Mini PC
Product Manual

1.Disclaimer

- This product manual makes no guarantee, express or implied, regarding the accuracy, completeness, or reliability of any information or statements provided herein. The company and its employees shall not be liable for any direct, indirect, incidental, special, or consequential damages arising out of the use or inability to use this manual or the products described herein.
- It is essential to use the original power adapter provided with this product. The company shall not be liable for any issues or malfunctions caused by third-party power adapters.
- Users may utilize third-party-provided music, videos, images, and software. However, we do not assume any responsibility for copyright issues or software malfunctions.
- In case of product malfunction, we will strictly adhere to the warranty terms. However, we shall not be liable for any property damage or economic loss incurred during use.
- The software pre-installed in the product at the time of manufacture is intended for use after actual testing. Removing or retaining this software during compatibility testing or for any other reason will not affect the product, and it does not constitute a product quality issue.
- The product specifications and information provided in this manual are for reference only, including both hardware and software content.
- The company reserves the right to improve the product. Changes to product specifications and design may occur without prior notice, and the content will be updated accordingly. Please refer to the actual product for details.
- The company reserves the right to interpret and modify the product manual.

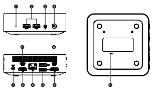
2.Precautions

- Please purchase and use memory and hard drives from reputable brands.
- Avoid placing the device near water sources or in damp areas such as bathrooms, kitchens, basements, or pools.
- Ensure the device is placed on a stable surface; dropping it may cause personal injury or damage to the device.
- Store and use the equipment in a cool, dry, and well-ventilated area, away from radiation sources and heat sources.
- Do not cover or block the ventilation holes on the casing. Do not place it on beds, sofas, blankets, or similar surfaces.
- The voltage range for operating the device is indicated on the rear shell label. If unsure about the supplied voltage, consult the dealer or local power company.
- When the device is not in use for an extended period, disconnect the power to prevent damage from lightning strikes during thunderstorms and abnormal power voltages. Use a reliable grounded socket and avoid overloading it, as it may cause fires or electric shocks.
- Do not insert foreign objects into the device, as it may cause fires or electric shocks.
- Do not dismantle or repair the product yourself to avoid the risk of electric shock. If there is a malfunction, contact the after-sales service personnel directly.
- Avoid excessive pulling or twisting of the power cord.
- If the adapter power cord is damaged, it must be replaced with a specialized component purchased from its manufacturer or repair department.
- To minimize interference with wireless radios and other electronic devices, use peripherals that meet standards and shielded cables between system components.
- Product storage temperature: -15°C to 45°C.
- Only use batteries approved by the manufacturer. Replacing with the wrong battery model may compromise safety measures, leading to risks such as explosions or fires.
- Do not expose the battery to extremely high temperatures, such as sunlight, fire, microwave ovens, or ovens, as it may cause explosions or leakage of flammable liquids or gases.
- Do not disassemble, crush, squeeze, or cut the battery, as it may cause explosions.
- Do not expose the battery to extremely low pressure, as it may cause the battery to explode or leak flammable liquids or gases.

- If the battery becomes severely swollen, discontinue use immediately.
- Do not swallow the battery, as it may pose a risk of asphyxiation or chemical burns.
- If you suspect the battery has been swallowed or placed in any part of the body, seek medical attention immediately.
- Do not dispose of batteries in household waste; comply with national regulations for the safe disposal of used batteries.
- This product contains button batteries. Ingesting button batteries can cause severe internal burns within 2 hours and may result in death.

Plastic Packaging Bag Safety Warning:
Keep plastic packaging bags out of reach of infants and children.

3.Product Introduction

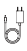


1. Power Indicator
2. USB-A 3.0 port
3. Headset jack
4. Power button
5. USB-C port
6. USB-C port
7. DC power interface
8. HDMI port
9. RJ45 port
10. USB-A 2.0 port
11. reset button

Note: The functions and interfaces mentioned in the above content may have certain differences due to the support of the actual model version. Please refer to the actual situation.

4. Packing list

MiniPC


Adapter

HDMI Cable

Product Manual

VESA Wall Mount

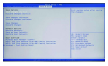
Screw kit

5.Basic parameters

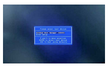
Product Name	MiniPC
Product Size	112 x 112 x 36 mm
Product Weight	~400g
Rated Input	12V3A, DC IN
Rated Power	15W
LED	LED Status Light
Interface Type	Front： 1 x Power button 1 x 3.5 mm Headset jack 2 x USB-A 3.0 Back： 2 x HDMI Port 1 x RJ45 Port 1 x 5.5mm DC Charging port 2 x USB-C Port 2 x USB 2.0 bottom： 1 x reset button
LAN	1000Mbps
Wireless	Wi-Fi 5
Operating Temperature	0~45°C
Working Humidity	-20%~70°C in non-condensing state

BIOS Setting

When the mainboard is powered on and the system is restarted,Press Delete to go to the BIOS Setup



Press F7 to Enter the Boot menu. You can use the left and right buttons to move options, press <Enter> to select, and use Page Up or Page Down Change the options. Press<F7>for help and <Esc> to exit. See the table below for details.



Control Key	Function Description
←/→	Move the left and right arrows to select the Program
↑ / ↓	Move the up and down arrows to select the items
+ / -	Increase/decrease the value or change the selection
<Enter>	Select this option to access the submenu
<Esc>	Return to the main screen, or end the CMOS SETUP program from the main screen
<F1>	The related auxiliary instructions are displayed
<F2>	Restore the previously set value
<F3>	Load optimization Settings (BIOS initial values)
<F4>	Save the changed CMOS Settings and restart

7. Troubleshooting

Fault phenomenon	Possible Causes	Solution
Unable to power on	No power	Check connections to power and plug and socket
Can not boot	Improper operation or virus caused operation system damage	Try to clear the virus and then set it up correctly custom operating system
The indicator light is on but there is no picture when connected to the monitor	Not using standard wires	Use standard wires to connect the monitorvideo interface
Screen does not display	Improper connection or operation	examine
After being properly connected and turned on, the monitor Image jumps or ripples appear	disturbed	Keep away from objects that may cause electromagnetic interference electrical equipment
Unable to enter the system when booting	System damage	Restore or reinstall the system
Running slowly	Too many files scattered	Use hard drive defragmentation tool to reOrganize your hard drive or programs on your hard drive
No sound when connected to audio interface	Sound card driver damaged	Reinstall the sound card driver
Wi-Fi weak signal	External interference or loose antenna interface	Clean the metal shielding aroundthe hostOr check the antenna connection
The fan is noisy	The fan has too much dust or the fixing screws Looseness causes position deviation	Please ensure that the air inlets on both sides and the rear The air outlet of the panel allows smooth air flow in and out. like If the problem still cannot be solved, please promptly send for repair
Press the power switch, the power light turns onextinguishes after a moment	The memory module is not inserted properly or is damaged.	Reinsert the memory module or replace the internal deposit slip
When installing the system, it shows that there is no hard disk	The solid state drive protocol is incompatible. unrecognizable	Check the protocol and plug-in of the solid state driveThe protocol supported by the incoming interface is Compatibleor not
System is unresponsive	The application is incompatible with the system or the system lack of resources	Press and hold the power button10 when the phone is on Force boot for more than 2 seconds and wait for the film Shortly press the power button to turn on
Unable to shut down	The application is incompatible with the system or the system Insufficient resources hinder opportunities	Press simultaneously Ctrl+Alt+Delete And restart or long press the power button Force shutdown or unplug after more than 10 seconds power cord to force a power disconnect

Mainland China ROHS

According to the "Management Measures for the Restriction of Hazardous Substances in Electrical and Electronic Products" of China Mainland, the following table lists the names and contents of hazardous substances that may be contained in this product:

	Hazardous Substances or Elements					
Component Name	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Circuit Board	×	○	×	○	○	○
Metal Casing	×	○	○	×	○	○
Metal Casing	○	○	○	○	○	○
Fasteners	○	○	○	×	○	○
Power Supply	○	○	○	×	○	○
Mounting Hardware	○	○	○	×	○	○
Cables	×	○	○	○	○	○
Connectors	×	○	○	×	○	○

*This table is prepared in accordance with the provisions of SJ/T11363.

O： indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in SJ/T11363-2006.

X： indicates that the content of the hazardous substance exceeds the limit requirements specified in SJ/T11363-2006 in at least one homogenous material of the component.

The environmental protection use period refers to the period during which hazardous substances or elements contained in microcomputers (excluding batteries) and their accessory components will not leak under normal use conditions, and the use of the product by users of electronic information products will not cause serious pollution to the environment or cause serious damage to their personal or property.

Under the conditions described in the manual, this electronic information product contains toxic and hazardous substances or elements that will not leak and cause environmental pollution or serious harm to personal or property for a period of 10 years.

This product is only suitable for use below 2000m.

This product is only suitable for use in non-tropical regions and is classified as Grade A. In living environments, this product may cause radio interference. In such cases, users may need to take feasible measures to address the interference.

The Management Measures for the Restriction of Hazardous Substances in Electrical and Electronic Products require the following statement: This electronic product contains certain hazardous substances, which can be safely used during the environmental protection use period. After the environmental protection use period expires, it should be recycled through the recycling system.

Indicative Notes on the "Regulations on the Management of Recycling and Disposal of Waste Electrical and Electronic Products"
In order to better care for and protect the earth, when users do not need this product or the product life has expired, please abide by the relevant national laws and regulations on the recycling and disposal of waste electrical and electronic products, and hand them over to a manufacturer with nationally recognized qualifications at that time for recycling. Improper use or disposal can have an impact on the environment and human health.

Chinese Environmental Labeling Product Advisory Instructions:

a. The statement that the product achieves zero energy consumption only when not connected to any external power source.
b. Ensure that replacement parts are provided within 3 years after the product is sold (only applicable to models certified by the Chinese environmental labeling).

China RoHS Conformity Assessment System Identification

SDoC

GB 4943.1-2022 Warning Requirements
For Class I equipment, use power plugs and grid connections with protective grounding.
When installing in buildings, ensure that the distribution system can provide a circuit breaker with a rated voltage of 120/240V and a maximum of 20A.

Attention:
Only applicable to products with batteries.
Replacing with the wrong type of battery pack may result in loss of safety protection.
Placing battery packs in fire or ovens, or mechanically squeezing or cutting them, may cause explosions.
Placing battery packs in extremely high-temperature environments may cause them to explode or leak flammable liquids or gases.
Battery packs subjected to extremely low air pressure may explode or leak flammable liquids and gases.
There is a risk of fire or explosion if the wrong type of battery pack is used for replacement.

Only applicable to products with button batteries.
Do not swallow button batteries.
This product (the remote control device provided with this product) contains button batteries. If a button battery is swallowed, it can cause severe internal burns within 2 hours and may lead to death.
Keep new and used batteries away from children.
If the battery compartment does not close securely, stop using the product and keep it away from children.
If you think a battery may have been swallowed or lodged in any part of the body, seek medical attention immediately.

This voucher is an important basis for product warranty.
Please keep it safe!

User Information	User Name	
	Add&Zip Code	
	E-mail	
Product Information	Model Name	
	Phone Number	
Sales Information	Distributor Name	
	Add&Zip Code	
	Phone Number	
	Sell date	

Maintenance Record Form

Repair Date	Fault Description	Fault Handling	Inspection Date	Technician's Signature

Dealer's Seal

FCC warning statements:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

项目名称	日期	版本	比例	单位
MiniPC_中性说明书_中英日	2024/04/25	V1.0	1:1	mm