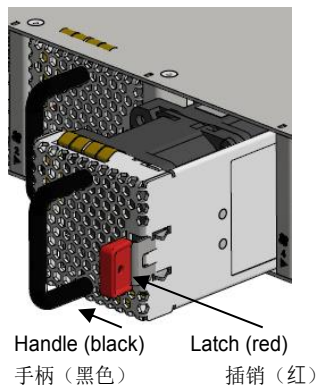


Overview 风扇模块介绍

The FAN-SX1410-C2P fan tray provides airflow from the port side to the power module side. Its latches are red. FAN-SX1410-C2P 风扇模块提供的风道方向是从端口侧流向电源模块侧。其插销是红的。

1 View 风扇模块示意图



2 Fan trays specifications 风扇模块规格

Item 项目	Specification 规格
Dimensions (H × W × D) 风扇尺寸 (高×宽×深)	40.6 × 42.5 × 118.7 mm (1.60 × 1.67 × 4.67 in)
Airflow direction 风道方向	port to power 从端口流向电源
Max fan speed 最大风扇转速	Front 20500 ± 10% R.P.M 前侧 20500 ± 10% R.P.M Rear 17000 ± 10% R.P.M 后侧 17000 ± 10% R.P.M

3 Fan trays alarm LEDs 风扇模块告警指示灯

Status 指示灯状态	Description 含义
Off 灭	Fan Unit is missing or not powered. 风扇模块未插好或未供电
Solid green 绿色长亮	A specific fan unit is operating 特定风扇单元正在运行
Solid red 红色长亮	A specific fan unit is missing or not operating properly. If a fan unit is present, it should be replaced. 某个特定风扇单元缺失或未正常运行。如果有风扇存在，则应当更换它。

Installing or removing a fan tray 风扇模块的安装和拆卸

1 Safety precautions 安全注意事项

- ⚠ Before you install or remove a fan tray, wear an ESD wrist strap and make sure the wrist strap has good skin contact and is reliably grounded.
在安装和拆卸风扇模块时，操作者需自行准备并佩戴防静电腕带，请确保防静电腕带已经正确接地并与皮肤良好接触。
- Do not touch any naked wire or terminal.
请不要接触风扇模块中露出的任何导线、端子部分。
- Do not place the fan tray in a damp environment and prevent liquid from flowing into the fan tray. 请不要将风扇模块放置在潮湿的地方，也不要让液体进入风扇模块内部。
- When an internal circuit or component is faulty, do not remove any components from the fan tray. Contact H3C Support.
当风扇模块内部线路或元器件出现故障时，请移交维修人员进行检修，不要随意拆卸风扇模块上的部件。

2 Installing a fan tray 风扇模块的安装

▲ Before you install a fan tray, make sure the fan tray model is compatible with the device and the airflow direction is as required by the installation site.

在安装风扇模块前，请确认风扇模块型号与设备匹配且风扇模块的风道方向和安装环境的通风方向要求一致。

To avoid damaging the fan tray and the backplane connector, insert the fan tray slowly.

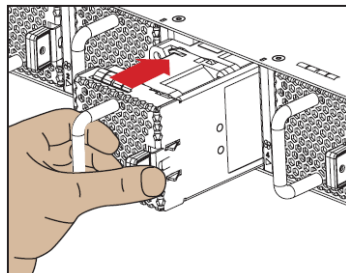
If you encounter resistance or if the fan tray tilts, remove the fan tray and reinsert it.

为了避免损坏风扇模块或背板的连接器端子，风扇模块插入过程中动作要缓慢，如果插入过程阻力较大或风扇模块位置出现偏斜，必须先拔出风扇模块，然后重新插入。

The system can fully operate even if one fan FRU is dysfunctional or missing. Failure of more than one fan is not supported. 即使有一个风扇 FRU 出现故障或缺失，系统仍可正常运行，但多个风扇出现故障则无法运行。

To insert a fan unit: 要插入风扇单元：

1. Make sure the mating connector of the new unit is free of any dirt and/or obstacles. 确保新单元的接头没有任何污垢和/或阻塞物。
2. Insert the fan unit by sliding it into the slot until slight resistance is felt. Continue pressing the fan unit until it completely situated in the slot. 插入风扇单元时，将风扇单元滑入插槽直到感觉到轻微的阻挡。继续按压风扇单元，直到其完全固定在插槽中。



The green Fan Status LED should light. If not, extract the fan unit and reinsert it. After two unsuccessful attempts to install the fan unit, power off the system before attempting any system debug.

绿色风扇状态指示灯应当亮起。如果没有，抽出风扇单元并重新插入。安装风扇单元连续两次失败后，请关闭系统电源后再尝试排除系统故障。

3 Removing a fan tray 风扇模块的拆卸

▲ Ensure electrical safety when you remove a fan tray on an operating device.

在设备运行状态下更换风扇模块时，请注意用电安全。

Never touch a rotating fan on an operating device.

在设备运行状态下更换风扇模块，请不要接触转动中的风扇，避免被旋转中的风扇划。

To prevent an unbalanced fan from causing loud noise, do not touch the fan, even if it is not rotating.

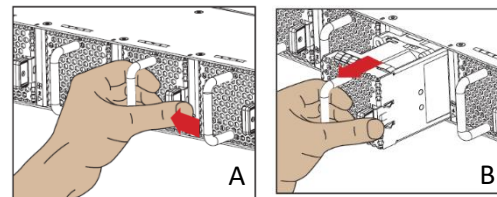
在风扇停止转动后，建议不要碰触风扇扇叶和旋转轴，以免损害风扇的动平衡，导致风扇运转时噪音加大。

Place the removed fan tray on an anti-static mat or in an anti-static bag.

请将拆卸下来的风扇模块及时放置到防静电垫子上或防静电袋中。

To remove a fan unit: 要拆卸风扇单元：

1. Grasping the handle with your right hand, push the latch release towards the handle with your thumb (Figure A), while pulling the handle outward (Figure B). As the fan unit unseats, the fan unit status LEDs will turn off. 用右手抓住手柄，通过大拇指将插销释放按钮推向手柄（图A），同时向外拉出手柄（图B）。当风扇单元拉出时，风扇单元的状态指示灯将熄灭。
2. Remove the fan unit. 拆下风扇单元。



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