

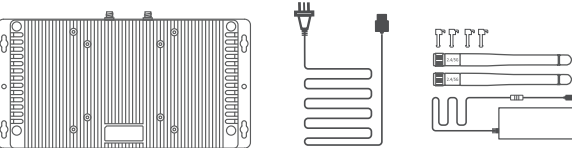
准备开始

本章首先教您如何将设备准备好，以便让您开始工作。接着概略地介绍设备的外观和组件。

开箱检查

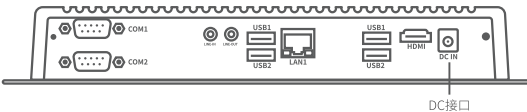
打开包装后，您应该会看到下列标准项目：

- B10R嵌入式工控机·电源线·电源适配器·挂钩·WiFi天线



连接电源

注意：仅限使用本产品随附的电源适配器。使用其他电源适配器可能会损坏您的设备。
第一次开机时必须连接AC 电源。

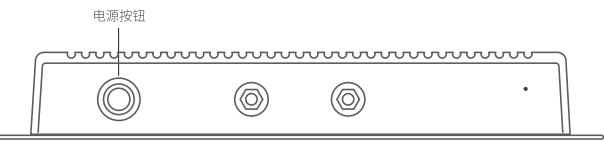


- 1.电源适配器的 DC头 插入设备的DC口内。
- 2.将电源线的母端口端插入电源适配器，公端口端插入电源插座。
- 3.电源插座通过适配器为设备供电。现在您可以打开设备电源。

设备开机和关机

开机

- 1.接上电源后工控机将自动开机。无需手动按下开机按键，操作系统 Android 将启动。

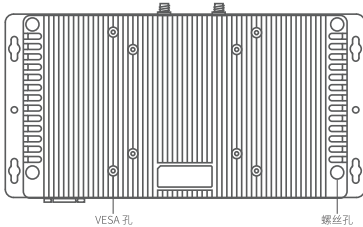


关机

在完成工作之后，您可以关闭电源或者让设备进入睡眠或休眠状态：

功能	方法
关闭电源	[ 电源]→[关机]
重启	[ 电源]→[重启]
息屏或唤醒屏幕	短按电源键

背面组件

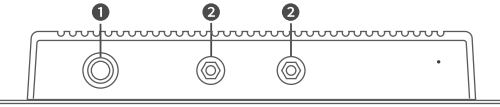


VESA 孔：用于配合 VESA 支架固定工控机。

注：出货不提供 VESA 支架，需要自行购买。

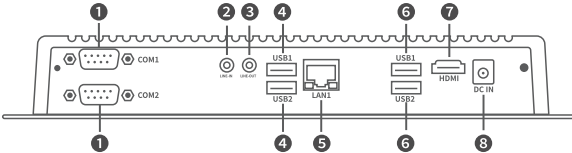
VESA 孔规格：直径 3.5mm，内孔距离 75mm，外孔距离 100mm。

顶部组件



符号	组件	说明
	物理开机按键（标配）	突发情况时可用物理按键开关设备
	Wi-Fi/BT外置天线、双天线（标配）	连接WiFi线束、接收WiFi信号

底部组件



符号	组件	说明
	RS232串口	使不同的设备可以方便地连接起来进行通讯
	Audio-in	音频输入
	Audio-out	音频输出
	USB2.0接口	用于传输数据
	RJ45网口	10/100/1000M 自适应
	USB3.0接口	用于传输数据
	HDMI接口	发送未压缩的音频及视频信号；高清多媒体接口 HDMI 是一种全数字化视频和声音发送接口
	DC接口	宽压设计，支持12V~24V电压输入

电源适配器

注意：

- 电源适配器仅供您的工控机使用。若挪作其它用途将可能损坏接上的电器或者适配器。
- 电源适配器所附的电源线为符合购买地的规格。若要在国外使用此工控机，请咨询经销商取得合适的电源线。
- 若欲拨开电源适配器时，必须先拔掉墙壁上的电源插头，再拔掉插在工控机上的电源接头，否则会使工控机及适配器受到外部电压冲击而受损。
- 拔掉插头时，请垂直 90° 插拔，切勿拉扯电线，应用手握紧着插头拔出。

由于您的工控机是以直流电运作，但是电源插座通常是提供交流电源，因此电源适配器的作用就是将供电来源的交流电转换为工控机所需的直流电。

适配器可在 100V 至 240V AC 的电压范围内运作。

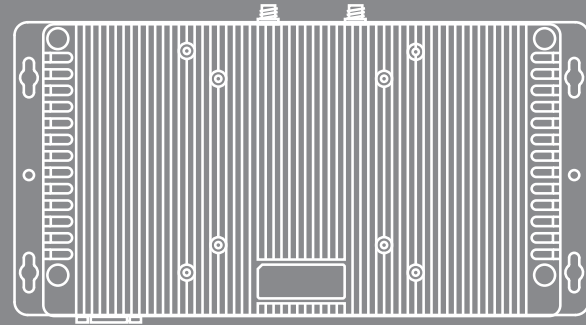
故障排除

设备问题可以是硬件、软件、或两者共同引起的。当您遇到问题时，它可能只是一个一般性问题，能够轻易就解决。本章告诉您在面临一般性问题时，该尝试甚么方法来解决。

初步检查要项

当您遇到问题时，不妨先做下列的初步检查，也许在此阶段即可解决问题:

- 试着找出问题的来源和类别。
- 确定您在设备开机之前已开启外设设备的电源。
- 如果外接的设备出现问题，请确认所有线路的连接是否正确而且牢固。
- 确定 BIOS中的设置完全正确
- 确定所有驱动程序已安装完成。
- 细观察实际的状况。屏幕上是否出现任何信息？指示灯的亮灯情形为何？当您必须寻求维修人员的帮忙时，您所提供的信息是越详尽越好。
- 如果按照本章中的说明进行操作后问题仍然存在，请与授权经销商联系以寻求帮助。

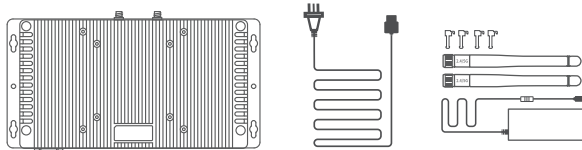


READY TO START

This chapter first tells you step by step how to get the device up and running. Then, you will find a section briefly introducing the external components of the device.

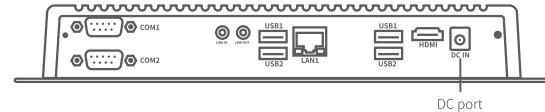
OPEN BOX TO CHECK

After unpacking, you should see the following standard items:
· B10R Embedded Box PC · Power Cord · Power Adapter · Hook · WIFI Antenna



CONNECT THE POWER SUPPLY

Note: Use only the power adapter provided with this product. Using other power adapters may damage your device.
It must be connected to the AC power supply when it is turned on for the first time.

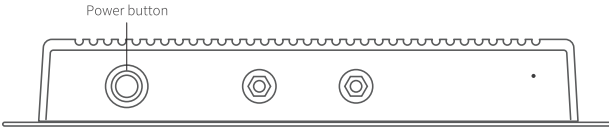


1. Insert the DC head of the power adapter into the DC port of the device.
2. Plug the female end of the power cord into the power adapter and the male end into the power outlet.
3. The power outlet supplies power to the device through an adapter. Now you can power on the device.

TURNING ON AND OFF THE DEVICE

START UP

1. After the power is connected, the Industrial Panel PC will start automatically. The operating system Android will start without manually pressing the power on button.

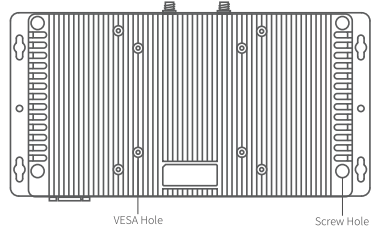


SHUT DOWN

After completing your work, you can power it off or leave it in Sleep or Hibernation mode:

FUNCTION	DO THIS
Shut down	[ Power] → [Shutdown]
Reboot	[ Power] → [Reboot]
Turn off or wake up the screen	Short press the power button

REAR COMPONENTS

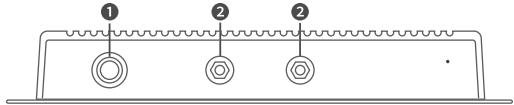


VESA Hole: Used to fix the panel PC with VESA mount.

Note: The shipment does not include a VESA mount; it can be purchased separately.

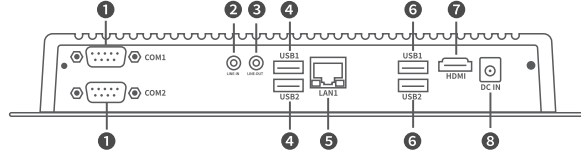
VESA Hole Specification: Diameter 3.5mm, Inner hole distance 75mm, Outer hole distance 100mm.

TOP COMPONENTS



SYMBOL	COMPONENTS	DESCRIPTION
①	Power Button (Standard)	The physical button can be used to switch the device on or off in emergencies
②	External Wi-Fi/BT antenna, dual antennas (standard)	Connect WiFi harness and receive WiFi signal

BOTTOM COMPONENTS



SYMBOL	COMPONENTS	DESCRIPTION
①	RS232 Serial Port	Make it easy to connect different devices for communication
②	Audio-in	Audio input
③	Audio-out	Audio output
④	USB2.0 Port	Used to transfer data
⑤	RJ45 Ethernet Port	10/100/1000M adaptive
⑥	USB3.0 Port	Used to transfer data
⑦	HDMI Connector	Sending uncompressed audio and video signals. HDMI is a fully digital interface for transmitting video and audio
⑧	DC Power Jack	Wide voltage design, supporting 12V~24V voltage input

POWER ADAPTER

Notice:

- The AC adapter is designed for use with your Industrial Panel PC only. Connecting the AC adapter to another device can damage the adapter.
- The AC power cord supplied with your Industrial Panel PC is for use in the country where you purchased your Industrial Panel PC. If you plan to go overseas with the Industrial Panel PC, consult your dealer for the appropriate power cord.
- When you disconnect the AC adapter, disconnect from the electrical outlet first and then from the Industrial Panel PC. A reverse procedure may damage the AC adapter or Industrial Panel PC.
- When unplugging the connector, please plug in 90° vertically, always hold the plug head. Never pull on the cord. The AC adapter serves as a converter from AC (Alternating Current) to DC (Direct Current) power because your Industrial Panel PC runs on DC power, but an electrical outlet usually provides AC power. It also charges the battery pack when connected to AC power. The adapter operates on any voltage in the range of 100~240V AC.

TROUBLESHOOTING

Device issues may be caused by hardware, software or a combination of both. When you encounter a problem, it might be a common issue that can be resolved easily.
This chapter tells you what actions to take when solving common computer problems.

PRELIMINARY CHECKLIST

When you encounter a problem, consider performing the following preliminary checks. You may resolve the issue at this stage:

- Try to identify the source and type of the problem.
- Ensure that peripheral devices are powered on before starting the device.
- If there is an issue with an external device, verify that all connections are correct and secure.
- Confirm that the BIOS settings are accurate.
- Ensure all device drivers are fully installed.
- Observe the actual situation closely. Are there any messages on the screen? What is the status of the indicator lights?

The more detailed information you provide, the better equipped repair personnel will be to assist you.
If the problem persists after following the instructions in this chapter, please contact an authorized dealer for further assistance.