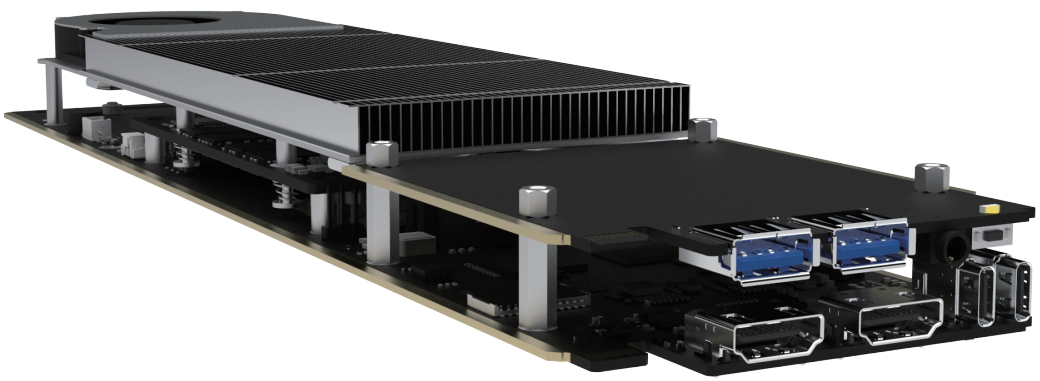
KILOVIEW®

AV over IP筑路人

快速入门手册

FXC - A8800计算卡

(V1.1)

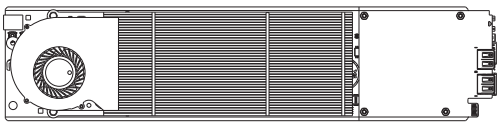


通过本手册，您可以了解到

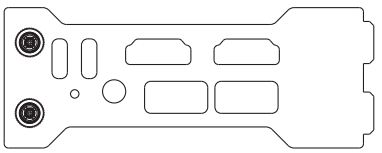
- 装箱清单
- 设备接口和功能
- 设备连接、登录和基本应用
- 设备升级和恢复出厂设置

在您正式使用本产品之前，建议您仔细阅读本产品使用说明书。为确保您的人身安全及避免设备受到物理或电气损伤，请严格遵照本说明书的指导或在专业人员指导下进行安装使用本产品。不正确的电气连接或物理安装方式将有可能造成设备的永久损伤，甚至威胁人身安全。由于产品不断升级更新，您所购买的产品可能与本手册的内容有所变更，请以包装箱内实际产品为准。

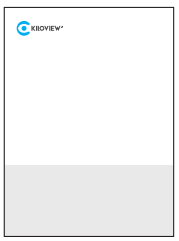
1 设备清单



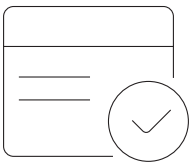
(1) FXC-A8800计算卡×1



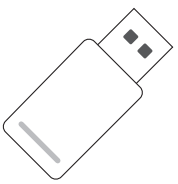
(2)挡板×1



(3)《快速入门》手册×1

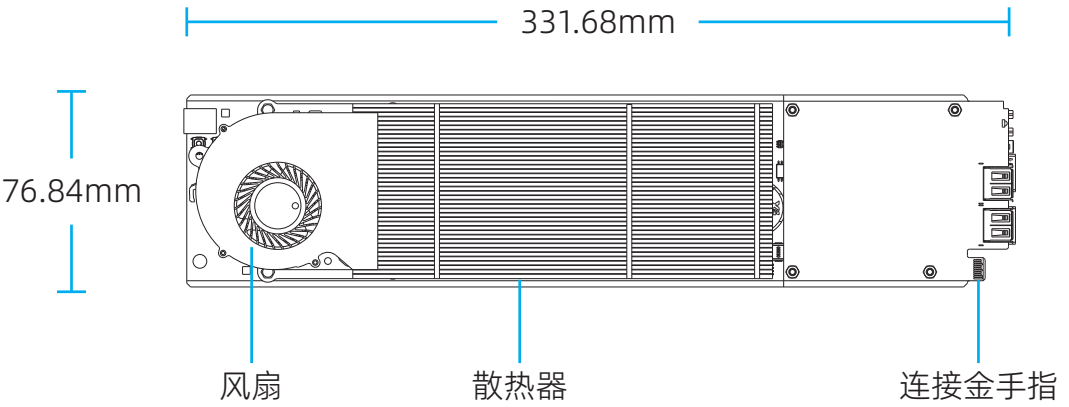


(4)合格证/保修卡×1

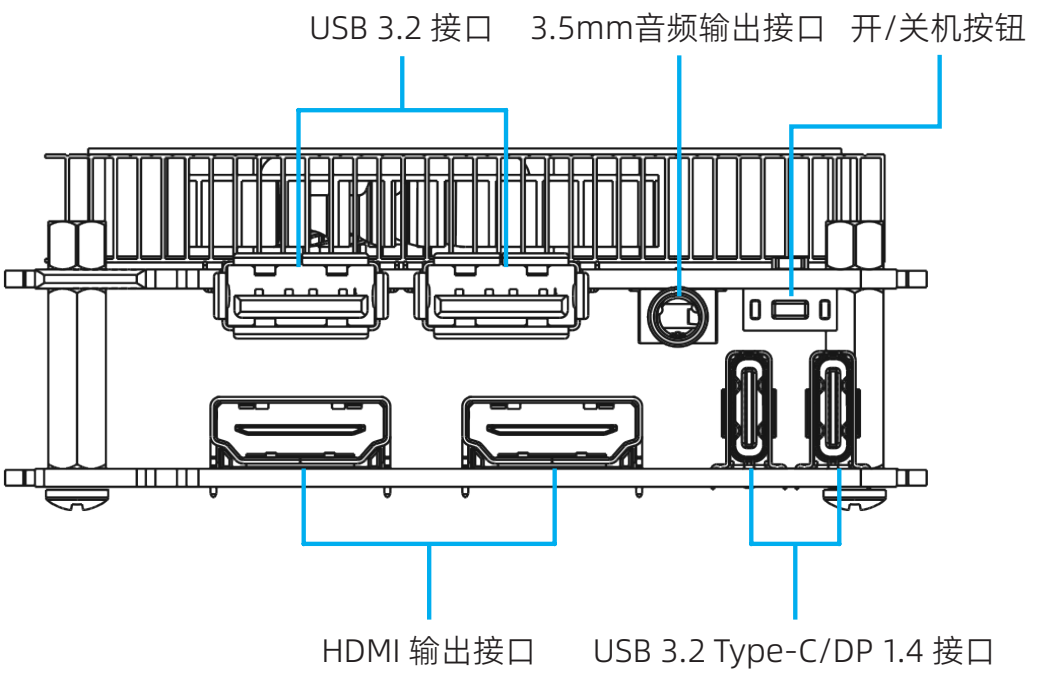


(5) 系统安装U盘×1

2 设备接口



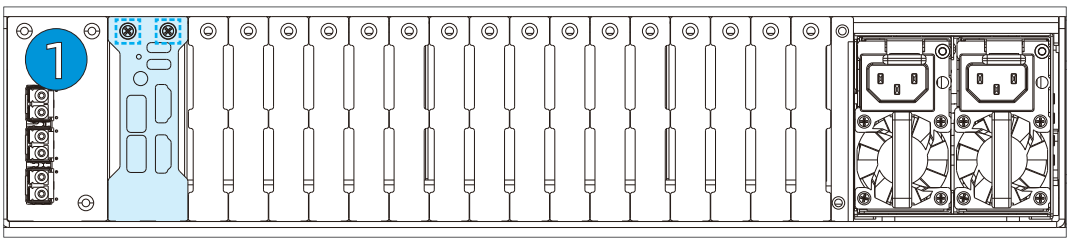
FXC-A8800计算卡形态图



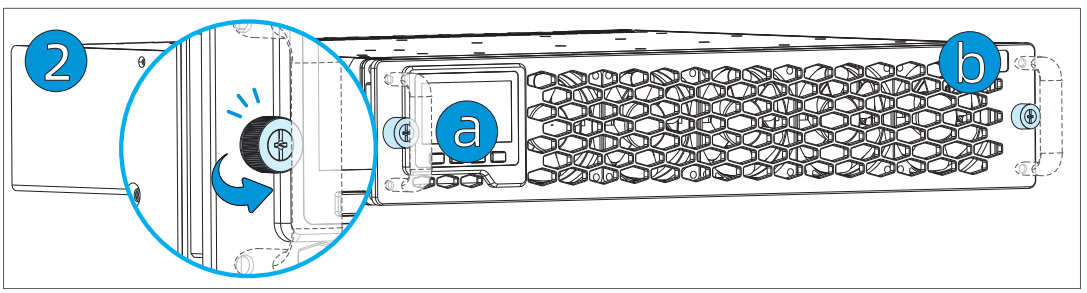
FXC-A8800计算卡接口图

3 板卡安装

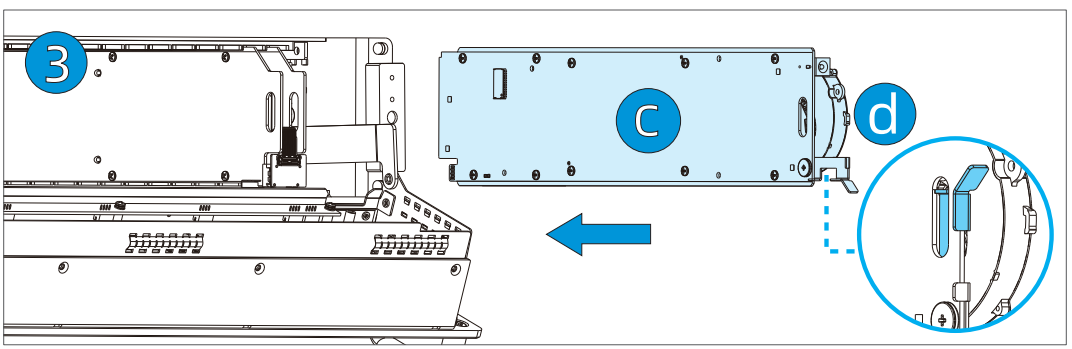
步骤1：拆除RF02上对应安装位置的后挡板。并安装计算卡对应的挡板。



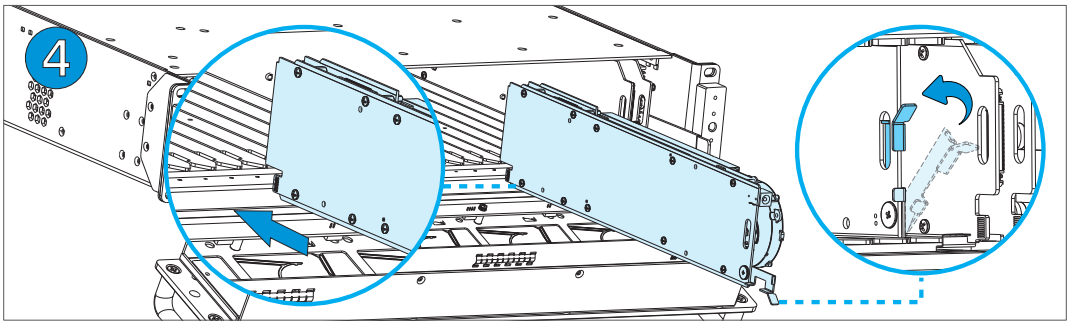
步骤2：将RF02前面板两个手拧螺丝（a和b）拧开，打开机框。



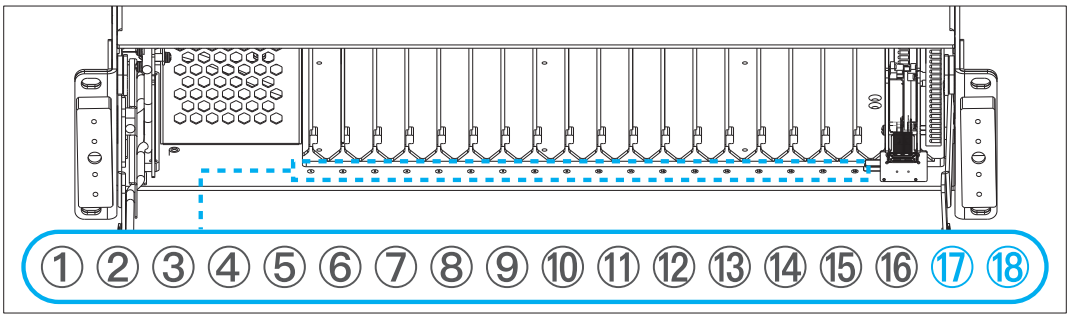
步骤3：找到计算卡尾端的金属锁扣 (d)。向右拨动锁扣，然后向下拨动以释放锁紧装置。



步骤4：将计算卡 (C) 对齐卡槽（短Pin金手指朝下）。此卡需占用两个卡槽。将计算卡水平推入直至到底。向上拨动金属卡扣，然后向左拨动以锁紧。最后关闭前面板。



在安装前，请先确认卡槽编号。RF02 机框的每个卡槽插位都印有数字编号，位于机框底部，卡槽下方，如下图所示，请根据编号选择正确的卡槽。

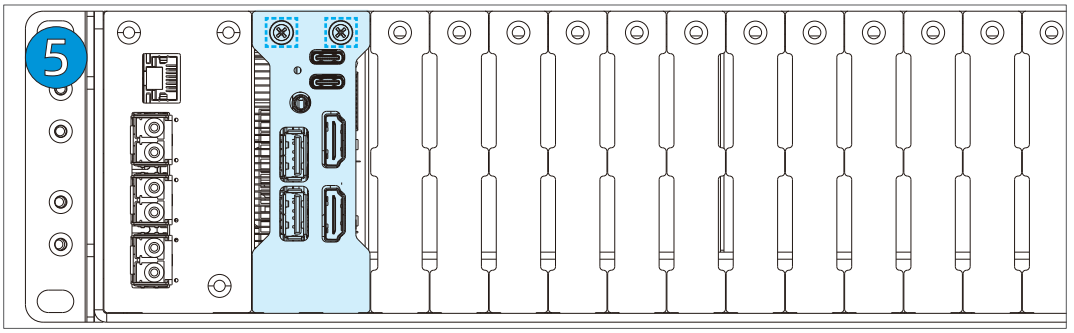


注意

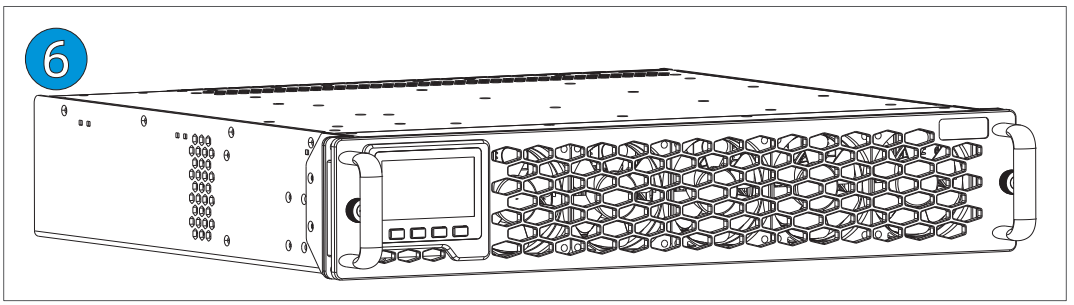
● 因结构设计， FXC-A8800 计算卡无法插入 4-5， 10-11， 16-17， 三个卡槽组合位， 强行插入可能会有损坏接口风险。

● 若使用单个 FXC-A8800 计算卡， 推荐插入 17-18 号卡槽组合， 支持 10Gbps 速率， 插入其他卡槽最高仅支持 2.5Gbps。

步骤5：在RF02后盖安装配套的计算卡挡板并拧紧螺丝。



步骤6：拧紧两个手拧螺丝a和b，安装完成。



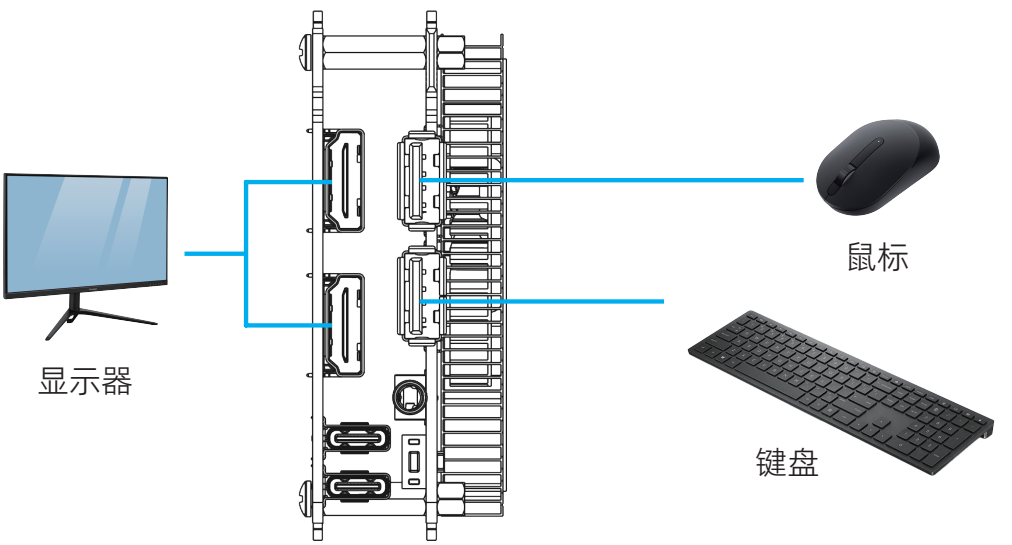
拆卸时，将RF02前面板2颗手拧螺丝松开，松开金属卡扣(d)平行抽出计算卡(c)。

Kiloview 将持续为 FXC-A8800 计算卡提供问题修复以及更新。 访问：
https://www.kiloview.com/cn/support/download/ 在筛选列表中，选择“**机架式编解码器**”>“**FXC-A8800**”， 并在 “**程序**” 标签中找到最新的资料查看下载。

4 系统安装

4.1 FXC-A8800计算卡外接键盘鼠标使用

计算卡可以通过其扩展口，接入外接键盘、鼠标、显示屏来进行操作使用。



4.2 计算卡操作系统安装

计算卡出厂不预装操作系统， 可使用附带的系统安装 U 盘进行安装。

本计算卡基于 x86 架构， 兼容多种操作系统。 为确保障硬件性能与兼容性， 我们推荐并已验证以下系统 （安装 U 盘中已提供其镜像）：

- Windows 10/11 (专业版、 企业版、 物联网版)
- Linux (Ubuntu)

如需安装其他系统版本， 请自行准备相应镜像文件。

硬件连接： RF02 启动后， 将系统安装 U 盘插入 FXC-A8800 计算卡的 Type-C 接口， 并同步接入显示屏、 键盘和鼠标 。

BIOS 引导： 开机进入 BIOS 界面， 将启动项设为 U 盘优先， 引导进入安装程序。

系统部署： 系统部署： 按照引导提示完成操作系统 （Windows 或 Linux） 的安装 。

联动管理： 系统安装完成后， 务必安装 RF02 客户端程序， 以激活计算卡与 RF02 机框的联动管理功能 。

提示

- 在附赠 U 盘中附带 RF02 客户端安装程序
- 可访问 https://www.kiloview.com/cn/fxc-a8800-compute-card 下载 RF02 客户端
- 系统安装详细操作步骤请查看 《用户手册》
- 请务必先给计算卡安装操作系统和 RF02 客户端， 保证 RF02 可管理计算卡

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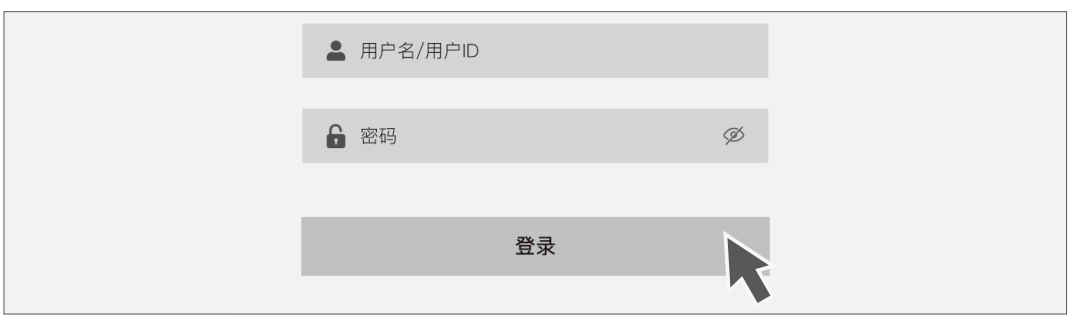
5 发现设备

RF02 机框具备设备发现功能。插入计算卡后，RF02 将自动识别其设备信息与 IP 地址。 可以通过 RF02 的前面板 的 " < " ," > " 键 浏览菜单，切换到设备列表界面，查看 RF02 中接入的所 有 FXC-A8800 计算卡设备信息。



6 设备管理

RF02 正常启动开机后，支持通过 WEB 管理系统来单独操作和管理板卡。正常开机后，在 WEB 浏览器地址栏输入 https:// RF02 的 IP 地址 /，登录 RF02 的设备管理平台，在 RF02 的设备管理栏目中，可直接点击要管理的 FXC-A8800 计算卡。



注意

- RF02 平台默认登录用户名是 admin， 默认密码是 admin。
- 为保证信息安全， 初次登录须立即修改密码



7 使用设备进行工作

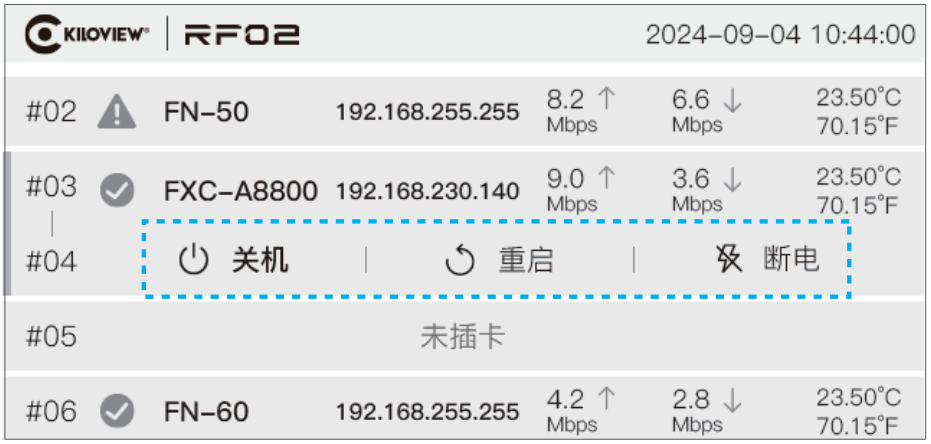
7.1 通过LCD屏幕启动FXC-A8800计算卡

从 RF02 LCD 屏幕进入到设备列表，按下确认“○”按键，可进入设备选择和操作状态，按“ <”“ >”选择需要操作的 FXC-A8800 计算卡。

当处于编辑模式下时，按下 “ <”按键，结束编辑模式，默认计算卡插入 RF02 中使用会自动开机，当计算卡处于开机模式下，可以进行“关机”“重启”“断电”三个操作。当计算卡当前处于关机状态时，相应的界面上将只显示“开机”选项，该选项用于执行开机操作。

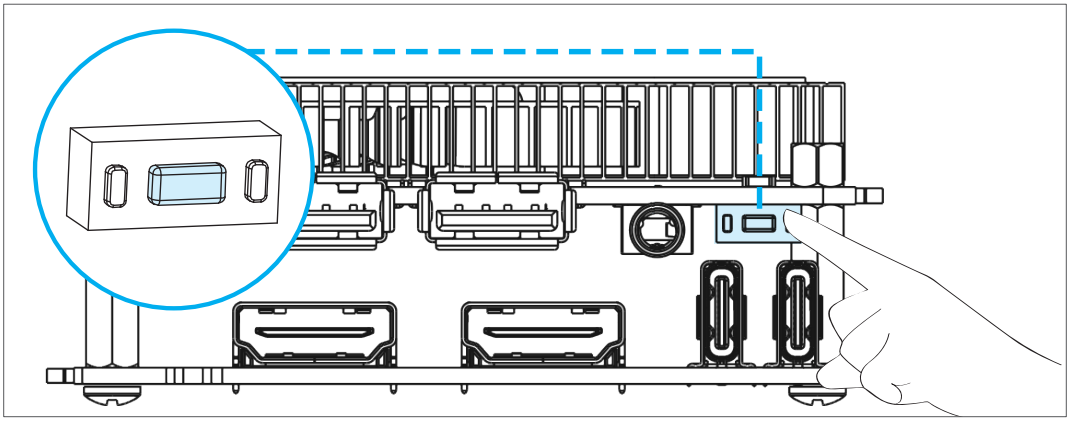
注意

- “关机” 操作为正常的计算卡关机流程。
- “断电” 操作会强制立马关闭计算卡， 请谨慎使用。



7.2 手动开启FXC-A8800计算卡

若计算卡插入RF02开始工作后未自动开启，可以通过FXC-A8800计算卡外置开机按钮启动，手动开机轻按下按钮即可，指示灯亮起表示开机成功，手动关机长按按钮5秒左右，指示灯熄灭表示关机成功。



注意

- 此功能不推荐日常使用， 仅限于计算卡无法通过 RF02 启动时使用。

7.3 通过RF02操作使用FXC-A8800计算卡

RF02 的主控板为计算卡提供了一种 安全、免外设的远程操作方式。 用户可以直接通过RF02网页访问和操作计算卡，无需连接键盘、鼠标或显示器。

操作说明提示：

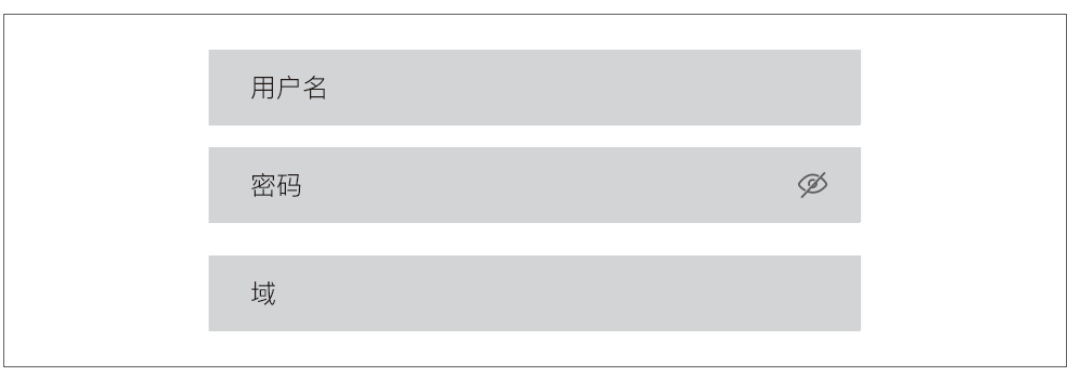
1.操作系统安装成功后，请设置账户用户名和密码，并在系统设置中手动开启远程桌面服务。

2.RF02平台使用远程桌面操作计算卡时，需要输入计算卡的系统账户密码。

3.计算卡未加入域，此栏目可以不填。

4.进入RF02管理平台，选择“管理”模块，在设备列表中选中需要操作的计算卡，点击操作按钮开启远程桌面功能。





8 其他

FXC-A8800 系列是专为 Kiloview RF02 机框设计的模块化计算机。该系列产品基于高性能 AMD Ryzen Embedded 8000 处理器平台，通过不同的型号尾缀区分核心计算性能，配置了高速网络、多路视频输出等 专业接口，旨在广播电视、现场制作、边缘计算等场景中，提供高密度、高性能、易管理的集成化计算解决方案。

提示

● FXC-A8800 型号尾缀表示使用 CPU 型号系列，例如 A8800 表示采用 AMD Ryzen Embedded 8845HS 处理器。

注意

若设备长期闲置，为延长其使用寿命，请在断电后将其从 RF02 机框中取出，并妥善保管。

获取更多关于 FXC-A8800 计算卡的使用帮助请访问 Kiloview 官方网站地址

https://cn.kiloview.com/products/rack/fxc-a8800



长沙千视电子科技有限公司

https://www.kiloview.com

湖南省长沙市雨花区汇金路877号嘉华智谷产业园长沙屿B1-101/102号

邮箱：support@kiloview.com　联系电话：18573192787

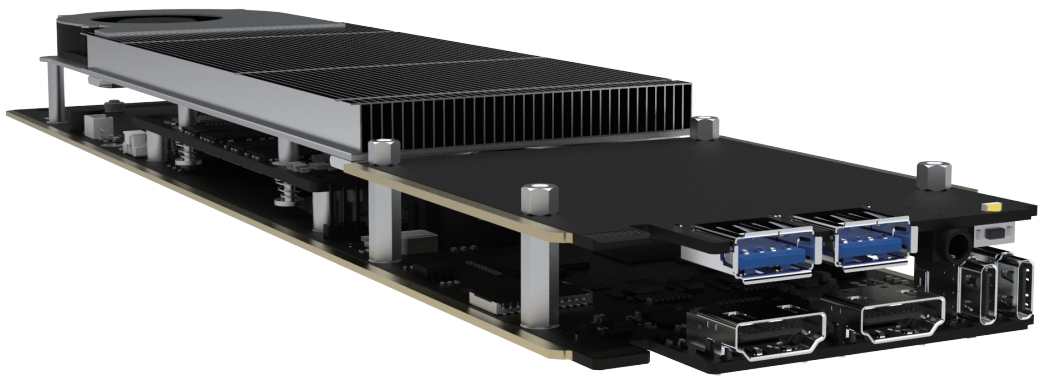
KILOVIEW®

AV over IP Trailblazer

Quick Start Guide

FXC - A8800 Computing Card

(V1.1)



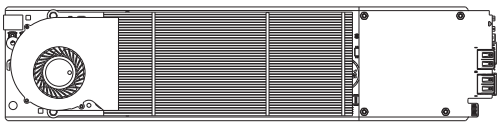
With this manual, you will know:

- Packing list
- Device interfaces and functions
- Device connection, login and basic applications
- Device upgrades, and restoring factory settings

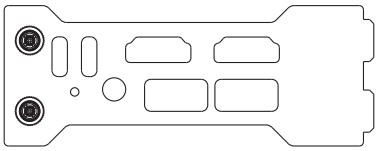
Before using this product, please read this manual carefully. To ensure your safety and avoid physical or electrical damages to the device, please strictly follow the instructions of this manual to install and use it under the guidance of professionals. Incorrect electrical connections or improper installation may cause permanent damages to the device and even threaten personal safety.

Due to continuous upgrades and updates, there may be differences between the purchased product and this manual. Please refer to the actual product in the packaging box. When using for the first time, be sure to carefully review the license agreement.

1 Packing List



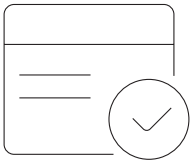
(1) Computing card plate ×1



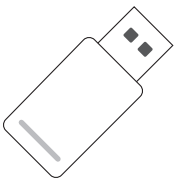
(2)Computing card baffle ×1



(3) Quick Start Guide ×1

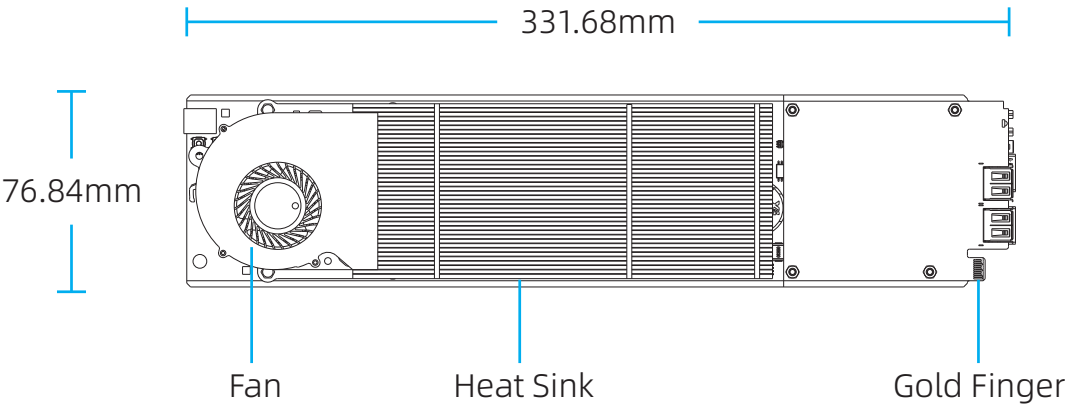


(4) Certificate / Warranty Card ×1

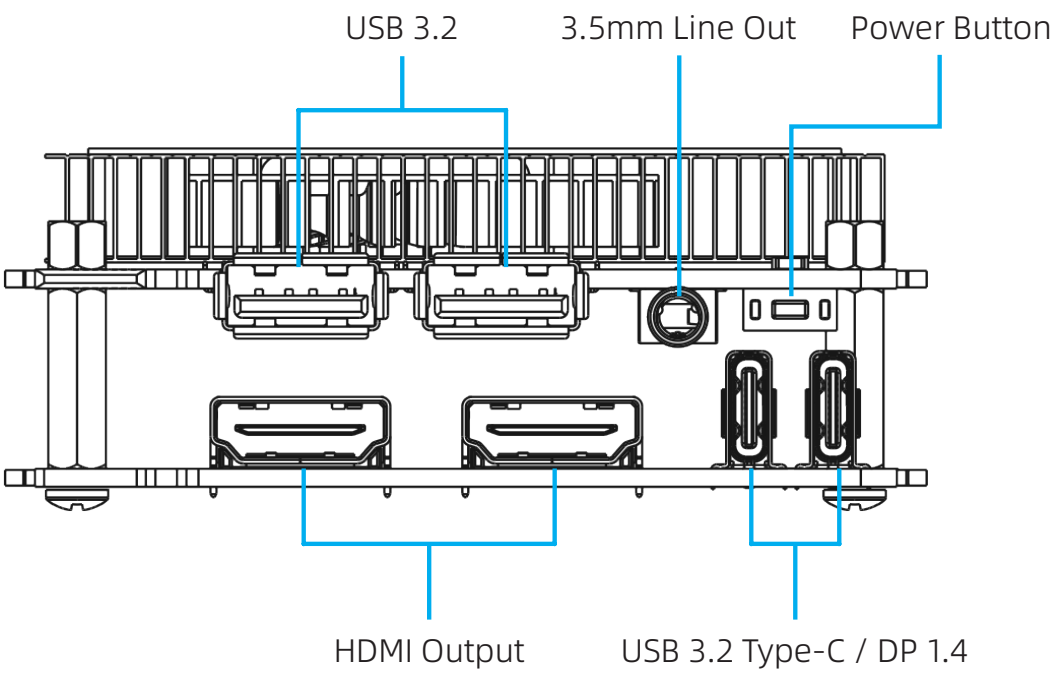


(5) System installation USB flash drive ×1

2 Device Interfaces



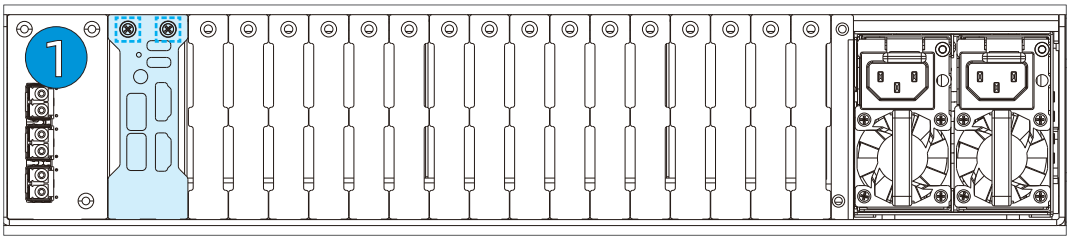
FXC-A8800 computing card form factor diagram



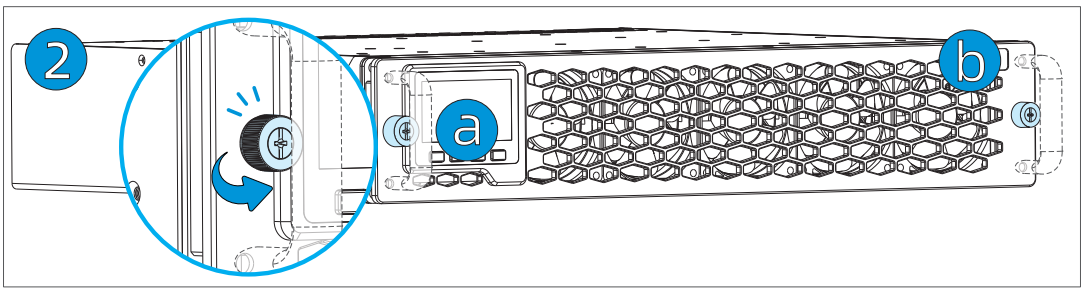
FXC-A8800 Computing Card Interface Diagram

3 Board installation

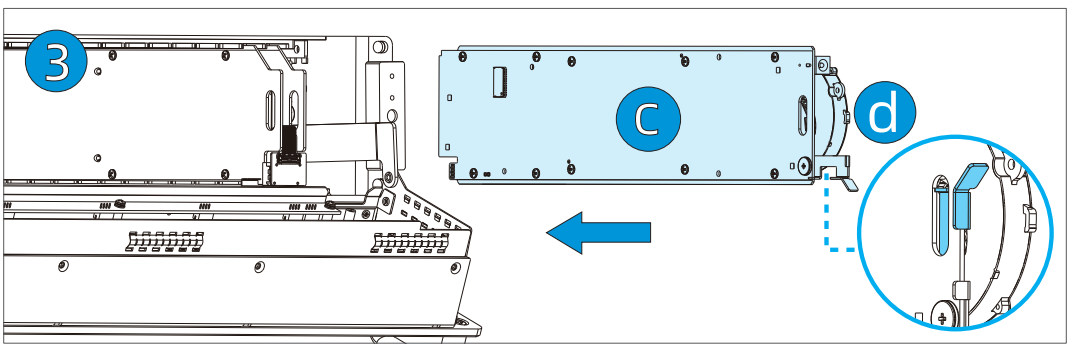
Step 1: Remove the rear cover at the corresponding installation location on RF02 . Then install the cover corresponding to the computing card .



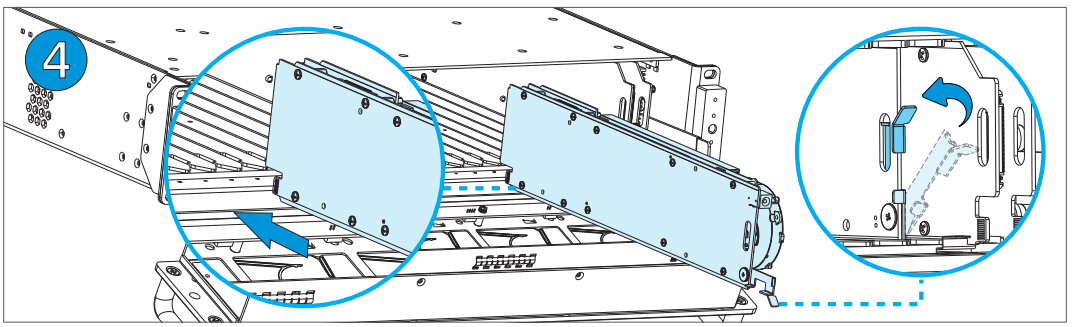
Step 2: Unscrew the two thumb screws (a and b) on the front panel of RF02 to open the frame.



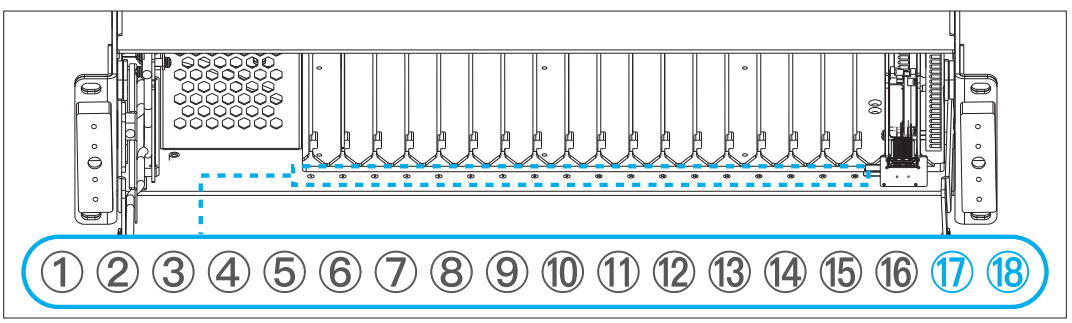
Step 3: Locate the metal latch (d) at the end of the calculation card, move the metal latch to the right, and then move it down to release the locking device .



Step 4: Align the computing card (C) with the card slot (short pin gold fingers facing down). The computing card needs to occupy two RF02 card slots. Push it in parallel to the bottom, move the metal buckle upwards, and then pull it to the left to lock it in place. Close the front panel.



Before installation, please confirm the card slot number. Each card slot on the RF02 chassis is printed with a number and is located on the bottom of the chassis, below the card slot, as shown in the figure below. Please select the correct card slot according to the number.

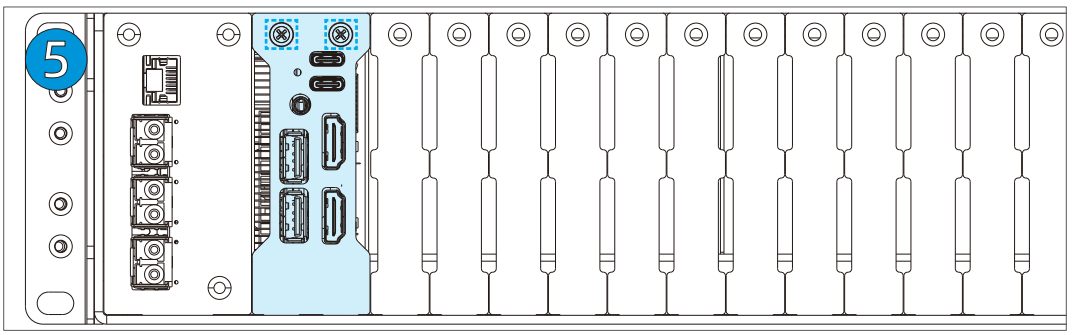


Notice

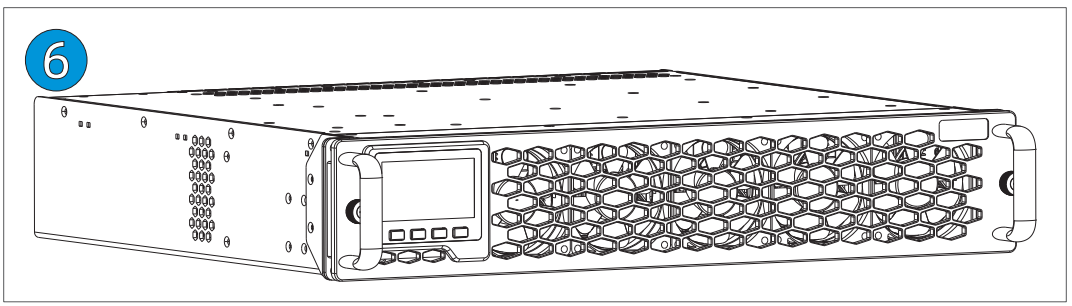
● Due to its structural design, the FXC-A8800 computing card **cannot be inserted** into combination slots 4–5, 10–11, and 16–17. Forcing insertion may **damage the interfaces**.

● When using a **single FXC-A8800 computing card**, it is recommended to insert it into **slots 17 and 18**, which support a **network bandwidth of 10 Gbps**. Inserting the card into other slots will limit the **maximum network bandwidth to 2.5 Gbps**.

Step 5: Install the matching computing card cover on the RF02 back cover and tighten the screws.



Step 6: Tighten the two hand screws a and b to complete the installation.



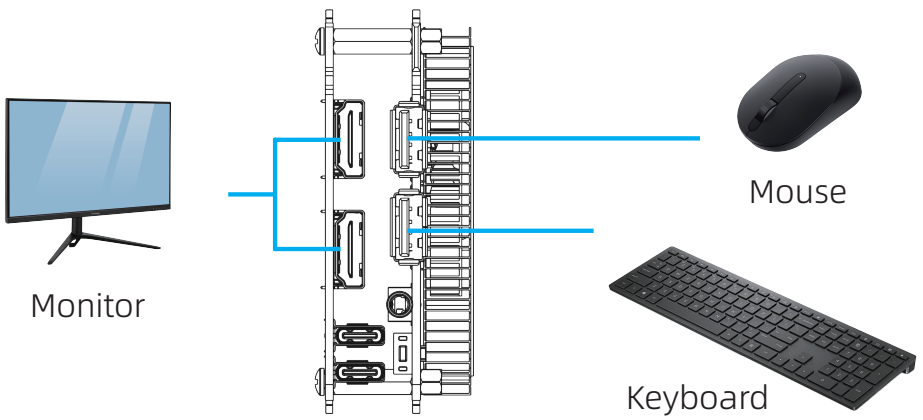
During disassembly, loosen the two thumb screws on the front panel of RF02, release the metal clip (d), and pull out the calculation card (c) in parallel.

Kiloview will continue to provide bug fixes and updates for the FXC-A8800 compute card. Visit: https://www.kiloview.com/en/support/download/In the filter list, select "Rack-Mounted Codecs" > "FXC-A8800", and find the latest documentation in the "Programs" tab to view and download.

4 System installation

4.1 Using an external keyboard and mouse with the FXC-A8800 computing card

The computing card can be operated by connecting an external keyboard, mouse, and monitor through its expansion port.



4.2 Computer card operating system installation

4.2.1 Operating System Installation Overview

The computing card is shipped **without a pre-installed operating system**. You can install the OS using the **included system installation USB drive**.

4.2.2 Supported Operating Systems

This computing card is built on an **x86 architecture** and supports a broad range of operating systems.

To ensure optimal hardware performance and compatibility, we recommend the following verified systems. Their installation images are already provided on the system installation USB drive:

- **Windows 10/11** (Professional, Enterprise, IoT Editions)
- **Linux Ubuntu**

If you wish to install other operating system versions, you may prepare and load the required installation images yourself.

4.2.3 Installation Instructions

Hardware : Power on RF02. Connect USB drive and peripherals to FXC-A8800.

BIOS: Enter BIOS and set the USB drive as the primary boot device.

OS Install: Install the Operating System onto the FXC-A8800 card.

Software: Install RF02 client to enable card-unit communication.

Reminder

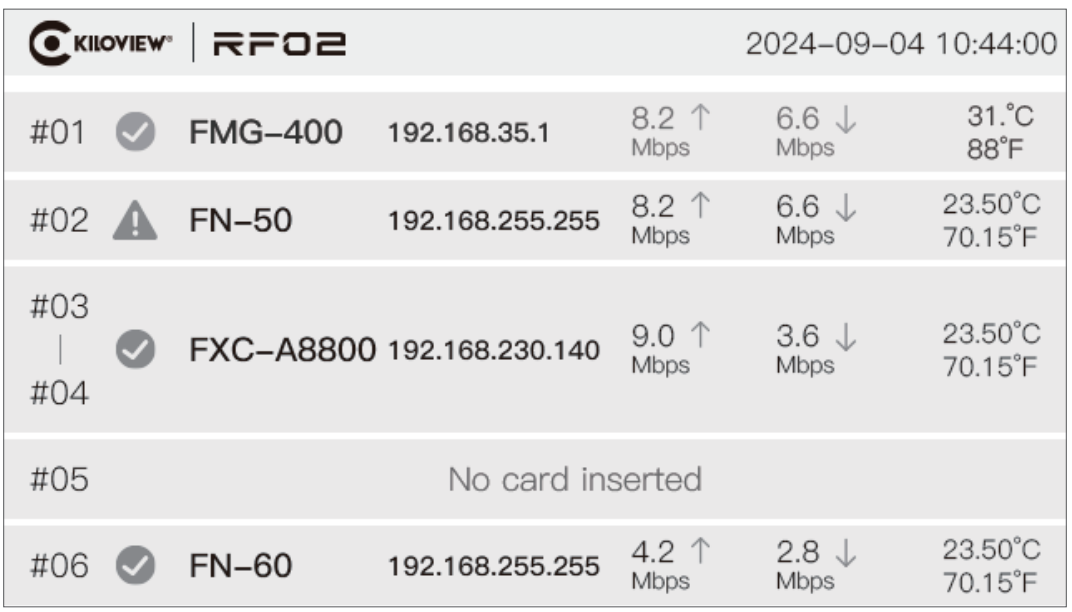
- An RF02 client installation program is included on the bundled USB drive.
- The RF02 client can be downloaded from https://www.kiloview.com/en/fxc-a8800-compute-card.
- For detailed system installation instructions,please refer to the User Manual.
- Please ensure that the operating system and RF02 client are installed on the computing card first to guarantee that RF02 can manage the computing card.

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5 Device Discovery

The RF02 chassis includes a **built-in device discovery feature**. Once a computing card is inserted, the RF02 automatically detects the card and retrieves its **device details** and **IP address information**.You can navigate the front panel menu using the “ < ” and “ > ” keys.

Enter the **Device List** interface to view all detected **FXC-A8800 computing cards** installed in the RF02, along with their corresponding device information.

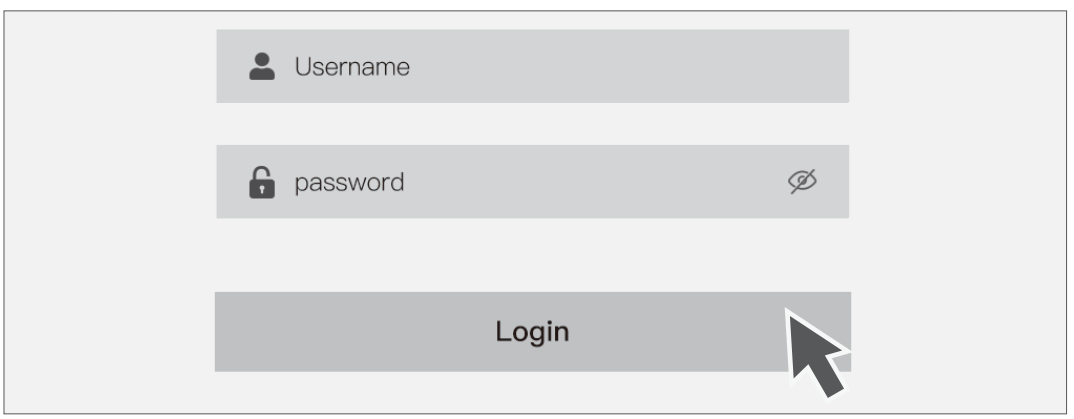


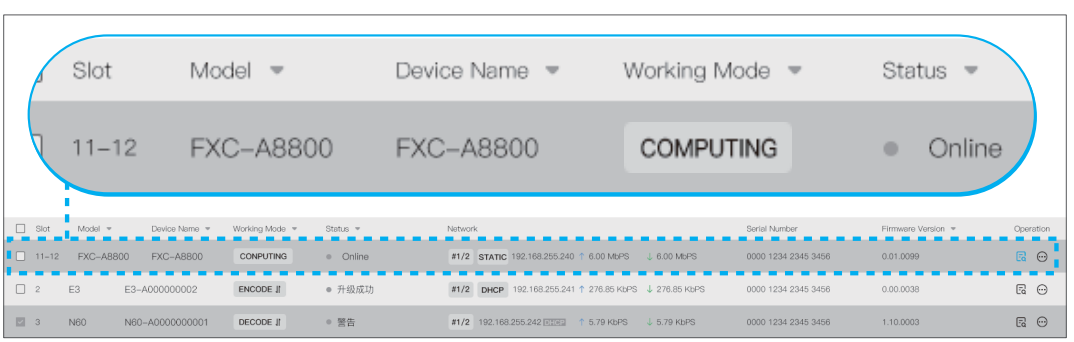
6 Equipment Management

After the RF02 has booted up normally, each installed card can be managed individually through the **web management interface.**

To access the RF02 management platform, open a web browser and enter: **https://[RF02 IP Address]/**

Once logged in, navigate to the **Device Management** section. Click on the desired **FXC-A8800 computing card** to perform configuration and management operations.





Notice

- The **default username and password** for logging into the RF02 web management platform are both **admin**.
- For security purposes, it is **strongly recommended** to change the default password immediately after your first login.

7 Using the Equipment

7.1 Start the FXC-A8800 computing card via the LCD screen

From the RF02 front-panel LCD screen, enter the **Device List**.

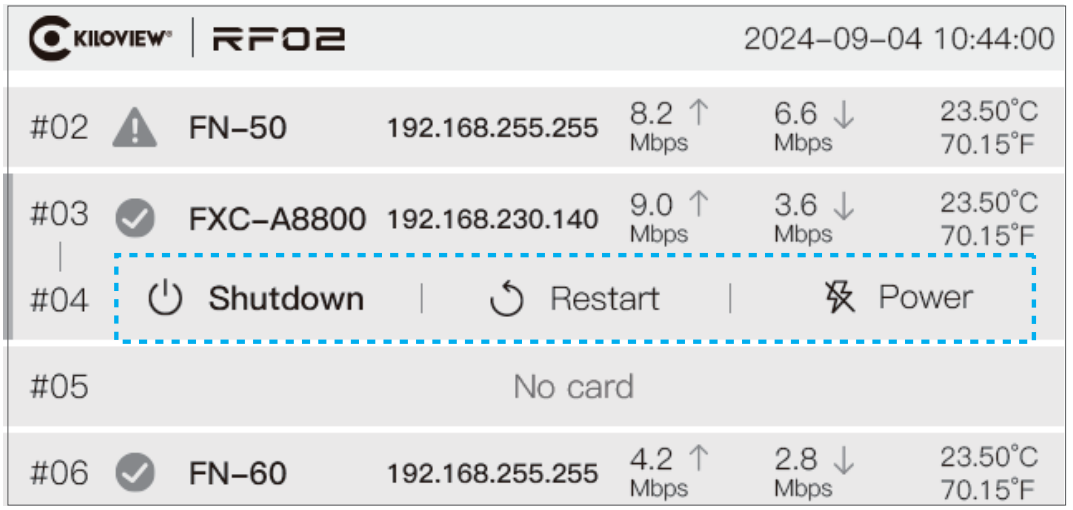
Press the “ ○ ” key to enter device selection and operation mode, and use the “ < ” and “ > ” keys to choose the FXC-A8800 computing card you want to control. Press “ < ” again to exit edit mode.

By default, the computing card will **automatically power on** when inserted into the RF02.

When the computing card is currently powered on, the following operation options are available:

- **Shutdown** – Perform a normal system shutdown.
- **Restart** – Reboot the computing card.
- **Power Off** – Force power off the computing card. (Use with caution)

When the computing card is in the powered-off state, only **Power On** will be displayed

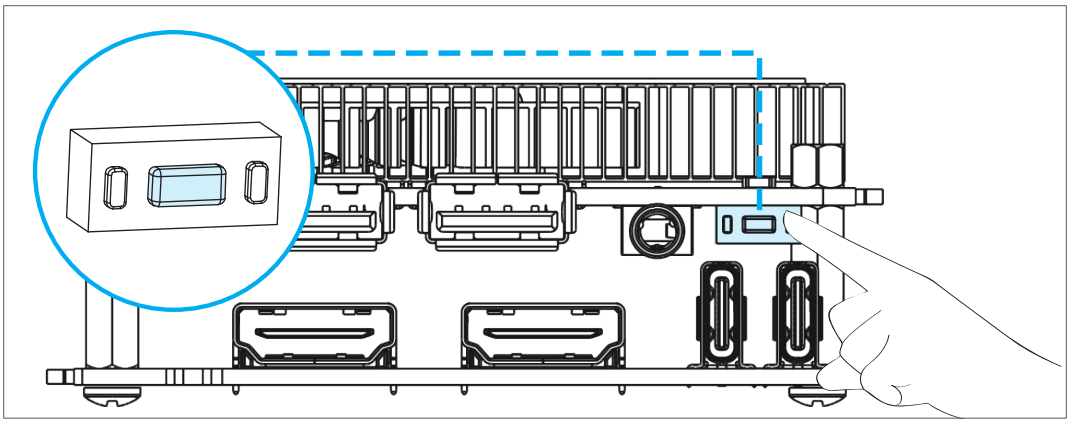


Notice

- Shutdown performs a standard operating system shutdown.
- Power Off forcibly cuts off power and may cause data loss. Use only when necessary.

7.2 Manually powering on the FXC-A8800 computing card

If the FXC-A8800 computing card fails to start automatically after being inserted into the RF02, press its external power button briefly to start it manually—the indicator light on will confirm successful startup. For manual shutdown, press and hold the button for about 5 seconds until the indicator light off.



Notice

● This manual startup method is **not recommended for routine use** and should only be used when the computing card cannot be powered on through the RF02.

7.3 Operating the FXC-A8800 Through the RF02

The RF02's main control board provides a secure, peripheral-free remote operation method for the computing card. Users can directly access and control the computing card through the RF02 web interface without connecting a keyboard, mouse, or monitor.

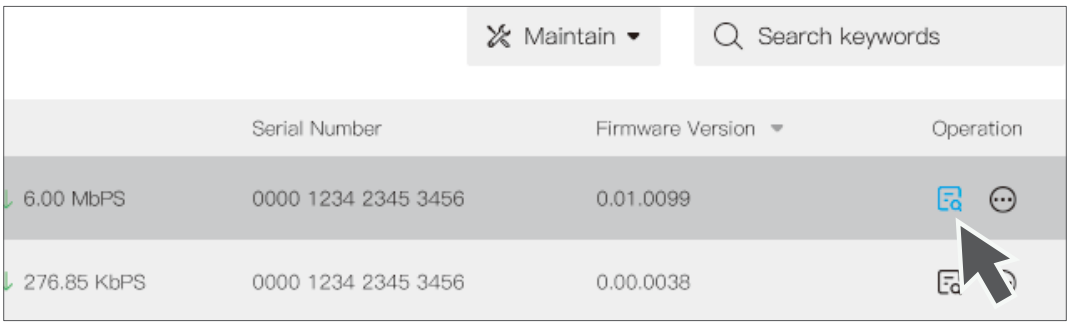
Use Instructions:

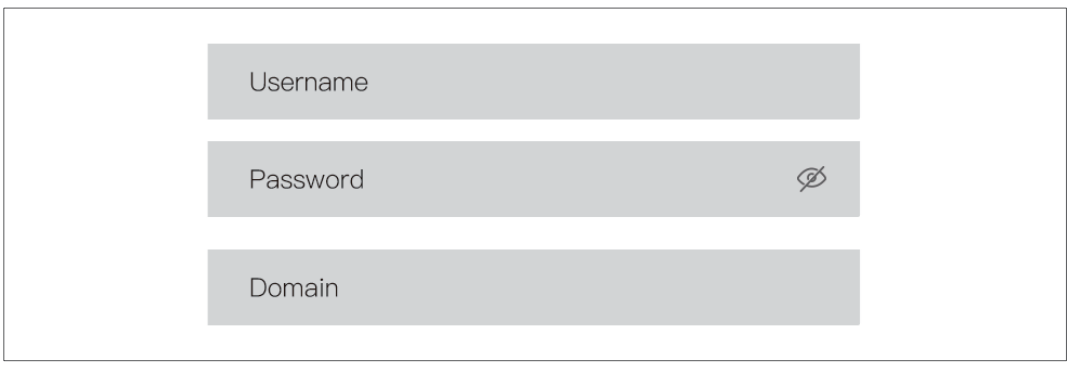
1.After installing the operating system, set the **system username and password**, and **enable remote desktop services** in the OS settings.

2.When accessing the computing card via the RF02 remote desktop function, you must enter the computing card's **system account password**.

3.The computing card is **not part of a domain**, so the domain field may be left blank.

4.On the RF02 web platform, navigate to **Management → Device List**, select the target computing card, and click the **Remote Desktop** operation button to initiate remote access.





8 Other

The FXC-A8800 series are modular computing cards designed specifically for the Kiloview RF02 chassis. Based on the high-performance AMD Ryzen Embedded 8000 processor platform, this series

distinguishes core computing performance through different model suffixes and integrates professional interfaces such as high-speed network interfaces and multi-channel video output. It aims to provide high-density, high-performance, and easy-to-manage integrated computing solutions for scenarios such as **broadcast television, live production, and edge computing.**

Reminder

The FXC-A8800 model suffix indicates the CPU model series used. For example, A8800 indicates an AMD Ryzen Embedded 8845HS processor.

Notice

If the equipment will not be used for an extended period, **disconnect the power**, remove the computing card from the RF02 chassis, and **store it properly** to prolong its service life.

For more information on using the FXC-A8800 computing card, please visit the Kiloview official website.

https://www.kiloview.com/en/products/rack/fxc-a8800/

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