicator light



name	state	explain
power light	White is always bright	On-line state
	蓝色快闪	The plug-and-ready task is underway
	Blue flash	Enable the plug-and-play function
	Red light is constantly on	The built-in UPS power supply is running low on battery
	extinguish	shutdown
System indicator lights (Each pair of hard drives corresponds to two system indicator lights)	White is always bright	Hard disk is properly inserted and recognized by the system
	White flash	factory data reset
	White slow flashing	Firmware upgrade in progress
	White breath	The hard disk has entered a sleep state
	Red light is constantly on	The hard drive has malfunctioned
	extinguish	The hard drive slot is not inserted with a disk
Wireless network indicator light	White is always bright	Wi-Fi is turned on and connected properly
	White slow flashing	Wi-Fi is turned on but there is no connection to the network
	Green light is always on	Wi-Fi and WLAN hotspots are both turned on, and Wi-Fi has been connected
	Green slow flashing	Wi-Fi and WLAN hotspots are both turned on, but Wi-Fi is not connected

Device binding

1. Please scan the QR code on your device or the one below to download and install the "Fanxiang Cloud" APP. Follow the instructions in the APP to proceed.
2. Please visit the website (<http://www.fanxiang.com>), download and install the "Fanxiang Cloud" APP, and then follow the instructions in the APP.



equipment sharing

The administrator logs into the "Fanzhan Cloud" APP and issues an invitation: User Management → Invite Users → Click the link and send it to → The invited person clicks the link to accept the invitation.

reminder: For detailed explanations of more functions, please refer to the instructions in the "Fanzheng Cloud" APP.

Product specification parameters

product information	model	FX2220
CPU	model	RK3588
	Core quantity	4*Cortex-A76+4*Cortex-A55
	dominant frequency	Cortex-A76 2.4GHz, Cortex-A55 1.8GHz
NPU	hashrate	6TOPS
internal storage	Memory type	LPDDR4
	memory capacity	16GB (8GB LPDDR4*2)
flash memory	Flash memory capacity	32GB
net opening	Number of network ports	2.5GbE RJ45*1
	Network interface rate	2.5GbE/s
Hard disk type	Hard disk type	M.2 2280 *2 (PCIe 3.0)
Other interfaces	Other interfaces	USB-A 3.2 Gen1*1/USB-C 3.2 Gen1 with DP1.4*1/SD 3.0*1/CFe Type-B*1 (PCIe 2.0) /M.2 NVME 2280*2 (PCIe 3.0)
Wi-Fi	Wi-Fi	Wi-Fi 6
BT	BT	BT 5.2
Power	power interface	USB-C
	mains electricity	PD 12V/2.5A
battery	battery capacity	3000mAh
temperature	operating temperature	0~40 °C
	storage temperature	-25~85°C
exterior	product size	L156*W84*H23 (mm)
	weight	318g

CMIIT ID:25J44B1BX222

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

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.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.