

Quick Start Manual

H28K host

V1.0

Packaging inspection

- H28K x 1
- Quick Operation Manual x1
- Card Pin (SIM-eject tool) x1

Power supply

- DC12V/1A adapter
- DC-type C adapter cable
- 5V2A 12V1A
- Type C data cable

1



DC12V/1A adapter

+



DC-type C
adapter cable



2



5V2A 12V1A

+



Type C data cable



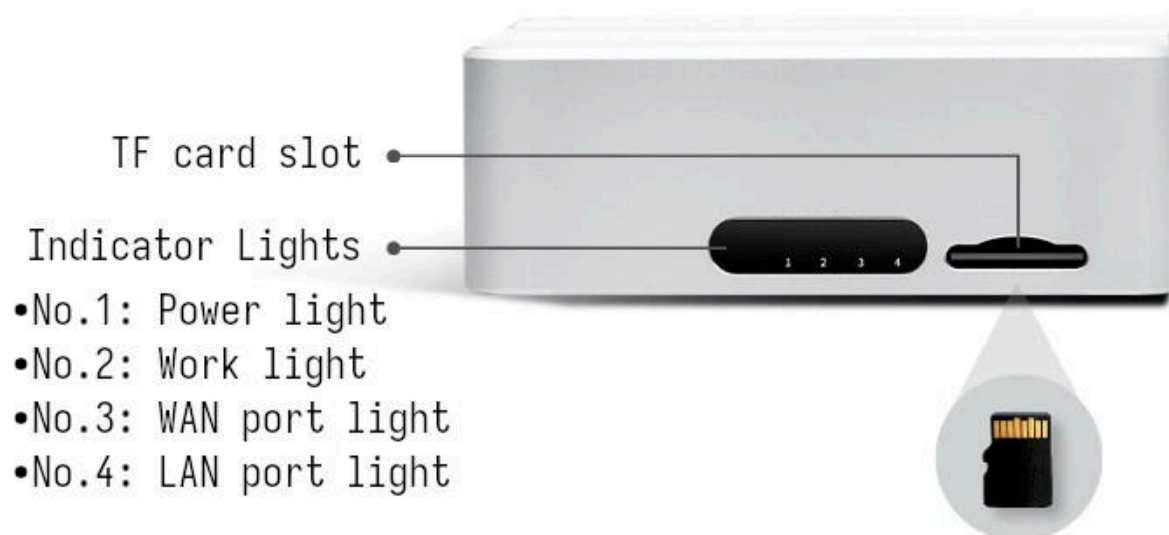
Remark:

1. Adapters and related cables must be provided by the user.
2. Choose good quality adapters and cables.
3. Working voltage range: $4.5V \leq H28K \leq 15 V$.

Interface Description

- WAN port
 - LAN port
 - USB2.0 interface
 - Burn-button
 - Type C power supply interface
 - TF card slot
- Indicator Lights:
 - No. 1 Power light
 - No. 2 Work light
 - No. 3 WAN port light
 - No. 4 LAN port light

Reminder: The gold finger of the TF card is facing up



Reminder: The gold finger of the TF card is facing up

Note: The product pictures on the page are for illustration only. The effect of the actual product may be slightly different. Please refer to the actual product.

Quick to use

step 1 To connect peripherals, if you need TF card storage, USB hard disk storage, or USB WIFI, please connect these devices before powering on.

Step 2 Connect the network cable. Network port 1 is the inlet, which is usually connected to the optical modem or home network port. Network port 0 is the outlet, usually connected to a wired or wireless router or computer.

Step 3 Connect the power supply, use a 5V or 12V TYPE-C interface power adapter, insert it into the TYPE-C interface, and observe that indicator light No. 1 is always on, and No. 2 flashes quickly to slow flashes and then to solid light, the system is booted successfully.

Step 4 Observe the light status and the indicators of network port 0 and network port 1. If the network port indicator lights up yellow, it means the connection is normal. The green light can be ignored. Observe indicator lights No. 3 and 4. If they are always on or flashing, it means normal.

Step 5 For computer access, connect the computer directly to port 0 of H28K, or connect port 0 of H28K to the LAN port of the router. Enter 192.168.100.1 in the computer browser to access the H28K backend. The default account is root and the default password is password. Enter the backend configuration. related information.

Special Note:

1. This step is based on the open source iStoreOS firmware, a routing storage system that everyone can use.

iStoreOS, a simple and easy-to-use system

Let you get a better network & storage experience at the same time

2. Consumers are responsible for any behavior beyond the default functions of iStoreOS firmware.

3. Please abide by laws and regulations and use it legally.

4. If USB storage or WIFI is used, a 12V power supply must be used to avoid insufficient power supply or line loss caused by using 5V, which may cause H28K and peripherals to be plugged in, restarted and damaged due to low power supply voltage or insufficient current.

common problem

Q: Will plugging or unplugging a USB hard disk or USB flash drive cause the device to restart?

A: Because hard disks and USB flash drives are heavy-load devices, momentary insertion will cause the 5V voltage to drop, causing the voltage to drop below 4.5V and trigger the H28K to restart. Therefore, 12V power supply must be used in this scenario.

Q: Can't the TF card be inserted?

A: The TF card is deep and needs to be pressed with an ejection pin.

A: The gold finger contact surface of the TF card is inserted backwards, with the gold finger facing up.

Q: The network port No. 34 light is not on or the mapping relationship between the two ports is wrong?

A: Firmware differences, please check whether the firmware is iStoreOS official firmware.

A: The network port connection is abnormal and the network is blocked.

Q: The yellow indicator light of the network port socket does not light up, but the yellow and green lights light up at the same time, or neither the yellow and green lights light up, or only the green light lights up?

A: The network port lights up yellow and green at the same time: the firmware is different. Please check whether the firmware is the official iStoreOS firmware.

A: The yellow indicator light of the network port is not on, or neither yellow nor green is on: the network port connection is abnormal and the network is blocked.

A: The network port only lights green: the network port connection speed may be 100Mbps or 10 Mbps mode. Please check the network cable connection and check the upstream and downstream equipment.

Q: Is the network port disconnected frequently or probabilistically?

A: There are compatibility issues between H28K and the network environment and the PHY chip.

A: The quality of the network cable is poor.

A: The method of installing the crystal plug of network cable may be unconventional.

Q: RK Rockchip Micro Tools cannot upgrade firmware?

A: Is RK Rockchip's computer driver DriverAssistant installed?

A: Does the firmware version match?

A: Does the USB TYPE-C download cable contain a data cable? Use the USB data cable to burn data.

A: Is the upgrade button pushed in? Is there a feeling of rebound when pressed (excluding button damage)

Safety instructions for use

Power requirements

- The operating voltage range is 4.5V to 15V, and the current depends on the load. There is no risk of burning when using high current. Attention should be paid to the operational risks of high voltage burning and low voltage storage damage, both of which are human damage.
- If you use USB storage or WIFI, you must use a 12V power supply to avoid insufficient power supply or line loss caused by using 5V, which may lead to low

power supply voltage or insufficient current for H28K and peripherals, causing plug-in, restart, and damage to the equipment.

Requirements

- Please place the device on a stable surface.
- Please transport, use and store the device within the permitted temperature and humidity ranges. Do not place the device in places with unstable conditions such as moisture, dust, extreme heat, extreme cold, strong electromagnetic radiation, etc.
- Users are advised not to let water or any liquid flow into the device when using it to avoid damage to internal components. During transportation, storage and installation, it is necessary to prevent damage to the product caused by heavy pressure, severe vibration, immersion, etc.

Operation and maintenance requirements

- Please do not disassemble this device. There are no user-serviceable parts inside.
- Do not use excessive force to plug or unplug the interface to extend the service life of the device.
- Products containing built-in batteries should not be exposed to sunlight, fire or similar overheating environments. Keep away from heat sources and keep them ventilated.

Warranty instructions

The warranty card applies to the same series of products you purchased.

1. During the warranty period, if there is any failure caused by the product itself, please contact the after-sales service.
2. Please keep the equipment warranty card properly after purchasing the equipment. You can enjoy free maintenance during the warranty period, otherwise it will not be processed.
3. We will use your warranty card information during warranty, please fill it out carefully.
4. Warranty and replacement are limited to the host machine.
5. If there are equipment performance problems within 7 days after the product is purchased, and the appearance is not scratched and the label is not torn, you can directly replace it with a new product. During the free warranty period, the product is subject to after-sales testing, and after confirming that the fault is not caused by man-made problems, it will be repaired or replaced with a refurbished product of the same model free of charge. The replaced

defective product will belong to the after-sales service; non-faulty products will be returned in their original condition. If man-made damage is confirmed, the repair price needs to be communicated.

6. Regarding after-sales freight: Regardless of whether the product is within the warranty period or whether the product is artificially damaged, the buyer shall bear the post-sales freight and the seller shall bear the post-sales return freight. The after-sales service refuses all express delivery.

7. The following situations are not covered by free warranty:

- Warranty period.
- Product damage or malfunction caused by failure to install, use, store and maintain in accordance with the user guide.
- Altering or tearing off product labels without authorization.
- Without permission, modify the inherent hardware and appearance of the product itself, or disassemble and repair the product without permission.
- Product damage caused by human behavior or accidental factors, such as input of inappropriate voltage, falling, extrusion, water immersion and mechanical damage, etc.
- Damage caused by force majeure such as floods, fires, earthquakes, lightning strikes, etc.
- Damage caused by transportation, loading and unloading when the user returns the product for repair.
- Other malfunctions or damages not caused by the design, manufacturing, quality and other issues of the product itself.