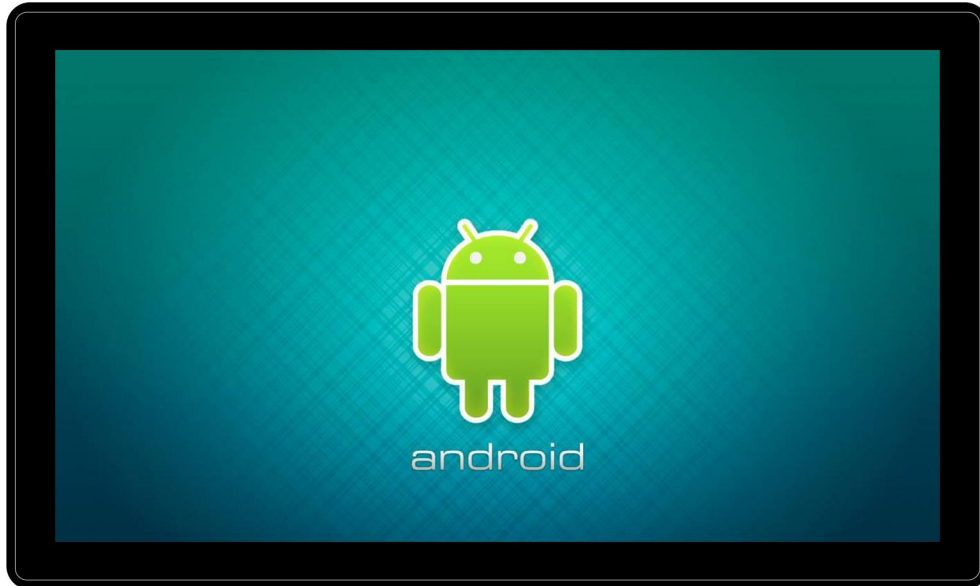


User Manual

all-in-one



Precautions

1. Please use the power adapter that comes with it, and if you need it, please pay attention to provide a qualified power supply.
2. Do not put the machine in the sun, nor do you store or use it in a cold, hot or humid place.
3. When using, the display screen should be protected from strong light to ensure the image effect and long-term use of the machine.
4. Although there are anti-shock protection measures inside the machine, it should also avoid violent collisions.
5. The all-in-one machine equipped with touch function should avoid using metal objects during operation to avoid damaging the surface of the touch screen.
6. Do not use chemical reagents or solvents to scrub the machine, use a soft cloth to wipe off the dust on the machine to ensure that the case is not scratched.
7. There are no user-adjustable components in the machine, non-professionals, please do not open the machine by yourself or try to repair the product by yourself to avoid unnecessary damage.

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1. Product Features



1. DC 12V input voltage interface
2. USB2.0 interface
3. USB OTG interface
4. HDMI output port
5. 3.5mm audio output port
6. LAN input port

2. Matching power supply

- 1). The power cord with the prefix of the national standard
- 2). DC 2.5 interface power adapter



●Connection between the adapter and power cord and the unit

- 1). Insert the matching prefix power cable into the corresponding interface of the power adapter, make sure that it is in good contact, and then plug the DC2.5 power input terminal at the other end into the DC power input port of the device (product feature "1" position).
- 2). When using the machine, please use the power adapter that is supplied with the machine, if you need to use other types of power supply for other reasons, please note that the supply power should be not less than 60W DC12V±10% qualified communication power supply.

Precautions

Input: 100-240V

Frequency: 50/60HZ

Warning: Do not disassemble on your own

3. Technical parameters

display screen	TFT-LCD
CPU	RK3588S, Eight core 64 bit (4xCortex-A76+4xCortex-A55), with a maximum clock speed of 2.4GHz
RAM	LPDDR4X 1GB/2GB(default)/4GB/8GB
ROM	EMMC 8G(default)/16/32G/64G/128GB(Optional)
Memory expansion	Support up to 128GB TF card expansion
Ethernet	1 standard RJ45 interface, 10/100M adaptive Ethernet
WIFI/ Bluetooth	Onboard WIFI/BT module, support WiFi2.4GHz, support 802.11b/g/n protocol, support Bluetooth 5.0
operating system	Android11/debian/ubuntu18.04/ubuntu20.04/buildroot
Default physical resolution	1920*1080
Resolutions can be supported	3840*2160 (outputHDMI 2.0)
Average brightness	350 cd/m ²
contrast	1200: 1 (Translucent)
Viewing angle	89°/89°,89°/89° (Typ)
Pixel layout	RGB Vertical striated
Display mode	ADS (Long black display, transmissive)
Speaker output power	≥ 250mW/8Ω
Enter the supply voltage range	DC12V
Signal input channel	LVDS
Use ambient temperature	0 ~ 60°C
Store at ambient temperature	- 20 ~ 60°C

4. Troubleshooting common problems

1). No black screen is displayed

Please ensure that the power cord is securely connected to the machine without any looseness

2). The touch screen has no effect

Confirm whether the APP program is stuck, power off and restart the device.

3). No wired internet

Please check whether the network cable is plugged in tightly, and whether the network cable is unblocked..

4). No WIFI network

Please check if the WIFI antenna is plugged in tightly.

■ **Remarks:**

If you still have other questions, please contact our relevant personnel.

FCC Statement

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 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.

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

Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

The FCC certification of this device refers to RF exposure testing performed in typical operating conditions, where a person is no closer than 20 centimeters from the device surface at all times, except for non-repetitive patterns with transient time intervals in the order of a second. Only in the stated conditions, the device is shown to fully comply with the FCC RF Exposure requirements of KDB 447498.