

HyperCare

User Guide

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Email	

Update instructions:

This document has recorded the changes to Xvisual.

<2026.1.6> / <V2.1.5.0>

Function	Type of change	Description	Related documents
	New Features ● Added project and RTE management without an IDE ● Added multiple configuration backup and restoration functions, with page integration ● Added service management ● Added screen display settings		

	● Added help center Optimizations ● Optimized network card settings, date and time zone settings functions		
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Preface

1.Document Description

This description is specifically formulated for control and automation technology experts who are familiar with relevant national standards and have undergone professional training.

When installing and debugging components, it is essential to carefully review all relevant documents and the following instructions.

Qualified personnel shall always use the latest valid document for operations.

Responsible personnel must ensure that the application or use of the described product fully complies with all safety requirements, covering all relevant laws, regulations, guidelines, and standards.

1.1Disclaimer

This document has been carefully prepared, but given the continuous development and upgrade process of the described product, Sinsegye (Shenzhen) Computer System Co., Ltd. reserves the right to modify and update the document at any time without prior notice. Please note that any modifications to the delivered products based on the data diagrams or descriptions in this document are strictly prohibited. Sinsegye Computer System Co., Ltd. shall not be liable for any loss or damage caused by the use of or reliance on the information, whether expressed or implied, contained in this manual.

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1.3Version 1.3 Statement

The content of this manual is based on the current software version. The software may add new features or optimize operations in the future. We recommend that you visit the online documentation center (<https://help.sinsegye.com>) to view the latest instructions.

2.Safety Declaration

2.1Safety Regulations

Before using this product, please read the product manual and correctly understand the safety precautions. Failure to comply with the safety precautions may result in personal injury or death or equipment damage.

2.2Disclaimer

All components are provided with both hardware and software configurations. Modifications to hardware or software configurations beyond the described in the document are not permitted. Sinsegye is not responsible for hardware or software not covered in the document.

2.3Personnel Qualifications

This manual is used only for control, automation, and drive technology experts who are familiar with applicable national standards and have undergone training.

2.4Safety Statement

The “Danger”, “Warning”, “Caution” and “Alert” in the manual do not represent all the safety precautions to be observed and are only used as a supplement to all safety precautions.

	“DANGER” indicates an imminent hazardous situation that, if not avoided, will result in serious injury or death.
	“WARNING” indicates a potentially hazardous situation that, if not avoided, could result in serious injury or death.
	“Caution” indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury or damage to the equipment.
	“Notice” indicates a potentially hazardous situation that, if not avoided, may only result in damage to the equipment.

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I .Overview

HyperCare(Previous Name:SF8010 Device Manager) is a device management tool software product designed for managing the entire iComputer system, including system information management, hardware information reading and secondary allocation functions. This manual primarily introduces the functions and basic usage methods of each module in SF8010. The following table provides an overview of each product component

Product components	Description
sf8010 basic module (core module)	sf8010 is the core component of the SF8010 device management tool, responsible for the comprehensive management of the iComputer system. It can monitor the operating status of the device and manage hardware resources. This component provides extensive system and hardware information reading functions, supports user reconfiguration through graphical interfaces or command lines, and ensures that the device always operates in optimal conditions.
libacp dependency module	libacp is a library file that provides the Access Control Protocol (ACP) function. It supports data encryption, security authentication, and access control. This component is typically used to ensure secure data exchange between devices and systems, preventing unauthorized access.
adi-service dependency module	adi-service is the service component of the device interface, primarily used for driving and managing hardware devices. It handles device initialization, configuration, and data transmission while providing connection and communication services with other system components. This component automatically loads and runs during system startup to ensure proper collaboration between the hardware device and the operating system.
aoiservice dependency module	aoiservice is an automated operation interface service that provides functions for automatic configuration, monitoring, and management of the device. It can automatically execute operations based on preset conditions, diagnose device issues, or provide relevant logs when failures occur. This component is particularly important for large-scale device management, and it can improve work efficiency and reduce manual intervention.
ari dependency module	ARI is a real-time interface service that provides deterministic scheduling, real-time task management, and monitoring capabilities for industrial control scenarios, and meets the needs of developers to build real-time applications without an IDE.

II .Installation and Uninstallation

1.Software Download

Please download the latest version of the file (the actual version provided by the website shall prevail) from [Sinsegye Onlinehelp](#). The included file list is as follows: (The document version may be newer than those listed below.)

- hypercare_2.1.5.0_full_amd64.run

2.Installation Process

The following is an example of installing a certain version from V2.1.5.0 . The file's name or version in below sample maybe different from the target version.

Bash

```
# 将下载的.run 文件上传到工智机的~/downloads 目录，然后执行如下命令
# Copy the run package to iComputer ~/downloads directory, then execute the
following command
# 进入该文件所在的目录 | Go into the folder where the run package in.
cd ~/downloads
# 执行安装 | Do package installation
# 请输入正确的全名 | Please "hypercare_<version>.run" with the .run file's
fullname
chmod +x ./hypercare_<version>.run
./hypercare_<version>.run
# 如果需要确认，请输入 Y | Input 'Y' if confirm prompt displayed
# 重启工智机以确保生效 | Reboot the iComputer to take effect
sudo reboot
```

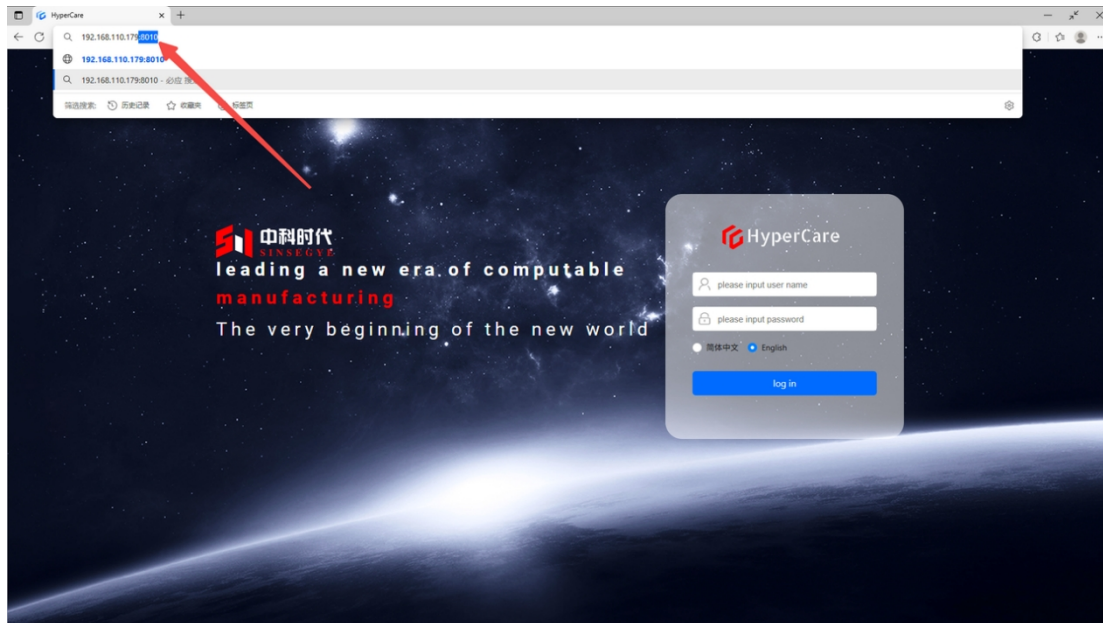
3.Update and Installation

The process for updates and installations is the same. The new version will automatically overwrite the old version.

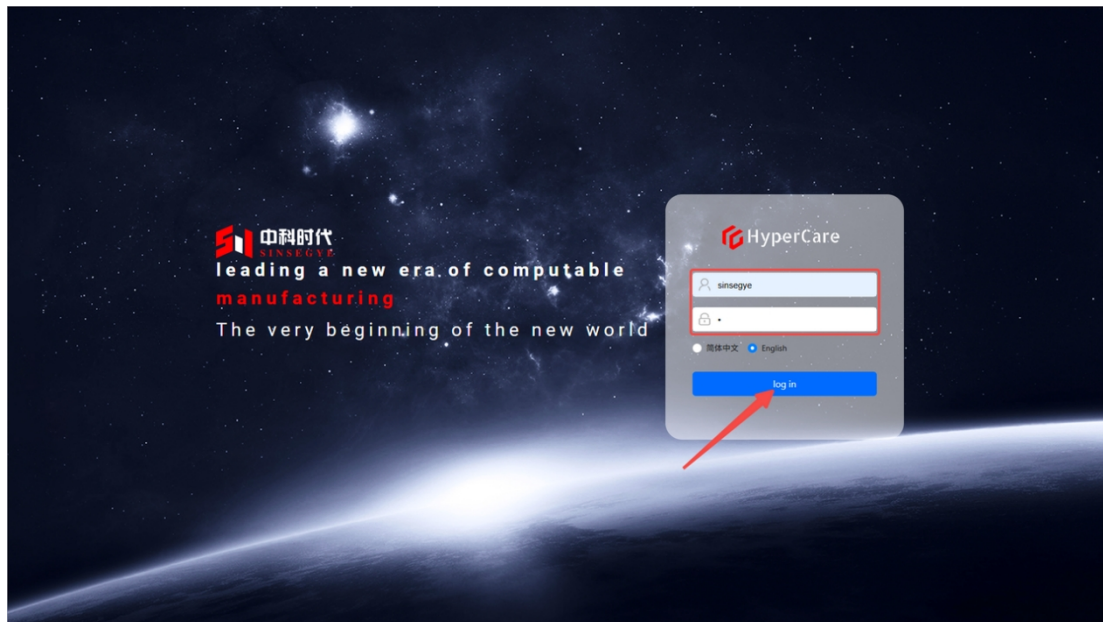
III.Function Introduction

1. Login

Open the browser, enter the IP address of the iComputer + \[:8010], and then press the \[Enter] key. The page jumps to the login interface of HyperCare.



On the login page, enter your \[Username] and \[Password], and then click the \[Login] button.



Tip: Please keep sensitive information such as username and password safe. For relevant support, please see the "Support and Services for Sinsegye Products" section at the end of the document.

2. Device Overview

2.1 Scope of Application

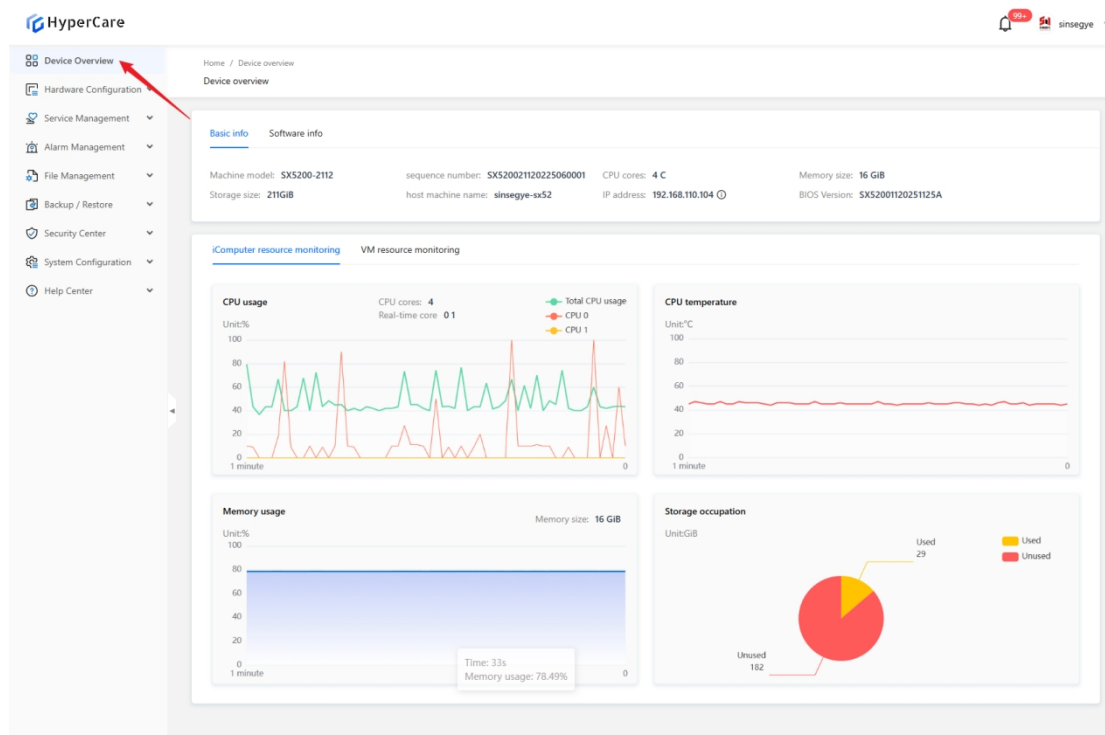
It is applicable to all adapted models.

2.2 Function Introduction

This page displays basic information, software information, and real-time and non-real-time domain information of the real-time monitoring device.

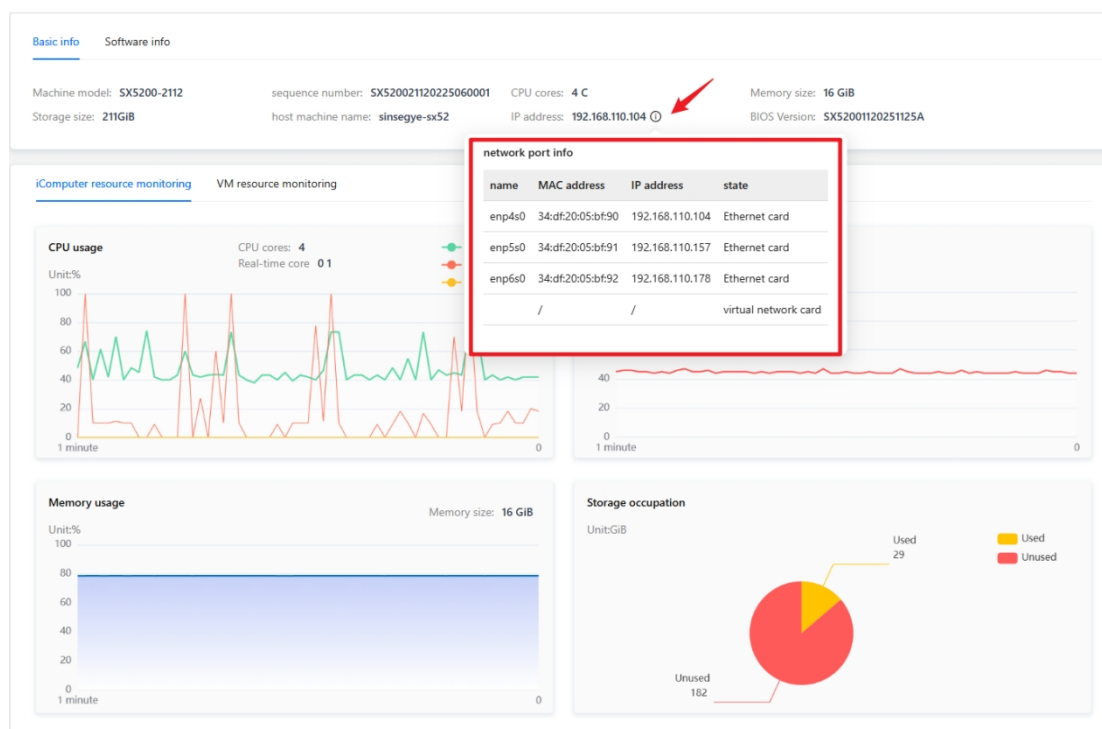
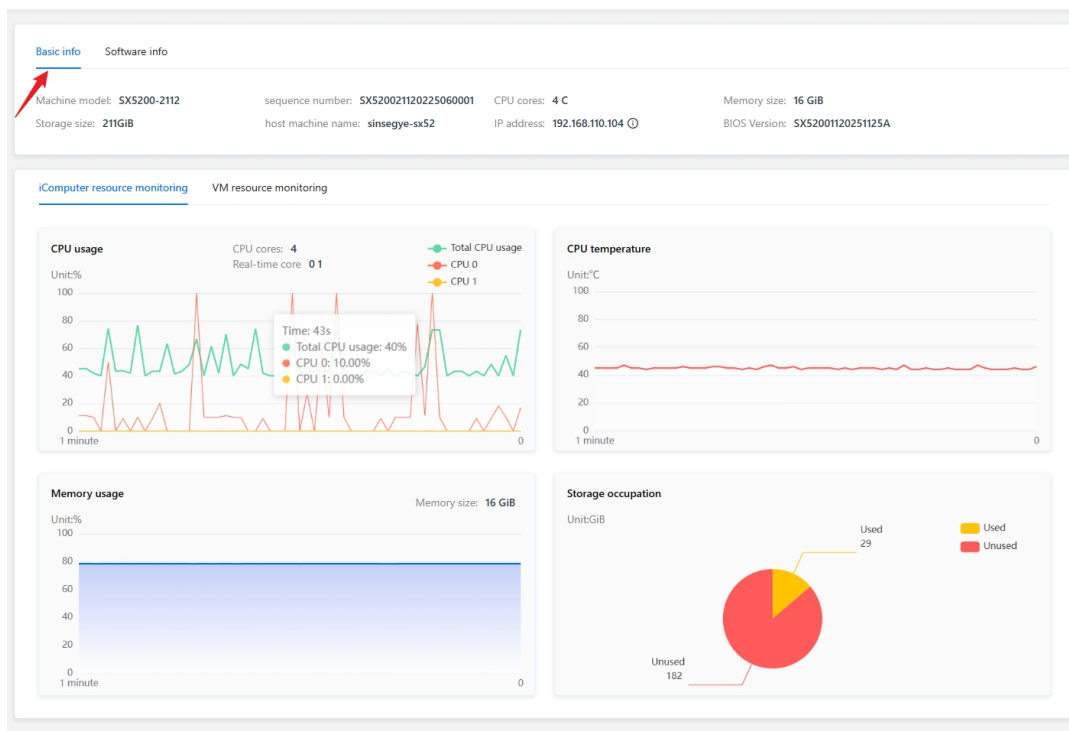
2.3 Usage Details

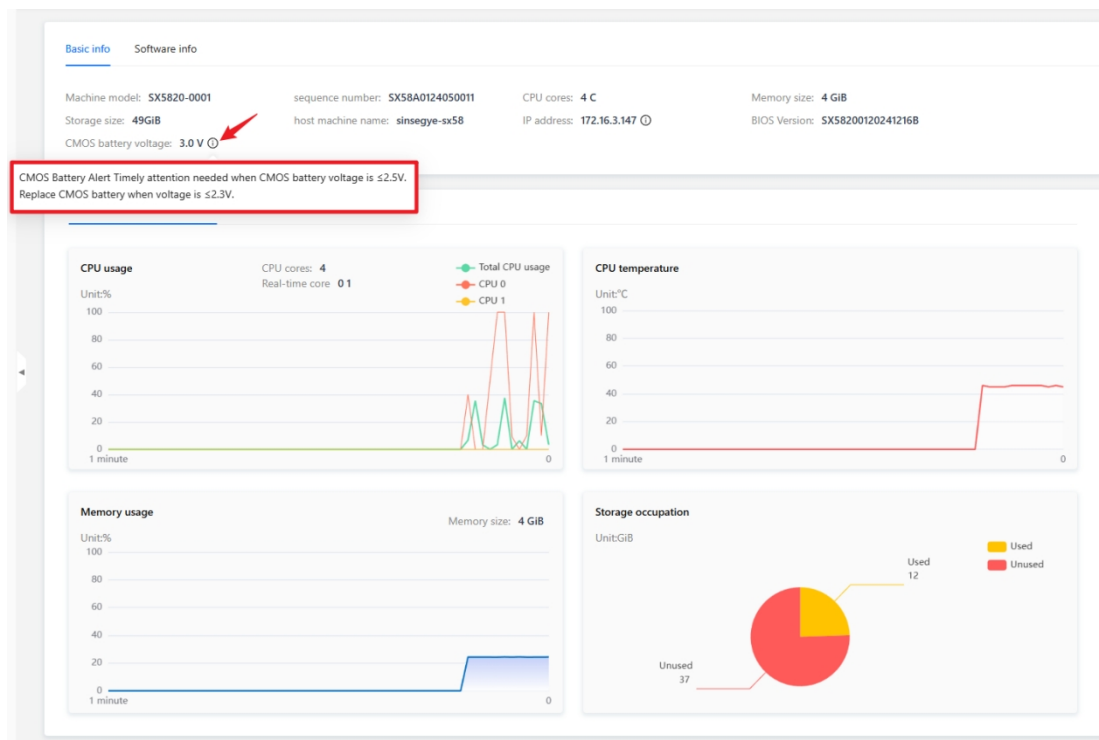
Enter the page



Basic information

It displays the host's machine model, serial number, number of CPU cores, memory size, storage capacity, host name, IP address, BIOS version, and Cmos battery voltage(only certain products support this). Hover the mouse over the [i] icon to view the detailed information.

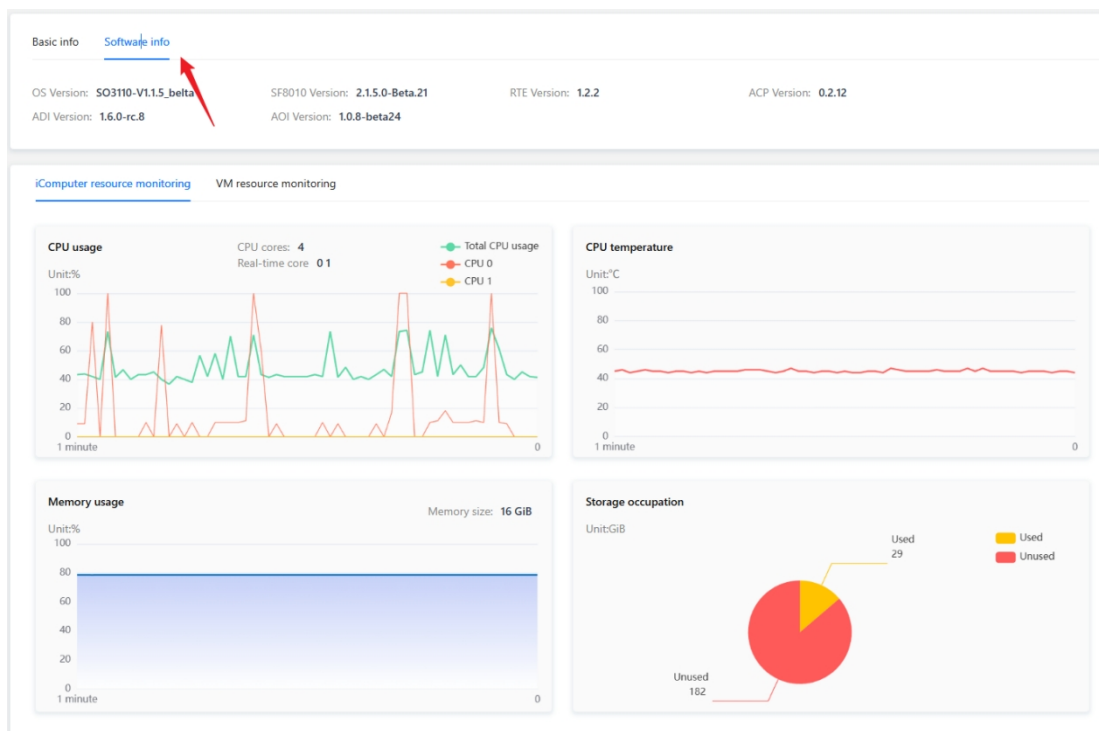




Cmos battery voltage is only displayed for SX5820 series.

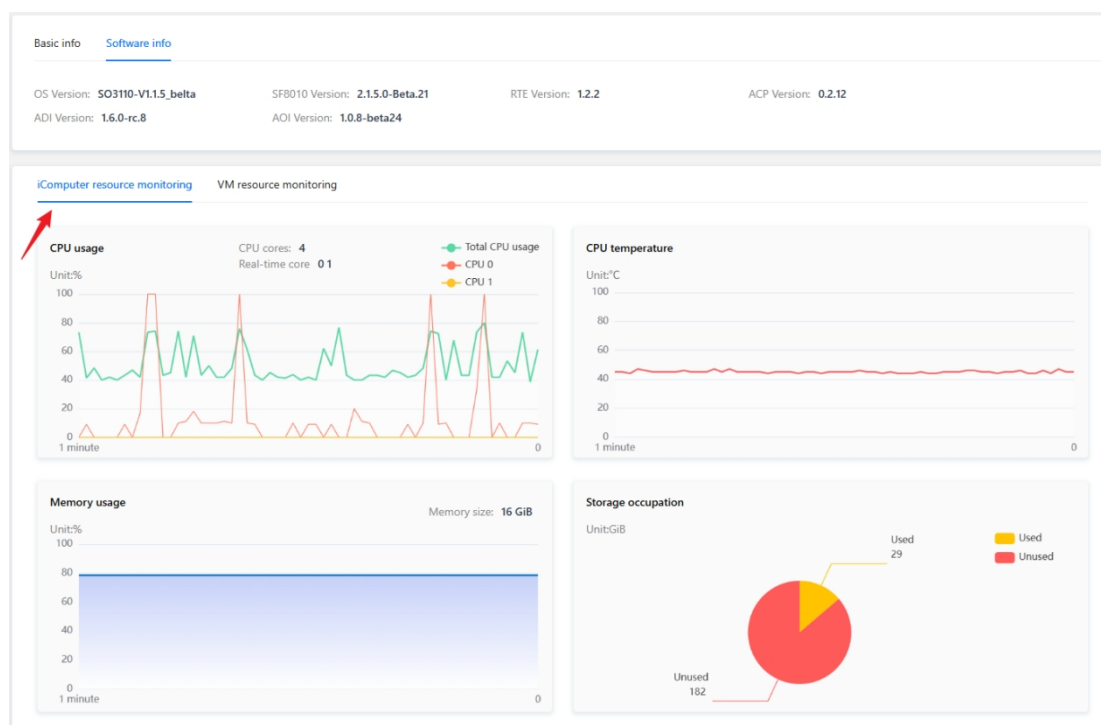
Software information

It displays the software information of the device, including OS version, SF8010 version, RTE version, ACP version, ADI version, and AOI version.

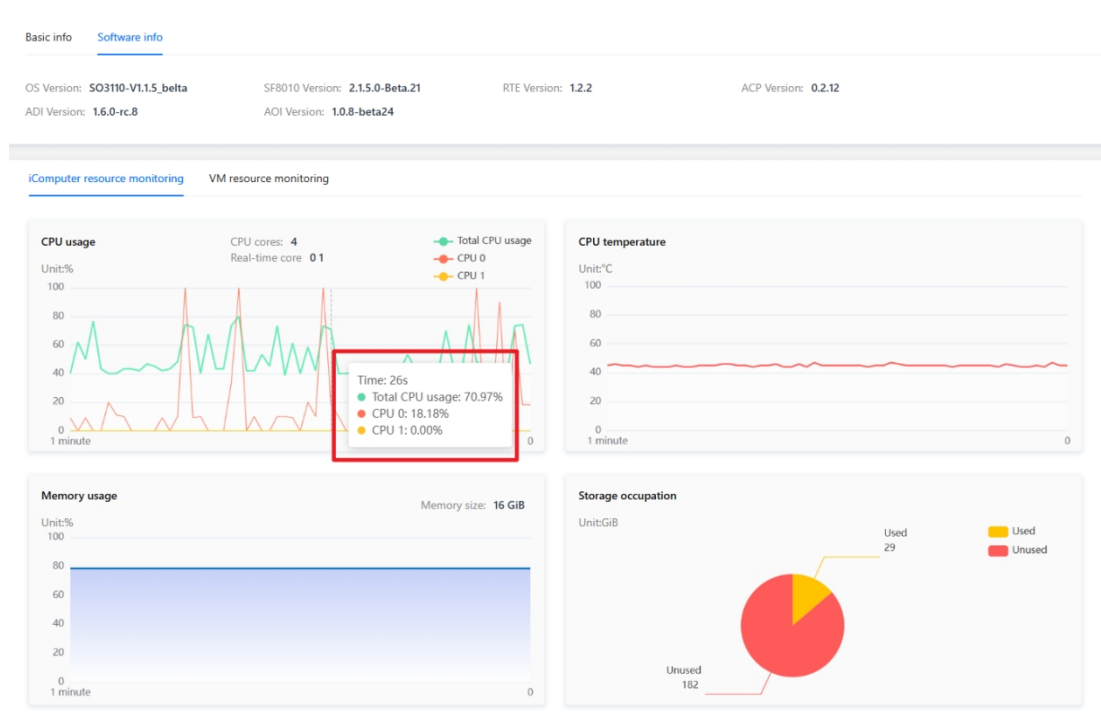


iComputer resource monitoring

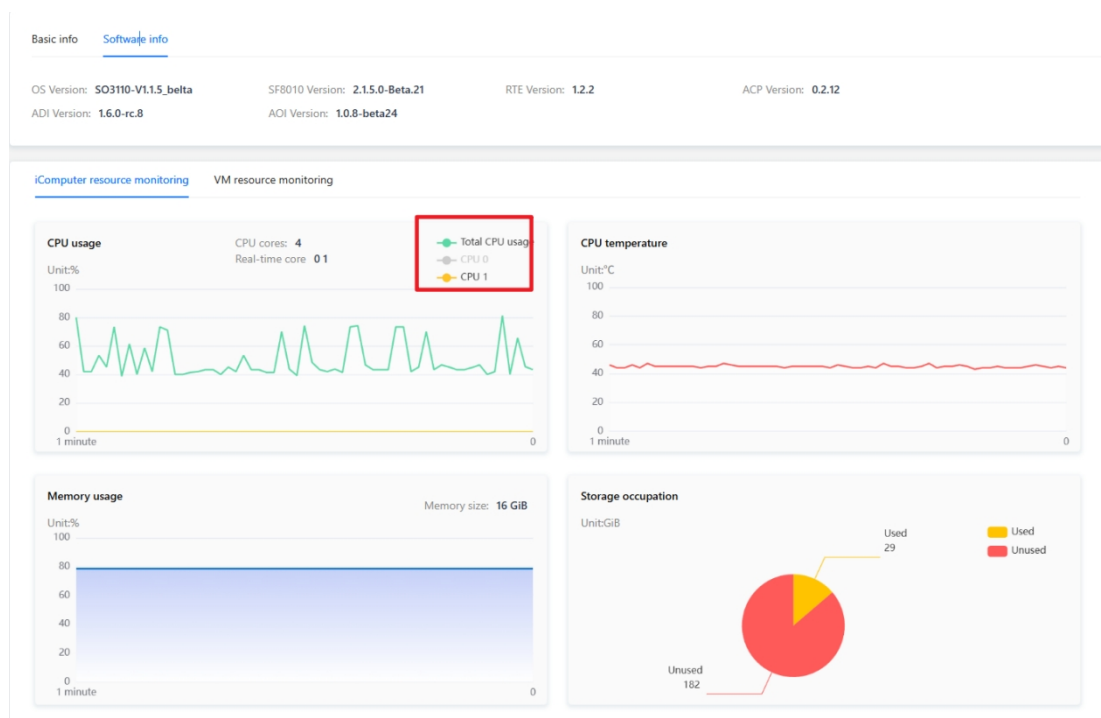
The chart displays the CPU usage, temperature, memory usage and storage occupation of the real-time domain.



Hover the mouse over the chart to display the detailed information.

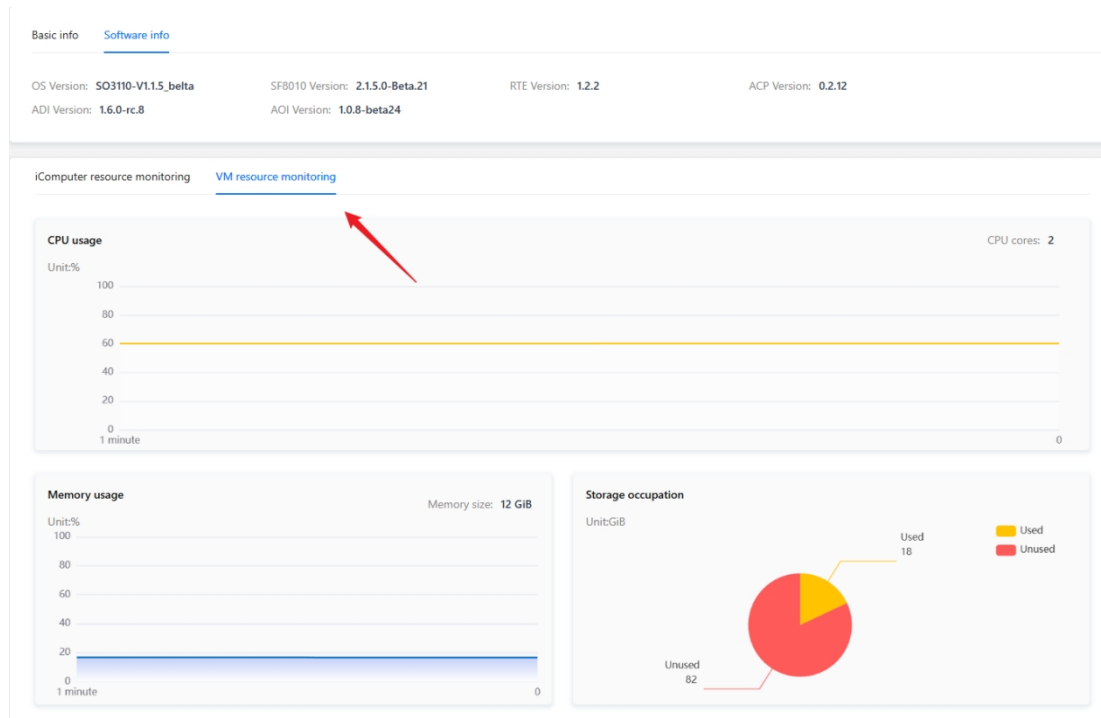


Click the CPU usage to select the displayed information.

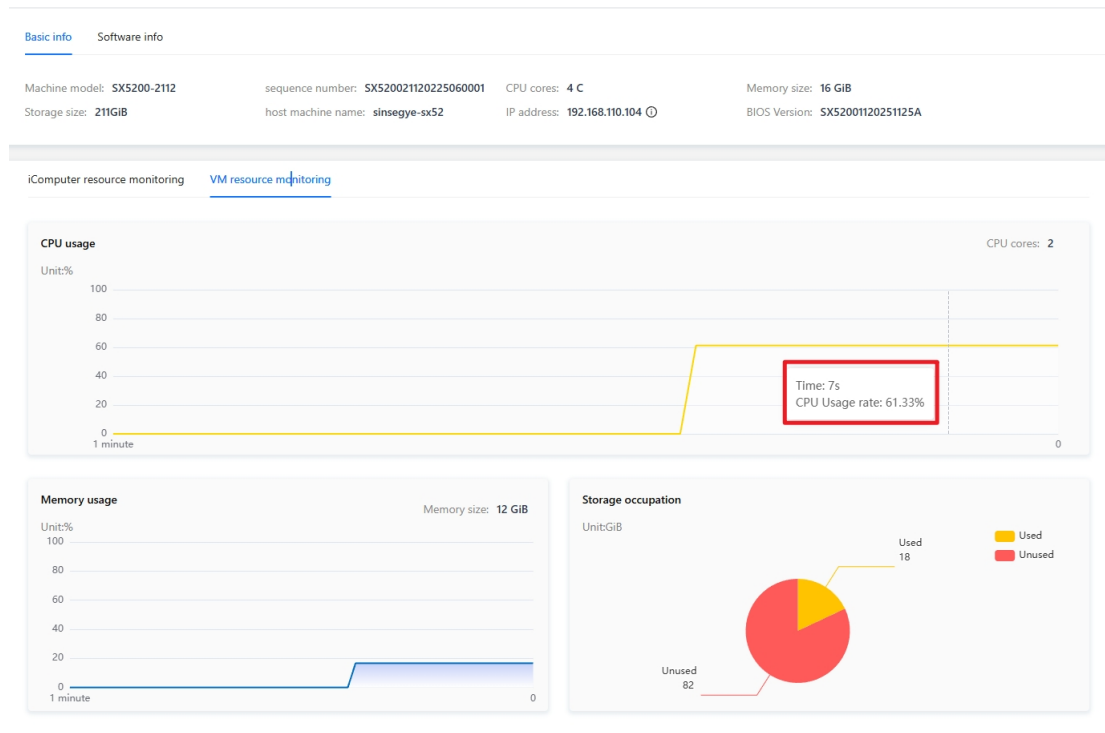


Virtual machine resource monitoring

The chart displays the CPU usage, memory usage, and storage occupancy of the non-real-time domain.



Hover the mouse over the chart to display the detailed information.



Only models SP7010-xxx1, SP7020-xxx1, SP7022-xxx1, SP5040 series, SX52 series, and SX2133 Type II are equipped with the virtual machine resource monitoring module.

3. Hardware Configuration

Due to limitations of device hardware and operating system, some menus and functions may not be displayed on certain devices.

The complete secondary navigation bar includes: Network Port Configuration, Serial Port Configuration, PCIE Configuration, CPU Configuration, Memory Configuration, Local I/O, and Small Screen Configuration.

3.1 Network Port Configuration

3.1.1 Scope of Application

It is applicable to all adapted models.

3.1.2 Function Introduction

This page displays network interface card (NIC) information in real-time domains and supports custom configurations such as EtherCAT, IP, DNS, and routing for NIC.

3.1.3 Usage Details

Enter the page

HyperCare

Home / Hardware Configuration / Network Port Configuration

Network port configuration

Network Port Config...

Serial Port Configur...

PCI-E Configuration

CPU Configuration

Memory Configuration

Local I/O Management

Service Management

Alarm Management

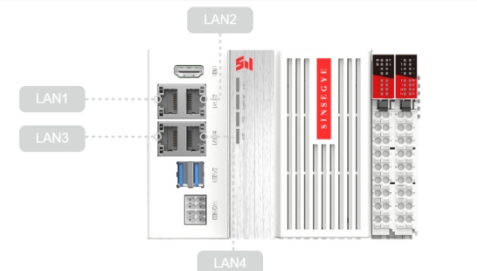
File Management

Backup / Restore

Security Center

System Configuration

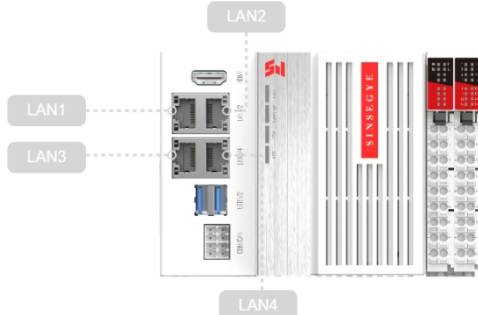
Help Center



name	NIC name	MAC address	IP address	network port type	operation
LAN1	enp4s0	34:df:20:05:bf:90	192.168.110.104	Ethernet card	Set
LAN2	enp5s0	34:df:20:05:bf:91	192.168.110.157	Ethernet card	Set
LAN3	enp6s0	34:df:20:05:bf:92	192.168.110.178	Ethernet card	Set
LAN4	--	/	--	virtual network card	Set

Network port information

View the detailed information such as LAN name, NIC name, MAC address, IP address, and network port type.



name	NIC name	MAC address	IP address	network port type	operation
LAN1	enp4s0	34:df:20:05:bf:90	192.168.110.104	Ethernet card	Set
LAN2	enp5s0	34:df:20:05:bf:91	192.168.110.157	Ethernet card	Set
LAN3	enp6s0	34:df:20:05:bf:92	192.168.110.178	Ethernet card	Set
LAN4	--	/	--	virtual network card	Set

For some models, you can view the extended NIC information

HyperCare

Home / Hardware Configuration / Network Port Configuration

Network port configuration



If you need to power down the system to change an expansion network card: i.e. add/remove/reposition/update models/etc., all expansion network cards will get default settings upon the next boot; they will not be configured as EtherCAT ports and will be set to obtain an IP address automatically.

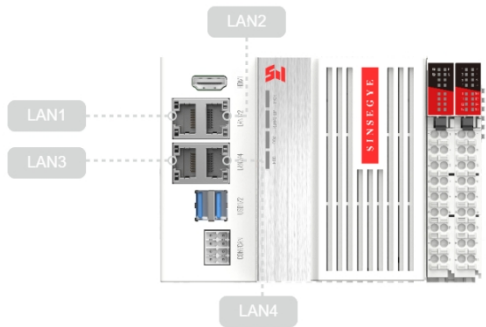
Built-in network card information		Extended network card information			
name	NIC name	MAC address	IP address	network port type	operation
LAN1	eno1	08:bfb8:c8:72:da	172.16.3.77	Ethernet card	Set
LAN2	enp2s0	08:bfb8:c8:72:d9	192.168.110.118	Ethernet card	Set

The extended network card information can be viewed only on SP7022 series, SP5040 series, and SX21 series.

To modify all the settings, please click the [\[Set\]](#) button to the right of the corresponding network interface card entry.

EtherCAT Status – Enabled

Click the [\[Set\]](#) button corresponding to the NIC whose configuration needs to be modified.



name	NIC name	MAC address	IP address	network port type	operation
LAN1	enp4s0	34:df:20:05:bf:90	192.168.110.104	Ethernet card	Set
LAN2	enp5s0	34:df:20:05:bf:91	192.168.110.157	Ethernet card	Set
LAN3	enp6s0	34:df:20:05:bf:92	192.168.110.178	Ethernet card	Set
LAN4	--	/	--	virtual network card	Set

Click the [\[Configuration Mode and Parameters\]](#) button

Network port configuration: LAN3 ✕

current status:

Working mode: EtherNET

NIC name: enp6s0

IPv6 Config Method: auto

IPv4 Config Method: auto

IPv4 address: 192.168.110.178

Subnet mask: 255.255.254.0

Default gateway: 192.168.110.1

Configure mode and params

Cancel

Select \[EtherCAT] as the working mode

Network port configuration: LAN3 ✕

Working mode

Ethernet ▾

TCP/IP DNS ⓘ

Ethernet

EtherCAT

NIC name: enp6s0

IPv6 Config Method: auto ▾ ⓘ

IPv4 Config Method: auto ▾ ⓘ

IP address: 192.168.110.178

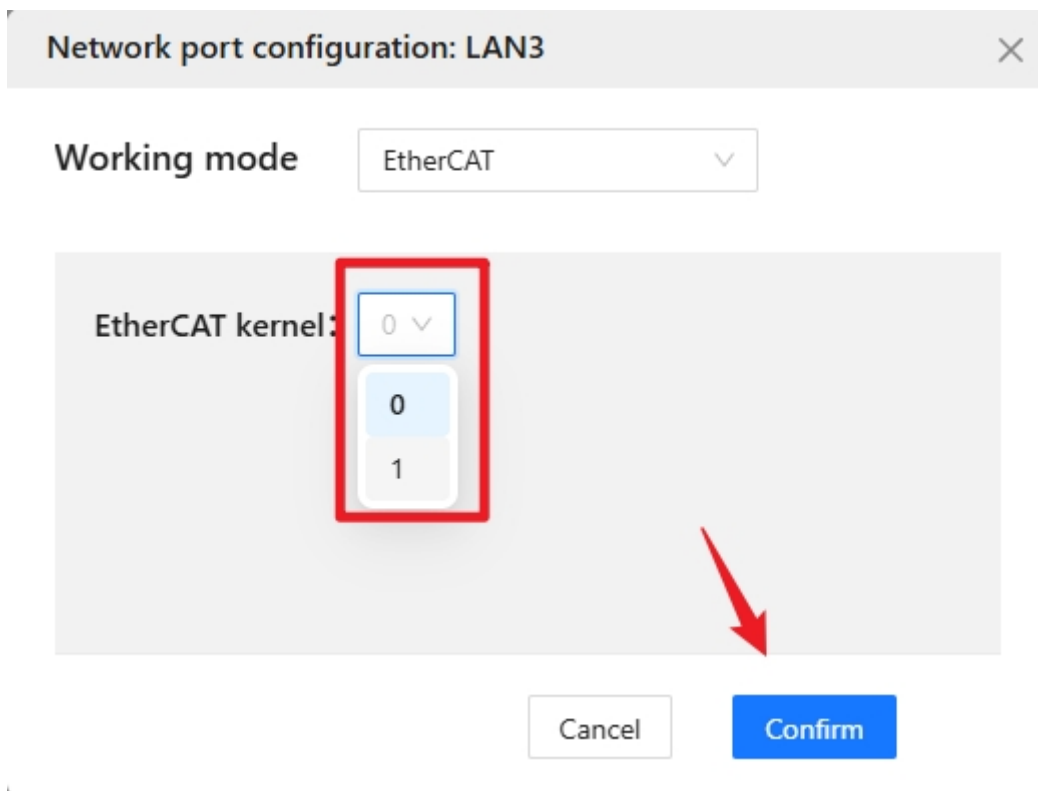
Subnet mask: 255.255.254.0

Gateway: 192.168.110.1

Cancel

Confirm

Select the number of cores for the \[EtherCAT kernel].



Network port configuration: LAN3

Working mode: EtherCAT

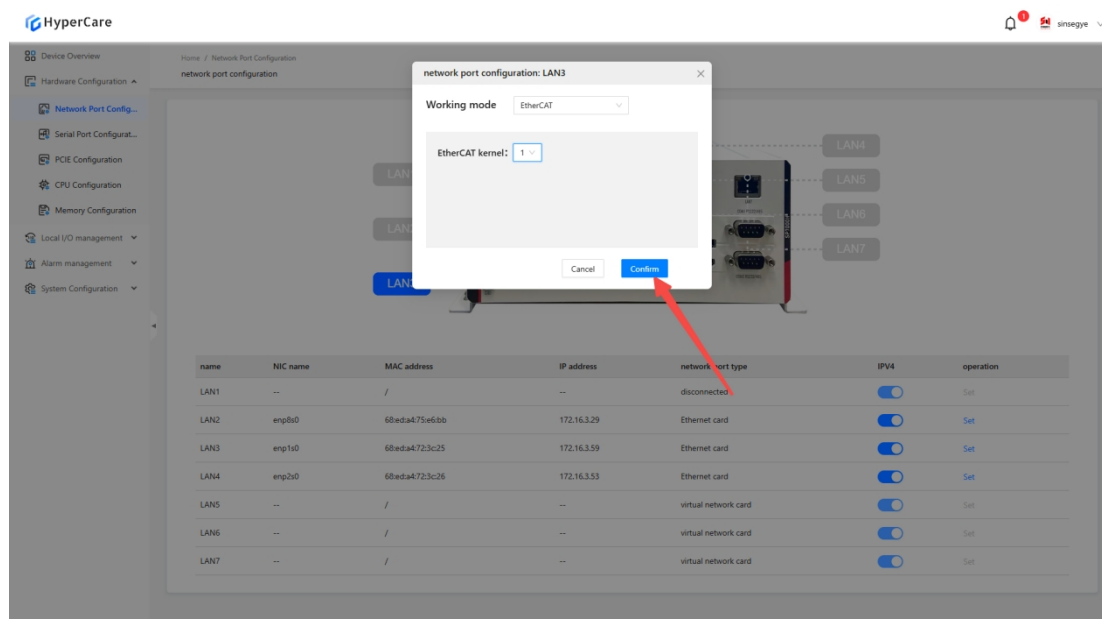
EtherCAT kernel: 0

0

1

Cancel Confirm

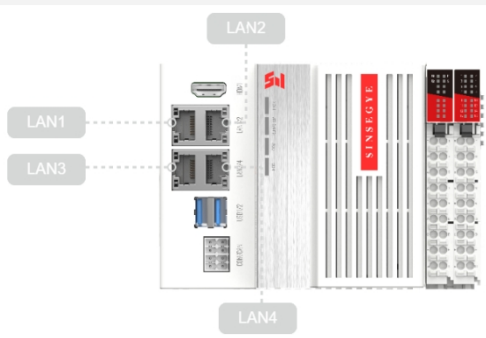
After completing the configuration, click the \[OK] button to make the changes to take effect.



The LAN1 NIC is the management port and cannot be configured for EtherCAT.

EtherCAT Status - Disabled

Click the \[Set] button for the configured \[EtherCAT NIC].



name	NIC name	MAC address	IP address	network port type	operation
LAN1	enp4s0	34:df:20:05:bf:90	192.168.110.104	Ethernet card	Set
LAN2	enp5s0	34:df:20:05:bf:91	192.168.110.157	Ethernet card	Set
LAN3	enp6s0	34:df:20:05:bf:92	--	EtherCAT card	Set
LAN4	--	/	--	virtual network card	Set

Click the \[Configuration Mode and Parameters] button.

Network port configuration: LAN3 ✕

current status:

Working mode: EtherCAT

NIC name: enp6s0

IPv6 Config Method: Disable

IPv4 Config Method: Disable

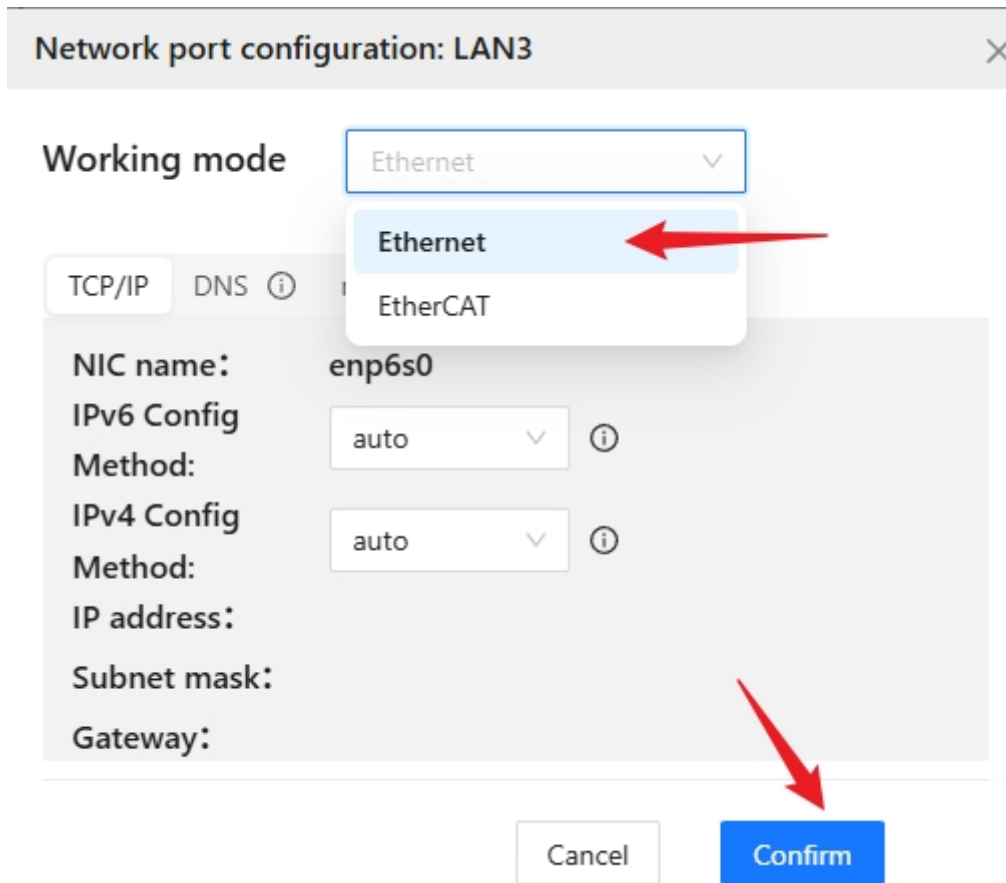
IPv4 address:

Subnet mask:

Default gateway:

[Configure mode and params](#) [Cancel](#)

Select \[Ethernet] as the working mode, with IP set to automatic by default, or to be configured manually.



The image shows a 'Network port configuration: LAN3' dialog box. It has a 'Working mode' dropdown menu currently set to 'Ethernet'. A red arrow points to the 'Ethernet' option in the dropdown list. Below the dropdown, there are tabs for 'TCP/IP' and 'DNS'. Under the 'TCP/IP' tab, there are fields for 'NIC name:' (enp6s0), 'IPv6 Config Method:' (auto), 'IPv4 Config Method:' (auto), 'IP address:', 'Subnet mask:', and 'Gateway:'. A red arrow points to the 'Confirm' button at the bottom right of the dialog.

After completing the configuration, click the \[OK] button to make the changes to take effect.

IP Configuration - Automatic

Click the \[Set] button corresponding to the NIC whose configuration needs to be modified.

Click the \[Configuration Mode and Parameters] button.

Change the \[IPv4 Mode] to \[Automatic] (default setting).

Change the \[IPv6 Mode] to \[Automatic] (default setting). If there is no IPv6 network, then ignore this.

Network port configuration: LAN3

Working mode

Ethernet

TCP/IP

DNS ⓘ

routing setting

NIC name:

enp6s0

IPv6 Config Method:

auto ⓘ

IPv4 Config Method:

auto ⓘ

IP address:

auto ⓘ

Subnet mask:

manual

Gateway:

Disable

Cancel

Confirm

After completing the configuration, click the \[OK] button to make the changes to take effect.

IP Configuration - Manual

Click the \[Set] button corresponding to the NIC whose configuration needs to be modified.

Click the \[Configuration Mode and Parameters] button.

When changing \[IPv4 Mode] to \[Manual], the system will display configuration items for gateway, IP address, and subnet mask.

Set IP address, subnet mask and the gateway according to on-site requirements.

Network port configuration: LAN3 ✕

Working mode Ethernet

TCP/IP
DNS ⓘ
routing setting

NIC name: enp6s0
IPv6 Config Method: auto ⓘ
IPv4 Config Method: manual ⓘ

auto

manual

Disable

Address

192.168.111.233

192.168.111.233

192.168.111.233

Gateway

192.168.110.1

192.168.110.1

192.168.110.1

192.168.111.233

192.168.111.233

192.168.111.233

⊕
Add

192.168.110.1

192.168.110.1

192.168.110.1

3, optional

Cancel
Confirm

Click the \[⊕ Add] button below to create a new IPV4 entry.

If you don't need a particular item, you can click the red "x" next to it.

After completing the configuration, click the \[OK] button to make the changes to take effect.

The IPv6 address only support automation and disable due to its complicity.

At least one IP address must be retained.

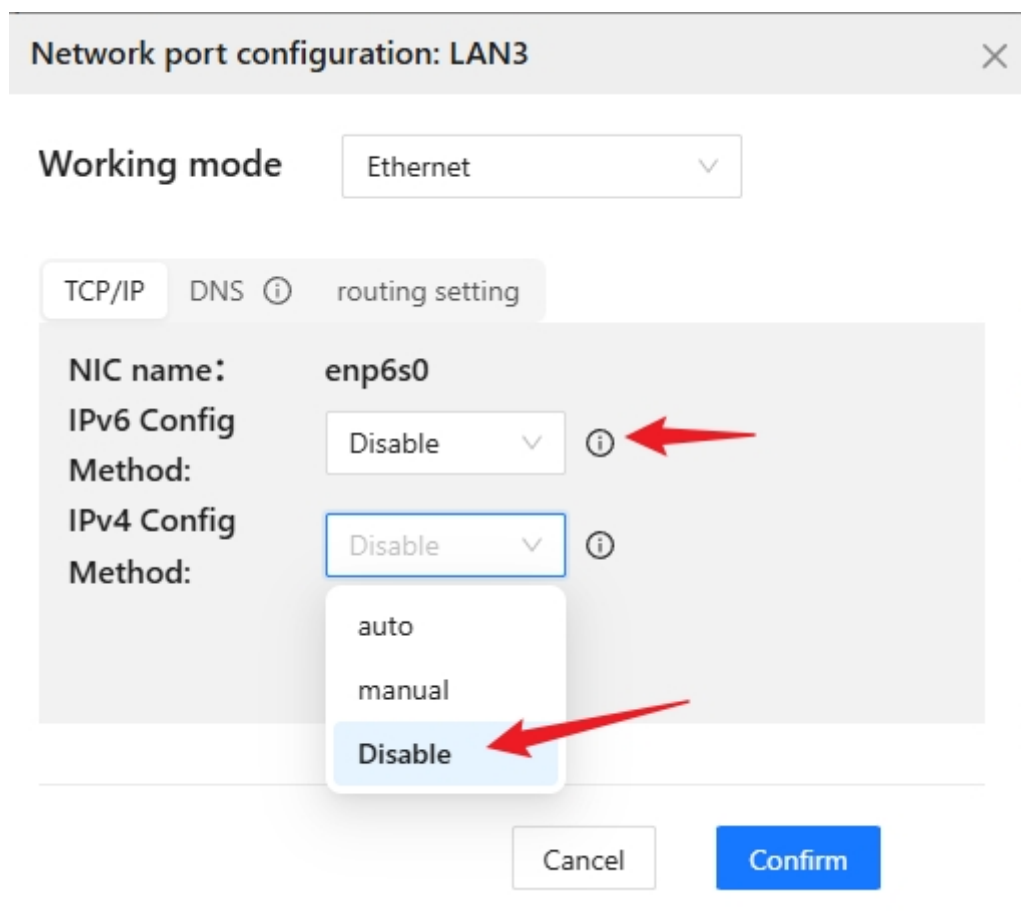
IP Configuration - Disabled

Click the \[Set] button corresponding to the NIC whose IP configuration needs to be disabled.

Click the \[Configuration Mode and Parameters] button.

When changing \[IPv4 Way] to \[Disabled], the system will disable IPv4.

When changing \[IPv6 Way] to \[Disabled], the system will disable IPv6.



The image shows a 'Network port configuration: LAN3' dialog box. At the top, 'Working mode' is set to 'Ethernet'. Below are three tabs: 'TCP/IP', 'DNS', and 'routing setting'. The 'DNS' tab is active. It contains two sections: 'IPv6 Config' and 'IPv4 Config'. Each has a 'Method' dropdown menu. The 'IPv6 Config Method' is set to 'Disable' and has an information icon (i) to its right, with a red arrow pointing to it. The 'IPv4 Config Method' is also set to 'Disable' and has an information icon (i) to its right. A dropdown menu is open for the 'IPv4 Config Method', showing options: 'auto', 'manual', and 'Disable'. A red arrow points to the 'Disable' option in this menu. At the bottom of the dialog are 'Cancel' and 'Confirm' buttons.

DNS settings

Click the \[Set] button corresponding to the NIC whose configuration needs to be modified.

Click the \[Configuration Mode and Parameters] button.

Click \[DNS].

Network port configuration: LAN3 ✕

Working mode Ethernet ▼

TCP/IP **DNS** ⓘ routing setting

Preferred DNS

Backup DNS

Cancel Confirm

Fill in the corresponding configuration in the text box according to on-site requirements.

Network port configuration: LAN3

×

Working mode

Ethernet

▼

TCP/IP

DNS ⓘ

routing setting

Preferred DNS

114.114.114.114

✓

Backup DNS

8.8.8.8

✓

Cancel

Confirm

After completing the configuration, click the \[OK] button to make the changes to take effect.

Routing settings

Click the \[Set] button corresponding to the NIC whose configuration needs to be modified.

Click the \[Configuration Mode and Parameters] button.

Click the \[Routing Settings] button.

Network port configuration: LAN3

Working mode

Ethernet

TCP/IP

DNS ⓘ

routing setting

Target IP segment	Target subnet	Gateway	Hop	
			1	☒
⊕ Add				

Cancel

Confirm

Click the  Add button to create a new routing entry.

Fill in the configuration items for , , , and  in the text box according to on-site requirements.

Network port configuration: LAN3

Working mode

Ethernet

TCP/IP

DNS ⓘ

routing setting

Target IP segment	Target subnet	Gateway	Hop	
12.168.33.6	255.255.2	8.8.8.8	1	✓
			3	✓
⊕ Add				

Cancel

Confirm

If you don't need a particular item, you can click the red "x" next to it.

After completing the configuration, click the [OK] button to make the changes to take effect.

These settings are advanced NIC configurations and require a certain level of technical understanding of network topology. Please do not modify them unless necessary, as this may cause network access interruptions.

Important notes

- EtherCAT NIC operates when EtherCAT is enabled.
- It supports the configurations for built-in NIC and PCIe expansion cards, but does not support expanded USB NIC.
- For NIC without connected cables, the network port will display as [Disconnected], and its settings cannot be configured.
- For NIC to be configured in non-real-time domains, the network port will display as [Virtual NIC], and its settings cannot be configured.
- LAN1 is not allowed to be set to EtherCAT mode, so its IP settings cannot be disabled.
- Please perform configuration modifications in a non-production environment.

3.2 Serial Port Configuration

3.2.1 Scope of Application

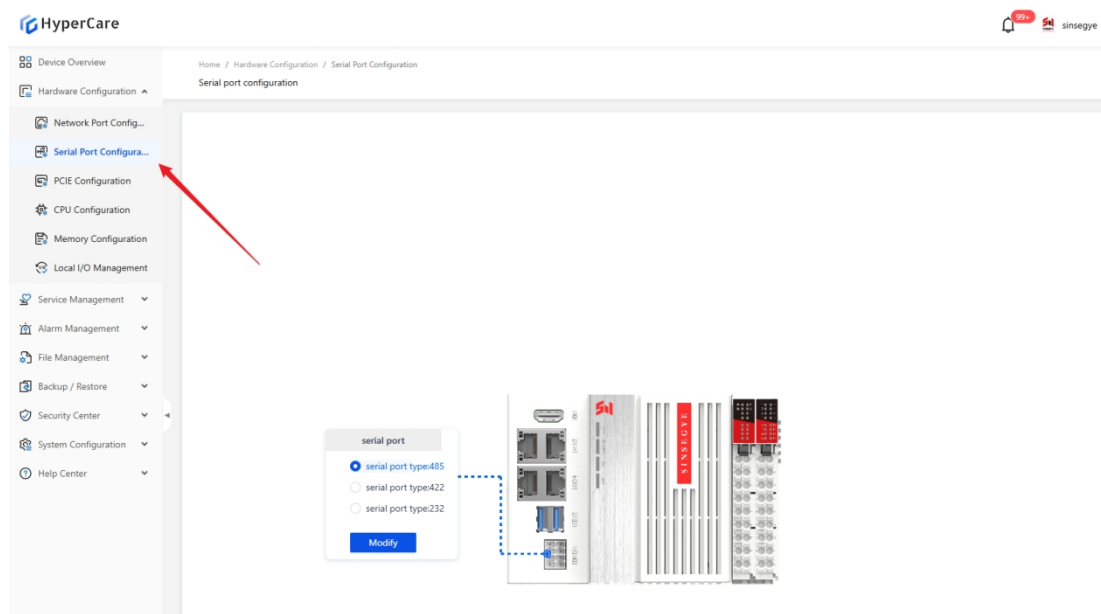
Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX21	SX2133 Type I	SX2133 Type II		
SX51	SX5132-XXXX	SX5164-XXXX	SX5100-XXXX	X represents any single digit.
SX52	SX5232-XXXX	SX5264-XXXX	SX5200-XXXX	X represents any single digit.
SX58	SX5820-010X	SX5820-000X		X represents any single digit.

3.2.2 Function Introduction

This function is used to view and modify the serial port mode of the real-time domain.

3.3.3 Usage Details

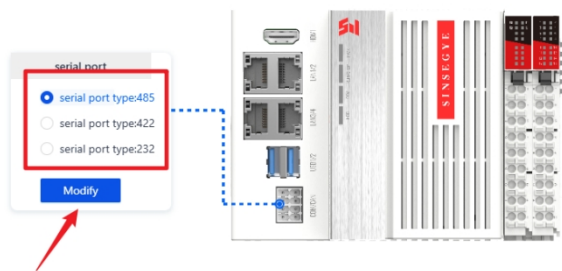
Enter the page



Serial port switching

Select the corresponding serial port type \[485/422/232] based on on-site requirements.

After completing the configuration changes, be sure to click the "Modify" button for the changes to take effect.



Important notes

- Please perform the configuration in a non-production environment.

3.3 PCIE Settings

3.3.1 Scope of Application

Built-in PCIE configuration

Product Model 1	Product Model 2	Product Model 3	Description
SP7010-1211			Only products with model number ending in 1 are supported.
SP7020-2231	SP7020-7231		Only products with model number ending in 1 are supported.
SP7022-2231	SP7022-7231		Only products with model number ending in 1 are supported.
SP5040-3331	SP5040-4331		Only products with model number ending in 1 are supported.
SX2133 Type II			

SX5232-XXXX	SX5264-XXXX	SX5200-XXXX	X represents any single digit.
-------------	-------------	-------------	--------------------------------

Expanded PCIE configuration

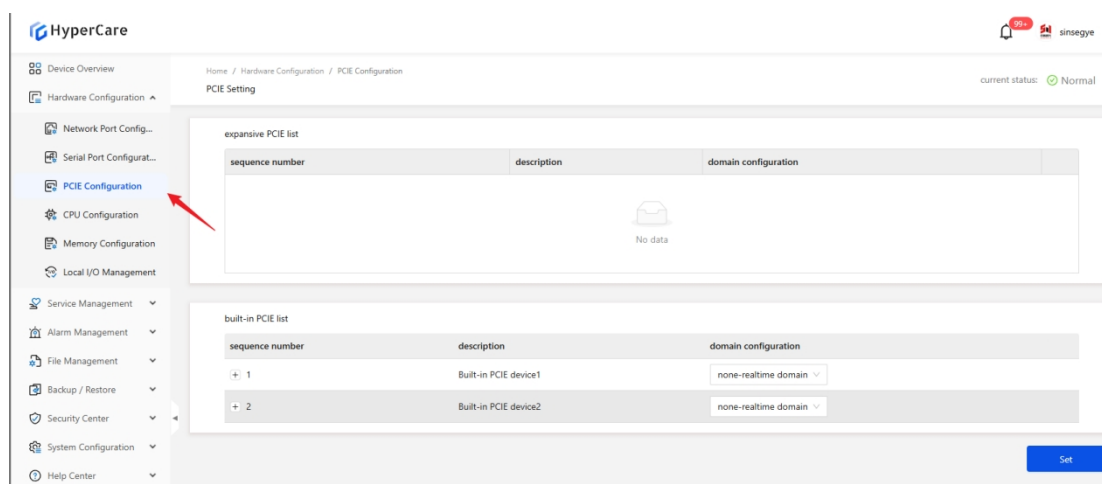
Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX7022	SP7022-2231	SP7022-7231		Only products with model number ending in 1 are supported.
SX5040	SP5040-3331	SP5040-4331		Only products with model number ending in 1 are supported.
SX21	SX2133 Type II			Only products with model number ending in 1 are supported.

3.3.2 Function Introduction

This function is used to configure the settings of built-in or extended PCIE device domains.

3.3.3 Usage Details

Enter the page



Built-in PCIE

The built-in PCIE list displays the integrated built-in NIC of the iComputer. Users can modify domain configurations and select a corresponding NIC to use in the non-real-time domain (Windows) or real-time domain (Linux).

expansive PCIE list

sequence number	description	domain configuration
No data		

built-in PCIE list

sequence number	description	domain configuration
+ 1	Built-in PCIE device1	none-realtime domain
+ 2	Built-in PCIE device2	none-realtime domain

Set

Click the \[+] button in the front of the device number to expand the details.

expansive PCIE list

sequence number	description	domain configuration
No data		

built-in PCIE list

sequence number	description	domain configuration
+ 1	Built-in PCIE device1	none-realtime domain
- 2	Built-in PCIE device2	none-realtime domain
2-1	Intel Corporation I210 Gigabit Network Connection (LAN4)	

Set

View the LANx corresponding to the device.

expansive PCIE list

sequence number	description	domain configuration
No data		

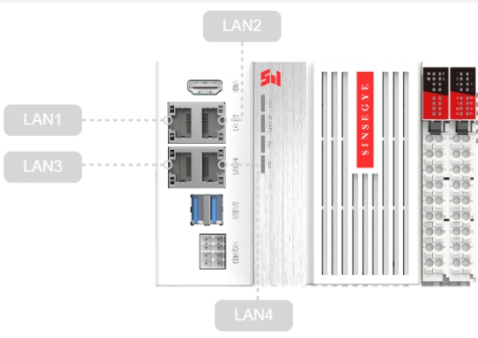
built-in PCIE list

sequence number	description	domain configuration
1	Built-in PCIE device1	none-realtime domain
1-1	Intel Corporation I210 Gigabit Network Connection (LAN3)	
- 2	Built-in PCIE device2	none-realtime domain
2-1	Intel Corporation I210 Gigabit Network Connection (LAN4)	

Set

Based on LANx, return to the \[Network Port Configuration] page to view the correspondence in the port information (or directly corresponding to the LANx printed on the physical device).

Home / Hardware Configuration / Network Port Configuration
Network Port Configuration



name	NIC name	MAC address	IP address	network port type	operation
LAN1	enp4s0	34:df:20:05:bf:90	192.168.110.104	Ethernet card	Set
LAN2	enp5s0	34:df:20:05:bf:91	192.168.110.157	Ethernet card	Set
LAN3	--	/	--	virtual network card	Set
LAN4	--	/	--	virtual network card	Set

Select the NIC to configure, click the dropdown menu, and modify the domain configuration to \[Real-time Domain] or \[Non-Real-Time Domain].

After completing the configuration changes, click the \[Set] button to display a prompt window.

expansive PCIE list

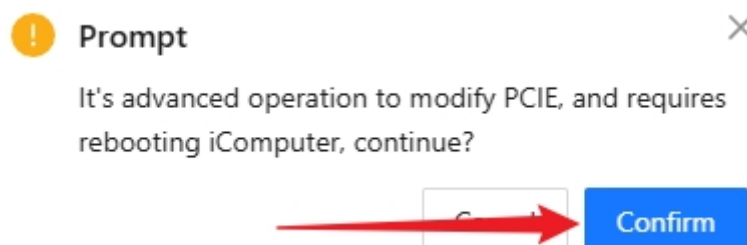
sequence number	description	domain configuration
No data		

built-in PCIE list

sequence number	description	domain configuration
1	Built-in PCIE device1	realtime domain
1-1	Intel Corporation I210 Gigabit Network Connection (LAN3)	realtime domain
2	Built-in PCIE device2	realtime domain

[Set](#)

After clicking \[Confirm], you need to manually restart the device, and at this time, the PCIE status changes to \[Waiting for Power off to Restart].



When the domain is configured as \[Non-Real-Time Domain], the corresponding network port information will show the type as \[Virtual NIC]. This NIC is used for non-real-time domains (Windows). To configure it, relevant operations must be performed in Windows, as the

SF8010 webpage no longer supports the configuration.

When configuring the NIC domain settings of EtherCAT, if you modify it to a non-real-time domain and then change it back to a real-time domain, the NIC will enter the \[Disabled] state. To use this NIC again, you need to reset it in the network port configuration.

Expanded PCIE

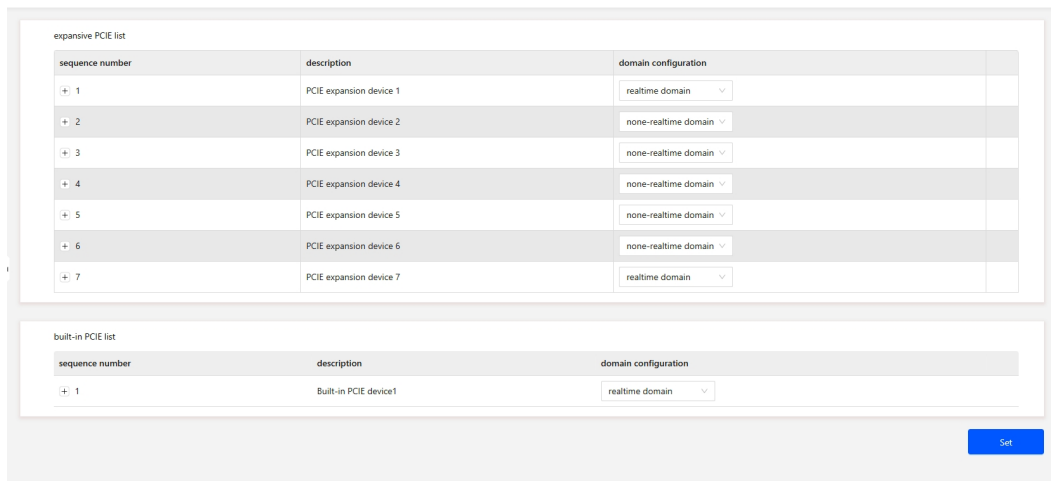
SX2133 Type II has verified expandable modules: four-port Ethernet module, two-port Ethernet module, serial/CAN module, and decoding module (for multiple expansion connections, and the decoding module shall be placed last).

SP7022-2231 has verified expandable modules: P1000 graphics card, RTX 3060 graphics card, 2-port 422/485 serial port card, 4-port NIC, 6-port NIC, GT 730 graphics card, and PCIe-9110I CAN card.

SP5040-3331 has verified expandable modules: P1000 graphics card, RTX 3060 graphics card, RTX 3080 graphics card, RTX 4060 graphics card, 2-port 422/485 serial port card, 4-port NIC, 6-port NIC, GT 730 graphics card, PCIe-9110I CAN card, PCI CAN card, PCI network port card, and PCI serial port card.

SP5040-4331 has verified expandable modules: P1000 graphics card, RTX 3060 graphics card, RTX 3080 graphics card, RTX 4060 graphics card, 2-port 422/485 serial port card, 4-port NIC, 6-port NIC, GT 730 graphics card, PCIe-9110I CAN card, PCI CAN card, PCI network port card, and PCI serial port card.

The expanded PCIE list displays devices connected externally to the iComputer (if no devices are connected, this list will be empty by default). Installing or removing expanded PCIE modules must be performed while the device is powered off. After connecting the device, it will appear in the extended PCIE list. The default domain configuration for newly connected devices is set to \[Non-Real-Time Domain].



sequence number	description	domain configuration
+ 1	PCIe expansion device 1	realtime domain
+ 2	PCIe expansion device 2	none-realtime domain
+ 3	PCIe expansion device 3	none-realtime domain
+ 4	PCIe expansion device 4	none-realtime domain
+ 5	PCIe expansion device 5	none-realtime domain
+ 6	PCIe expansion device 6	none-realtime domain
+ 7	PCIe expansion device 7	realtime domain

sequence number	description	domain configuration
+ 1	Built-in PCIE device1	realtime domain

Set

Users can modify domain configurations and select a corresponding NIC to use in the non-real-time domain (Windows) or real-time domain (Linux).

Select the connected expansion device, click the dropdown box, and modify the domain configuration.

expansive PCIe list

sequence number	description	domain configuration
+ 1	PCIe expansion device 1	realtime domain
+ 2	PCIe expansion device 2	none-realtime domain
+ 3	PCIe expansion device 3	none-realtime domain
+ 4	PCIe expansion device 4	none-realtime domain
+ 5	PCIe expansion device 5	none-realtime domain
+ 6	PCIe expansion device 6	none-realtime domain
+ 7	PCIe expansion device 7	realtime domain

built-in PCIe list

sequence number	description	domain configuration
+ 1	Built-in PCIe device1	realtime domain

Set

After completing the configuration changes, click the \[Set] button to display the confirmation prompt window.

expansive PCIe list

sequence number	description	domain configuration
+ 1	PCIe expansion device 1	realtime domain
+ 2	PCIe expansion device 2	none-realtime domain
+ 3	PCIe expansion device 3	none-realtime domain
+ 4	PCIe expansion device 4	none-realtime domain
+ 5	PCIe expansion device 5	none-realtime domain
+ 6	PCIe expansion device 6	none-realtime domain
+ 7	PCIe expansion device 7	realtime domain

built-in PCIe list

sequence number	description	domain configuration
+ 1	Built-in PCIe device1	realtime domain

Set

After clicking \[Confirm], the device needs to be restarted manually, and at this time, the PCIe status changes to \[Waiting for Power off to Restart].

If an adapted graphics card is connected, the iComputer will default to outputting the desktop display from the external graphics card after startup, while the built-in integrated graphics will no longer output the desktop (the integrated graphics still has output before entering the desktop).

If an expansion device applied to a non-real-time domain is unplugged from the iComputer, the extended PCIe list will display the device as \[Missing Device] after the next power-on.

When there is a \[Missing Device], you must first \[Clean up Invalid Devices] before configuring the PCIe domains for other devices.

Important notes

- The default domain configuration for a newly connected PCIe expansion module is set to

\[Non-Real-Time Domain].

- If an adapted graphics card is connected, the iComputer will default to outputting the desktop display from the external graphics card after startup, while the built-in integrated graphics will no longer output the desktop (the integrated graphics still has output before entering the desktop).
- When there is a \[Missing Device], you must first \[Clean up Invalid Devices] before configuring the PCIE domains for other devices.
- When configuring the NIC domain settings of EtherCAT, if you modify it to a non-real-time domain and then change it back to a real-time domain, the NIC will remain in a \[Disabled] state. To use it again, you must reconfigure it.
- It is recommended to restart immediately after modifying domain configurations. Potential issues may occur if it is not restarted immediately.
- Please perform configuration modifications in a non-production environment.

3.4 CPU Configuration

3.4.1 Scope of Application

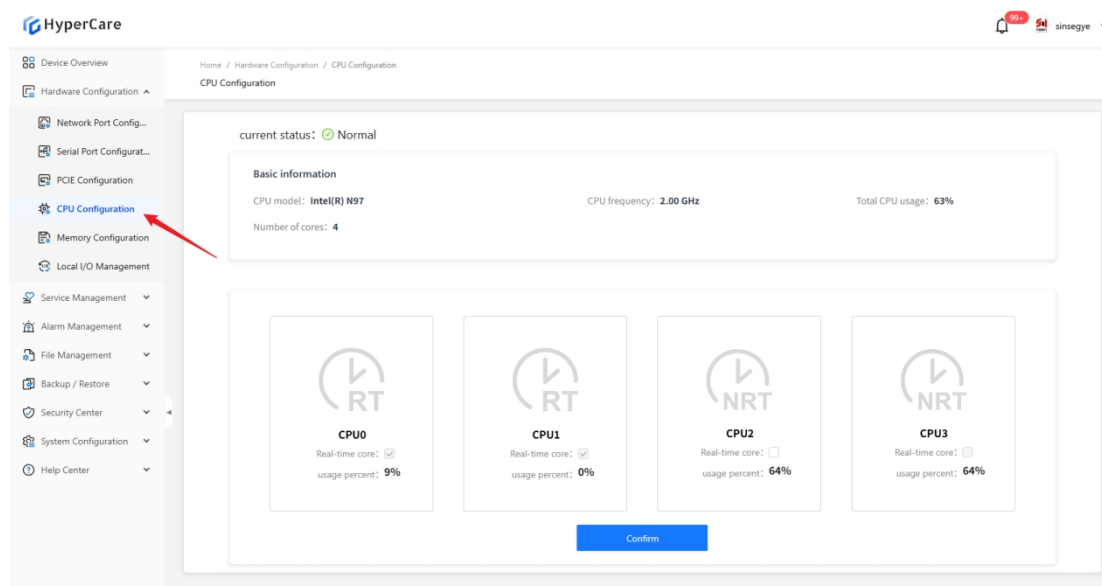
It is applicable to all adapted models.

3.4.2 Function Introduction

This function is used for CPU core partitioning. \[RT] stands for real-time domain core partitioning. \[NRT] stands for non-real-time domain core partitioning.

3.4.3 Usage Details

Enter the page



Modification of cores

Check the CPU box to assign it to real-time domain; uncheck it to assign it to non-real-time

domain

current status:  Normal

Basic information
CPU model: Intel(R) N97
CPU frequency: 2.00 GHz
Total CPU usage: 40%
Number of cores: 4


CPU0
Real-time core: ☒
usage percent: 0%


CPU1
Real-time core: ☒
usage percent: 0%

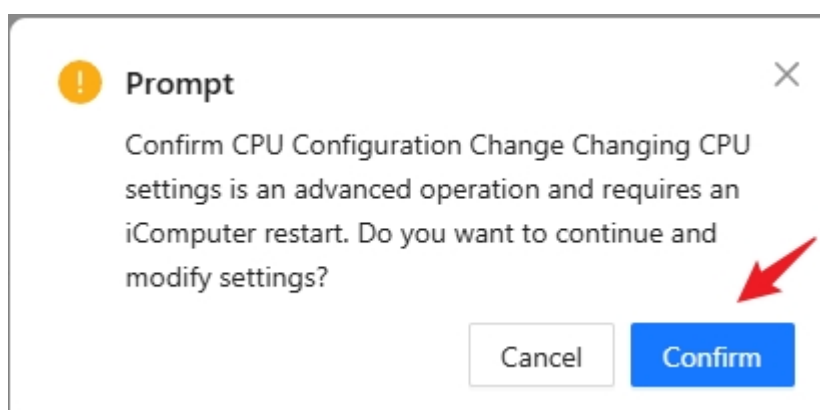

CPU2
Real-time core: ☒
usage percent: 78%


CPU3
Real-time core: ☐
usage percent: 70%

Confirm

After completing the multi-core configuration, click the [OK] button.

The system will display a confirmation prompt. Click [Confirm] to enter the waiting page.



After completing the configuration modification, you need to manually restart the device, and at this time, the CPU status changes to [Waiting for Restart].

current status machine ⚠️ Waiting for restart Please restart iComputer

Basic information

CPU model: Intel(R) N97 CPU frequency: 2.00 GHz Total CPU usage: 87%

Number of cores: 4


CPU0
 Real-time core: ☒
 usage percent: 0%


CPU1
 Real-time core: ☒
 usage percent: 0%


CPU2
 Real-time core: ☐
 usage percent: 60%


CPU3
 Real-time core: ☐
 usage percent: 64%

Confirm

Important notes

- After modifying the CPU configuration, it is recommended to restart the system immediately. Potential issues may occur if it is not restarted immediately.
- When modifying CPU configurations in a non-production environment, care must be taken to avoid impacting the system stability.

3.5 Memory Configuration

3.5.1 Scope of Application

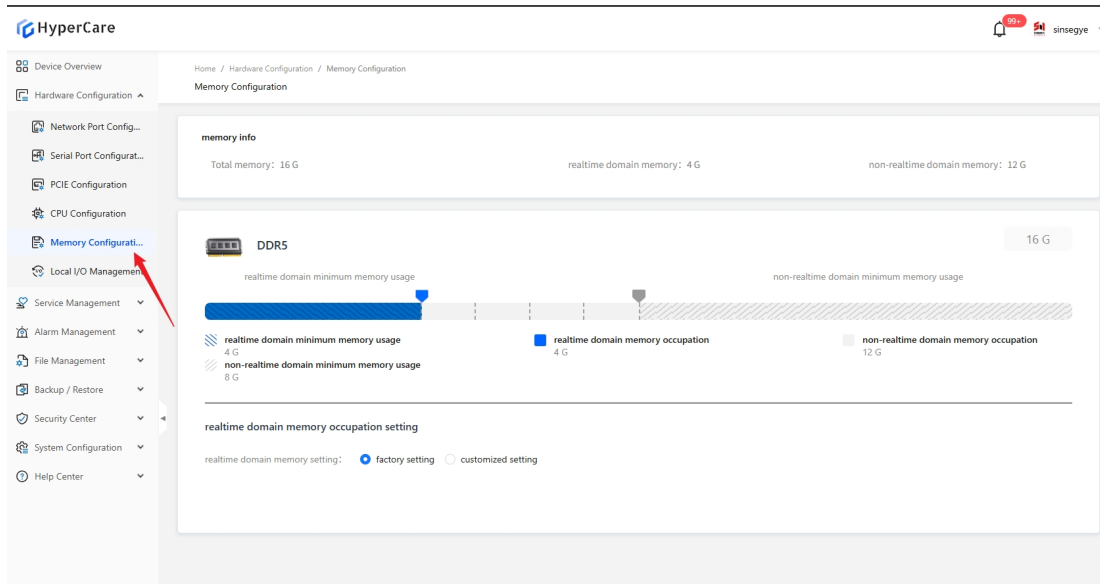
Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX7010	SP7010-1211			Only products with model number ending in 1 are supported.
SX7020	SP7020-2231	SP7020-7231		Only products with model number ending in 1 are supported.
SX7022	SP7022-2231	SP7022-7231		Only products with model number ending in 1 are supported.
SX5040	SP5040-3331	SP5040-4331		Only products with model number ending in 1 are supported.
SX21	SX2133 Type II			
SX52	SX5232-XXXX	SX5264-XXXX	SX5200-XXXX	X represents any single digit.

3.5.2 Function Introduction

This function is used to manage memory allocation between real-time and non-real-time domains.

3.5.3 Usage Details

Enter the page



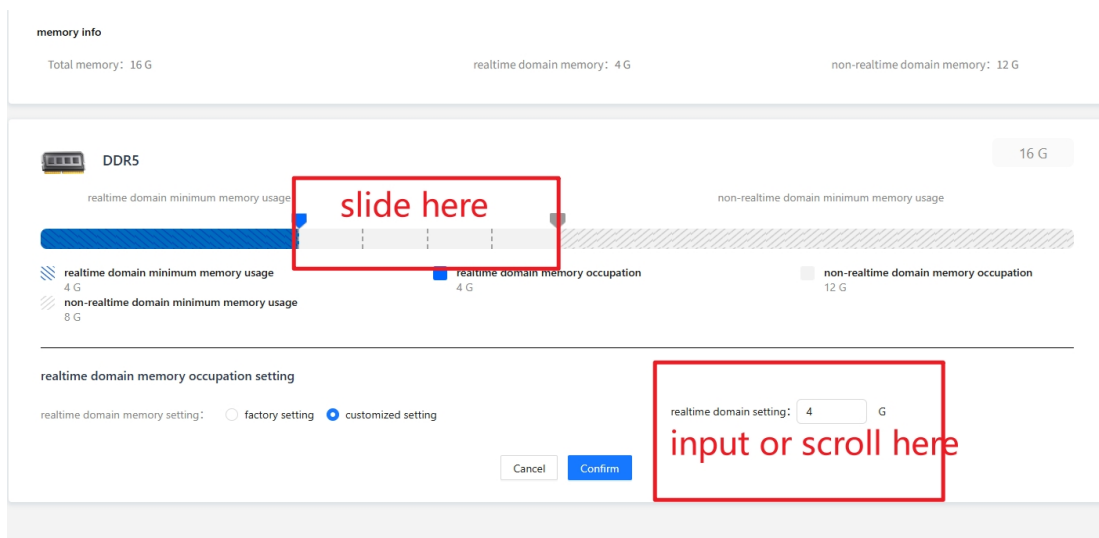
Modify memory

Drag the blue slider to modify memory allocation.

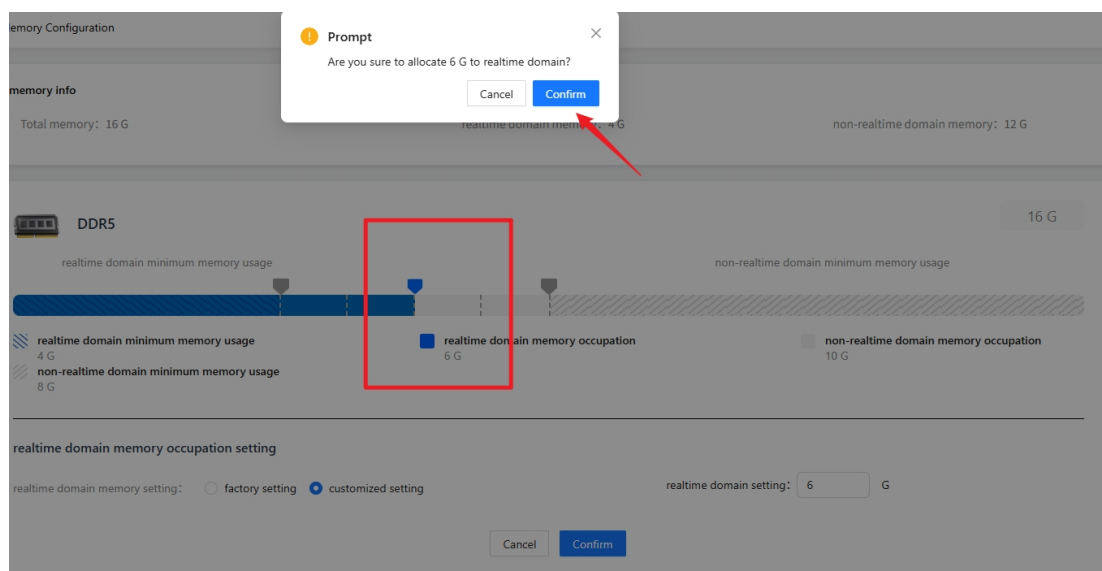
Or: after selecting \[Custom Settings], modify the memory by entering numbers.

Or: after selecting \[Custom Settings], adjust the memory by clicking the arrows.

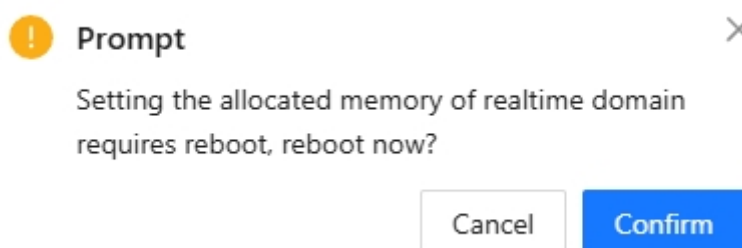
After completing memory modification, click the \[OK] button. The system will display a confirmation prompt.



Click \[Confirm] to enter the waiting page.

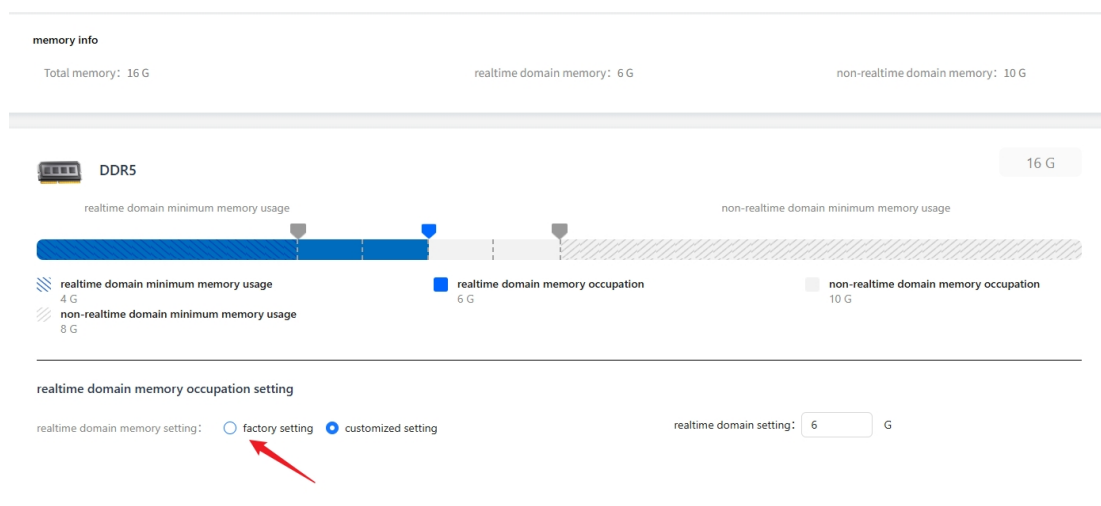


After the waiting page loads, a restart prompt window will pop up. You can choose to click the \[Confirm] button to restart immediately to restart.

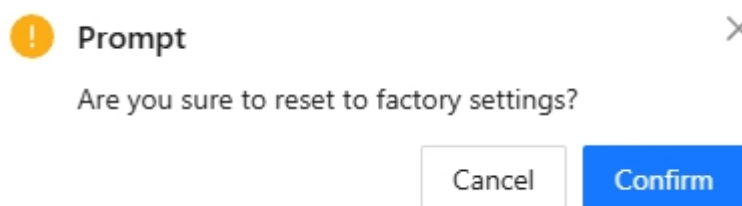


Restore factory settings

After clicking the \[Factory Settings] button



Click the \[Confirm] button. The system will display a confirmation prompt.



Click \[Confirm] to enter the waiting page.

After the waiting page loads, a restart prompt window will pop up. You can choose to click the \[Confirm] button to restart immediately.

Important notes

- When modifying the memory, pay attention to the thresholds of \[**Minimum Memory Used by Real-time Domain**] and \[**Minimum Memory Used by Non-real-time Domain**]. Memory cannot be modified if the value is lower than the thresholds.
- It is recommended to restart the system immediately after modifying the memory configuration. Potential issues may occur if it is not restarted immediately.
- When modifying the memory configuration in a non-production environment, care must be taken to avoid impacting the system stability.

3.6 Local I/O Management

3.6.1 Scope of Application

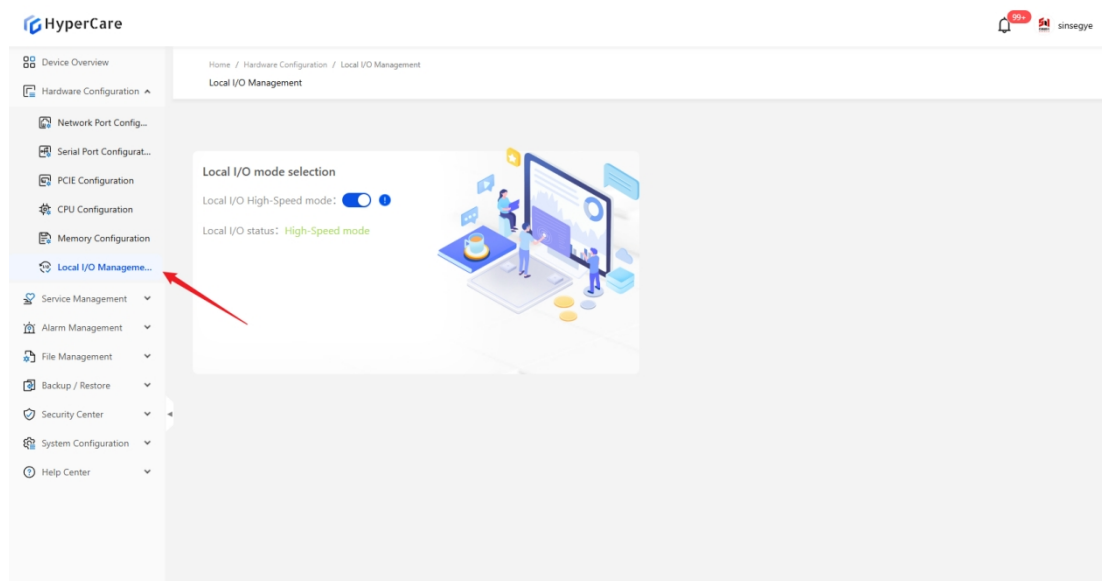
Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX21	SX2133 Type I	SX2133 Type II		
SX51	SX5132-XXXX	SX5164-XXXX	SX5100-XXXX	X represents any single digit.
SX52	SX5232-XXXX	SX5264-XXXX	SX5200-XXXX	X represents any single digit.
SX58	SX5820-010X	SX5820-000X		X represents any single digit.

3.6.2 Function Introduction

When this function is enabled, local IO will be switched to high-speed mode.

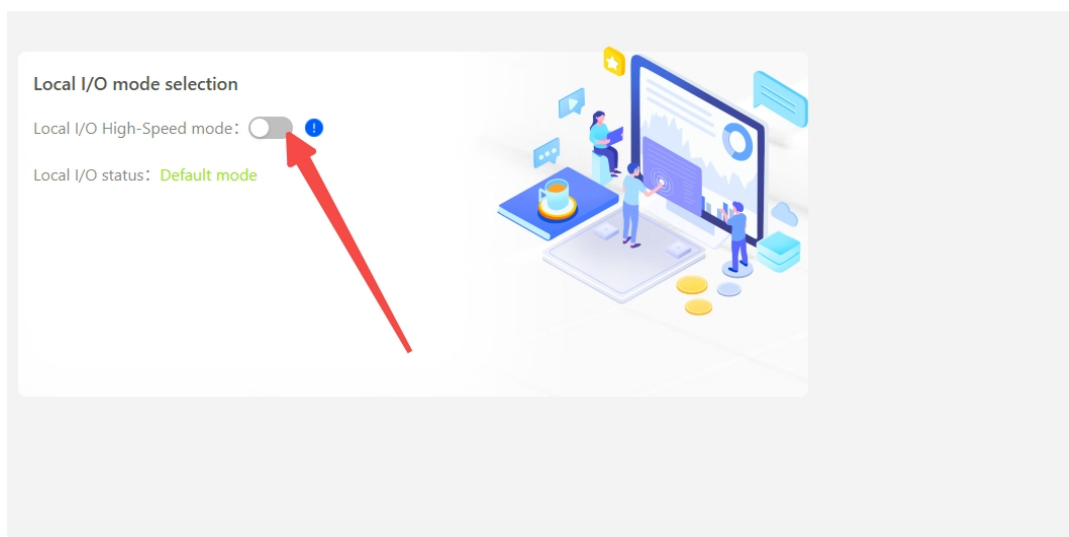
3.6.3 Usage Details

Enter the page

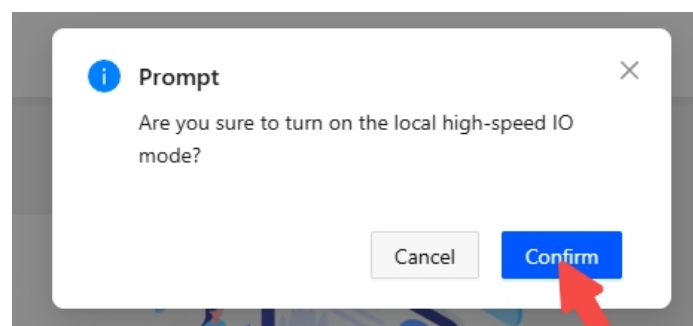


Enable local IO high-speed mode

After clicking the \[Local IO High-Speed Mode] switch, a confirmation prompt will pop up.

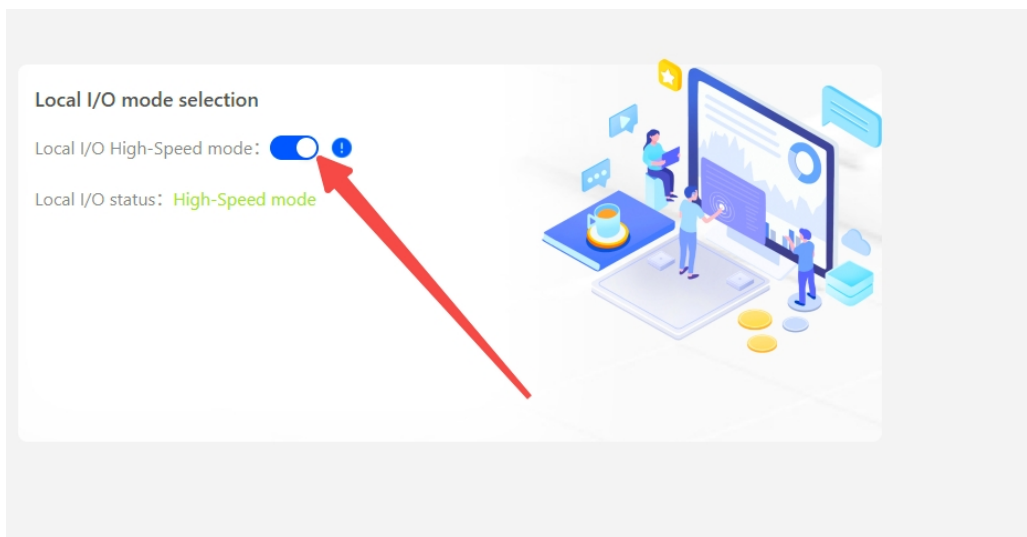


Clicking the \[Confirm] button will enable local IO mode.

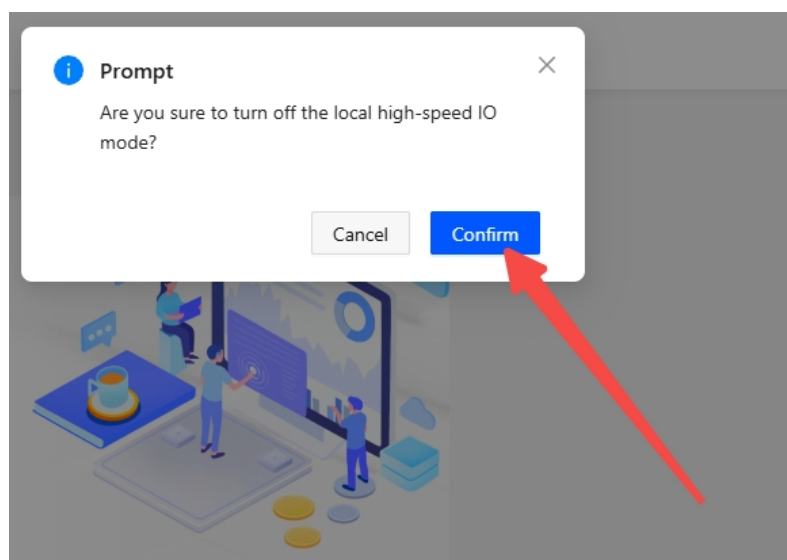


Disable local IO high-speed mode

After clicking the \[Local IO High-Speed Mode] switch, a confirmation prompt will pop up.



Clicking the [Confirm] button will disable local IO mode.



3.7 Small Screen Configuration

3.7.1 Scope of Application

Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX21	SX2133 Type I	SX2133 Type II		

3.7.2 Function Introduction

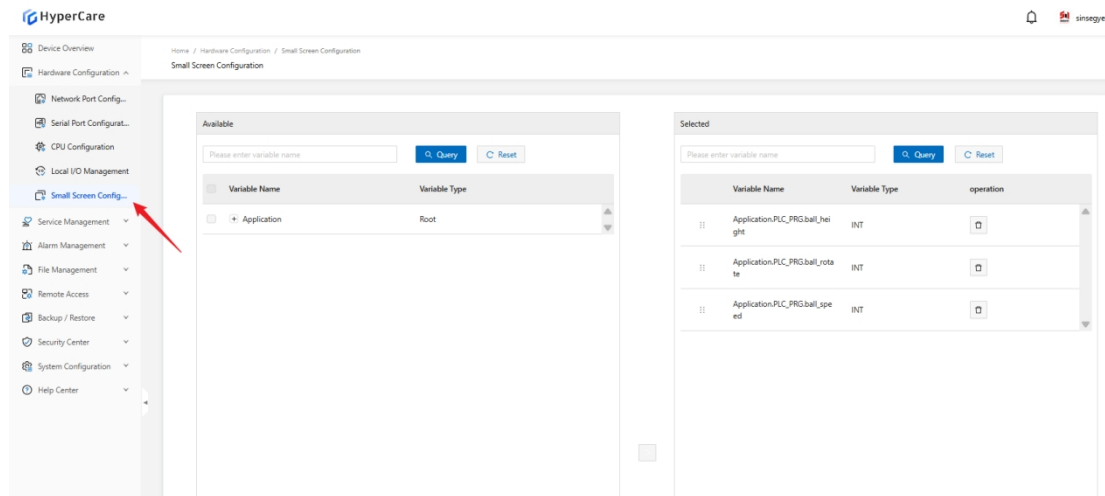
Enabling this feature will dynamically display the selected ACP variable names and values in a loop on the small screen.

It supports the display of up to 20 variables.

Only simple data types are supported; structure types are not supported.

3.7.3 Usage Details

Enter the page

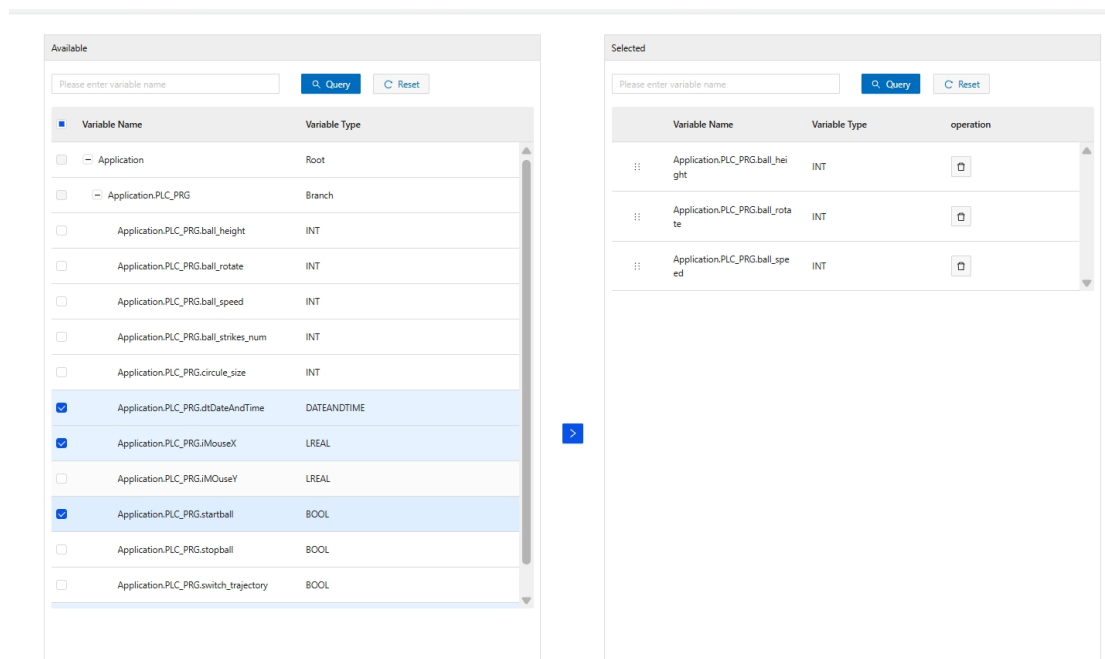


The Available list on the left is folded by default and can be unfolded as long as there is a running PLC project. If there isn't one, it cannot be unfolded.

The Selected list on the right shows the variable list that was last deployed to the iComputer for display.

Add variables that need to be displayed

When a project is running on the iComputer, you can click the “+” sign in front of the cascading options on the left to unfold and load available ACP variables layer by layer.



After loading the variables needed, check the box on the left, then click the highlighted arrow in the center of the page to add the selected variables to the right.

Adjust and remove variables to be displayed

In the “Selected List” box on the right, you can drag the six-dot icon on the left to adjust the

display order of variables on the iComputer.

Click the “Trash can” icon on the right to remove corresponding variables from the selection.

Note: The display order of variables on the small screen of the iComputer matches the top-to-bottom order in this list.

Selected

Query Reset

	Variable Name	Variable Type	operation
::	Application.PLC_PRG. ball_height	INT	
::	Application.PLC_PRG. ball_rotate	INT	
::	Application.PLC_PRG. ball_speed	INT	
::	Application.PLC_PRG. dtDateAndTime	DATEANDTIME	
::	Application.PLC_PRG. startball	BOOL	
::	Application.PLC_PRG. trajectory	INT	
::	Application.PLC_PRG. iMouseX	LREAL	


**adjust
order**


delete

DeployCancel

Distribute Configuration

The [Distribute Configuration] button will be activated when the variable names or variable

display order in the selected list on the right changes. The user can click this button to send the variables to be displayed and their order information to the iComputer, resulting in corresponding display changes on the small screen.

If [Cancel] is clicked, no changes will occur.

Filter Query

In both the available list and selected list, you can search by entering partial content of variable names. Enter partial or complete strings of variable names, click the blue [Query] button to apply filter conditions, or click the white [Reset] button to clear all filter conditions.

Note: Case sensitive

Important Notes

- ACP variables are displayed in a hierarchical unfolding manner. If there are many variables (e.g., tens of thousands), unfolding and refreshing the page may take 1-2 seconds. During this time, the scroll bar on the right side of the left cascading selection box can be continuously scrolled down to refresh the available ACP variables.
- If some variables sent to the iComputer become invalid due to engineering changes or other reasons, they are skipped during display, and the remaining variables are shifted up in order.

4. Service Management

4.1 System Services

4.1.1 Scope of Application

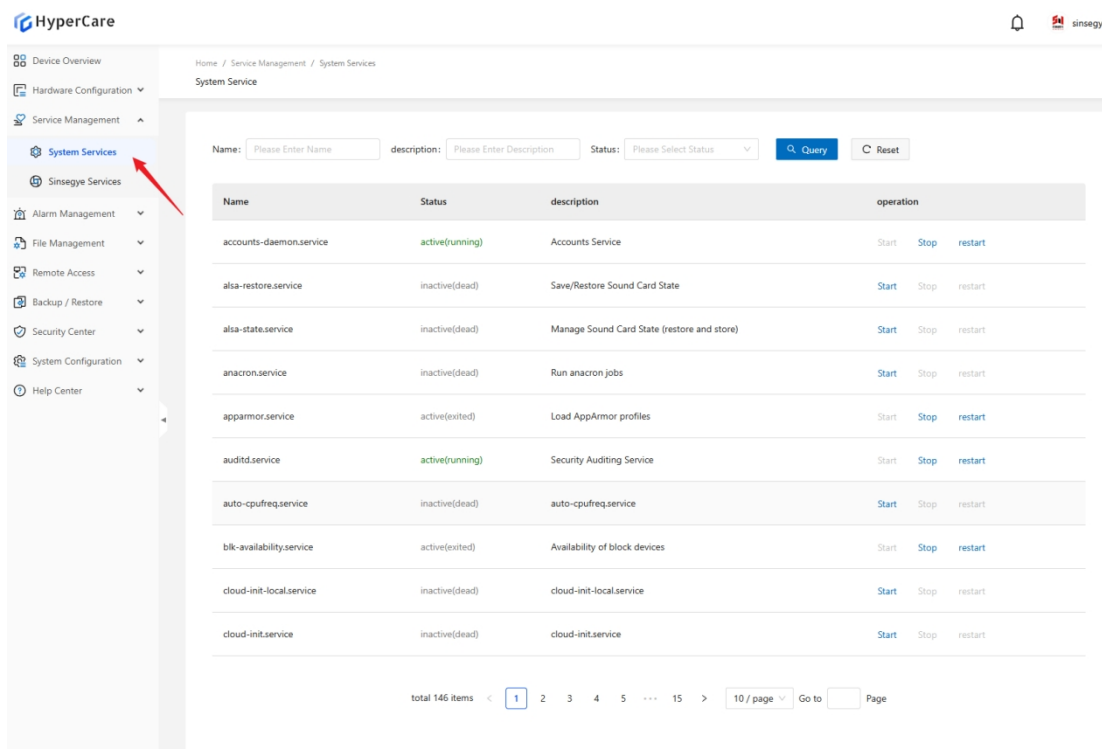
Applicable to all adapted models.

4.1.2 Function Introduction

Unfold system built-in services - excluding Sinsegye services, and enable start/stop operations for specific services.

4.1.3 Usage Details

Enter page



HyperCare

Home / Service Management / System Services

System Service

Name: description: Status:

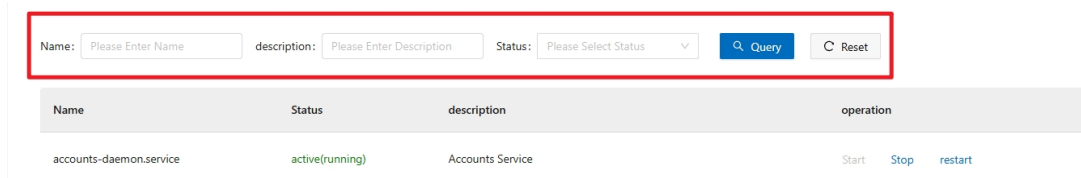
Name	Status	description	operation
accounts-daemon.service	active(running)	Accounts Service	Start Stop restart
alsa-restore.service	inactive(dead)	Save/Restore Sound Card State	Start Stop restart
alsa-state.service	inactive(dead)	Manage Sound Card State (restore and store)	Start Stop restart
anacron.service	inactive(dead)	Run anacron jobs	Start Stop restart
apparmor.service	active(exited)	Load AppArmor profiles	Start Stop restart
auditd.service	active(running)	Security Auditing Service	Start Stop restart
auto-cpufreq.service	inactive(dead)	auto-cpufreq.service	Start Stop restart
blk-availability.service	active(exited)	Availability of block devices	Start Stop restart
cloud-init-local.service	inactive(dead)	cloud-init-local.service	Start Stop restart
cloud-init.service	inactive(dead)	cloud-init.service	Start Stop restart

total 146 items < 1 2 3 4 5 ... 15 > 10 / page Go to Page

Filter Query

Search by name, description, or status. Click the blue [Query] button to apply filter conditions, or click the white [Reset] button to clear all filter conditions.

Note: Case sensitive



Name: description: Status:

Name	Status	description	operation
accounts-daemon.service	active(running)	Accounts Service	Start Stop restart

Stop Service

Select a service in “Active” status, click the [Stop] button in the right operation bar, and the service will stop.

Stopping the service may cause some functions to malfunction, requiring user’s secondary confirmation.

If the user selects [Confirm], the service will stop running.

Home / Service Management / System Services

System Service

Name: description: Status:

Warning

Stopping or restarting the service may cause some functions to malfunction. Please confirm:

Name	Status	description	operation
cloud-init.service	inactive(dead)	cloud-init.service	Start Stop restart
collectd-clockchange.service	inactive(dead)	Restart collectd and backup config on clock change	Start Stop restart
collectd.service	active(running)	Statistics collection and monitoring daemon	Start Stop restart
colord.service	active(running)	Manage, Install and Generate Color Profiles	Start Stop restart
console-screen.service	inactive(dead)	console-screen.service	Start Stop restart
console-setup.service	active(exited)	Set console font and keymap	Start Stop restart
containerd.service	active(running)	containerd container runtime	Start Stop restart
cron.service	active(running)	Regular background program processing daemon	Start Stop restart
cups-browsed.service	inactive(dead)	cups-browsed.service	Start Stop restart
cups.service	inactive(dead)	cups.service	Start Stop restart

total 145 items < 1 2 3 4 5 ... 15 > 10 / page Go to Page

Name: description: Status:

Name	Status	description	operation
cloud-init.service	inactive(dead)	cloud-init.service	Start Stop restart
collectd-clockchange.service	inactive(dead)	Restart collectd and backup config on clock change	Start Stop restart
collectd.service	active(running)	Statistics collection and monitoring daemon	Start Stop restart
colord.service	active(running)	Manage, Install and Generate Color Profiles	Start Stop restart
console-screen.service	inactive(dead)	console-screen.service	Start Stop restart
console-setup.service	active(exited)	Set console font and keymap	Start Stop restart
containerd.service	inactive(dead)	containerd container runtime	Start Stop restart
cron.service	active(running)	Regular background program processing daemon	Start Stop restart
cups-browsed.service	inactive(dead)	cups-browsed.service	Start Stop restart
cups.service	inactive(dead)	cups.service	Start Stop restart

total 145 items < 1 2 3 4 5 ... 15 > 10 / page Go to Page

Start Service

Select a service that is not running, click the [Start] button in the right operation bar, and the service will start if the conditions are met.

Name:
description:
Status:

Name	Status	description	operation		
cloud-init.service	inactive(dead)	cloud-init.service	Start	Stop	restart
collectd-clockchange.service	inactive(dead)	Restart collectd and backup config on clock change	Start	Stop	restart
collectd.service	active(running)	Statistics collection and monitoring daemon	Start	Stop	restart
colord.service	active(running)	Manage, Install and Generate Color Profiles	Start	Stop	restart
console-screen.service	inactive(dead)	console-screen.service	Start	Stop	restart
console-setup.service	active(exited)	Set console font and keymap	Start	Stop	restart
containerd.service	inactive(dead)	containerd container runtime	Start	Stop	restart
cron.service	active(running)	Regular background program processing daemon	Start	Stop	restart
cups-browsed.service	inactive(dead)	cups-browsed.service	Start	Stop	restart
cups.service	inactive(dead)	cups.service	Start	Stop	restart

total 145 items < 1 2 3 4 5 ... 15 >
 / page
 Page

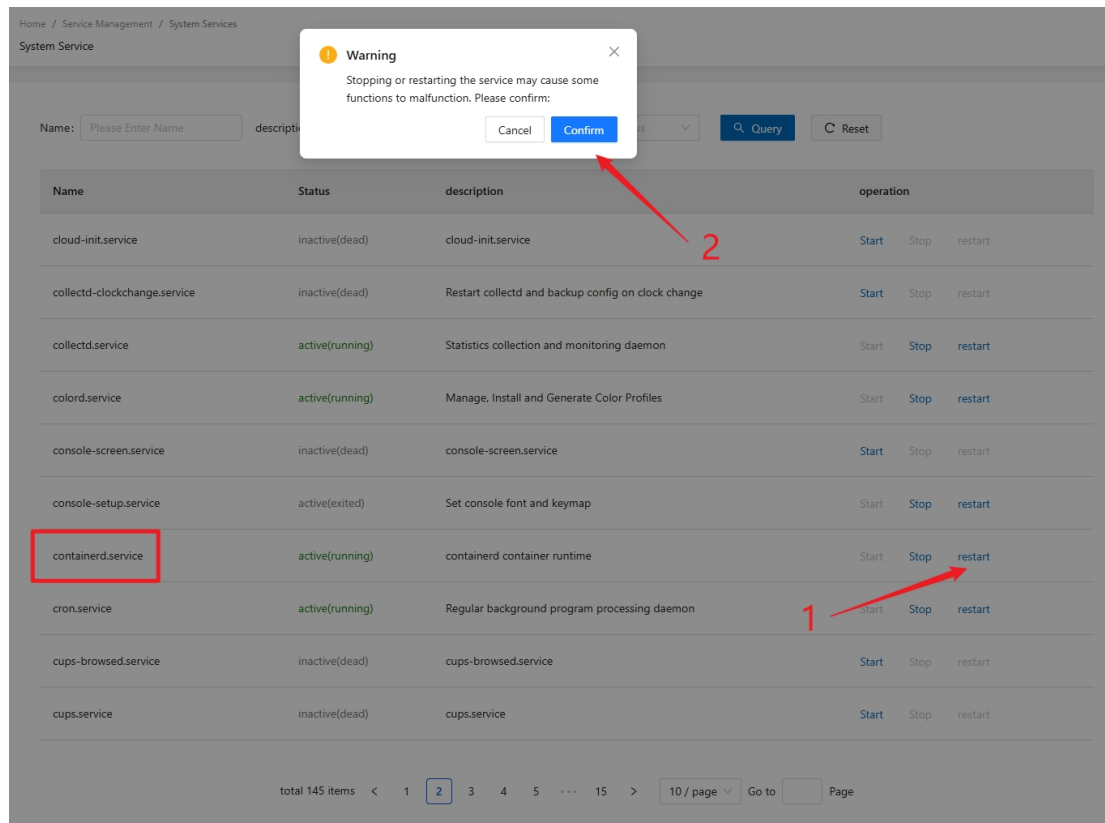
Starting the service may take several seconds, and the page will be automatically refreshed after startup.

Name	Status	description	operation		
cloud-init.service	inactive(dead)	cloud-init.service	Start	Stop	restart
collectd-clockchange.service	inactive(dead)	Restart collectd and backup config on clock change	Start	Stop	restart
collectd.service	active(running)	Statistics collection and monitoring daemon	Start	Stop	restart
colord.service	active(running)	Manage, Install and Generate Color Profiles	Start	Stop	restart
console-screen.service	inactive(dead)	console-screen.service	Start	Stop	restart
console-setup.service	active(exited)	Set console font and keymap	Start	Stop	restart
containerd.service	active(running)	containerd container runtime	Start	Stop	restart
cron.service	active(running)	Regular background program processing daemon	Start	Stop	restart
cups-browsed.service	inactive(dead)	cups-browsed.service	Start	Stop	restart
cups.service	inactive(dead)	cups.service	Start	Stop	restart

Restart Service

For a running service, if you need to shut it down and start it again, there's a convenient method: [Restart] the service.

Select the [Restart] button in the right operation bar of the service, then choose [Confirm] in the prompt.



Important Notes

- Do not stop a service if not necessary, in a bid to avoid causing unnecessary service interruptions.
- For services showing "inactive(dead)" status during first load, most fail to meet startup conditions while some exit immediately after starting. Clicking [Start] may result in unchanged status in such cases, and don't worry about it.

4.2 Core Services

4.2.1 Scope of Application

Applicable to all adapted models.

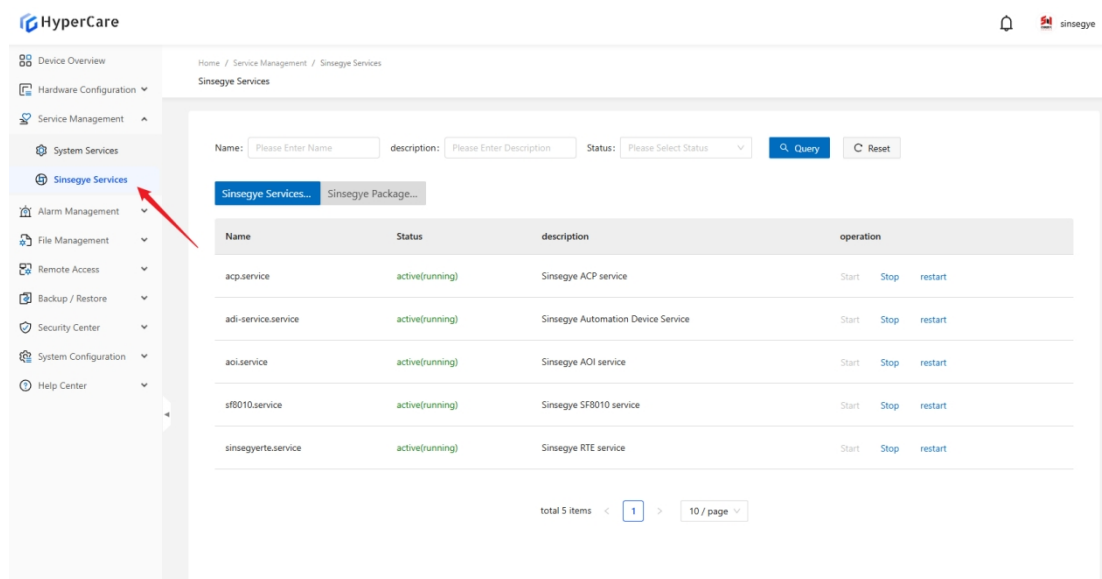
4.2.2 Function Introduction

Display the core services of the system and enable start/stop operations for specific services.

Display the system core packages and allow querying detailed package information.

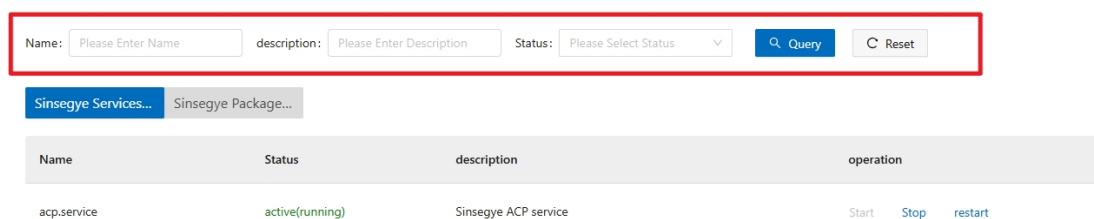
4.1.3 Usage Details

Enter page



Filter Query

Search by name, description, or status. Click the blue [Query] button to apply filter conditions, or click the white [Reset] button to clear all filter conditions.



Stop Service

Select a service in “Active” status, click the [Stop] button in the right operation bar, and the service will stop.

Stopping the service may cause some functions to malfunction, requiring user’s secondary confirmation.

If the user selects [Confirm], the service will stop running.

Start Service

Select a service that is not running, click the [Start] button in the right operation bar, and the service will start if the conditions are met.

Starting the service may take several seconds; refresh the page afterward. The service can be seen as started again.

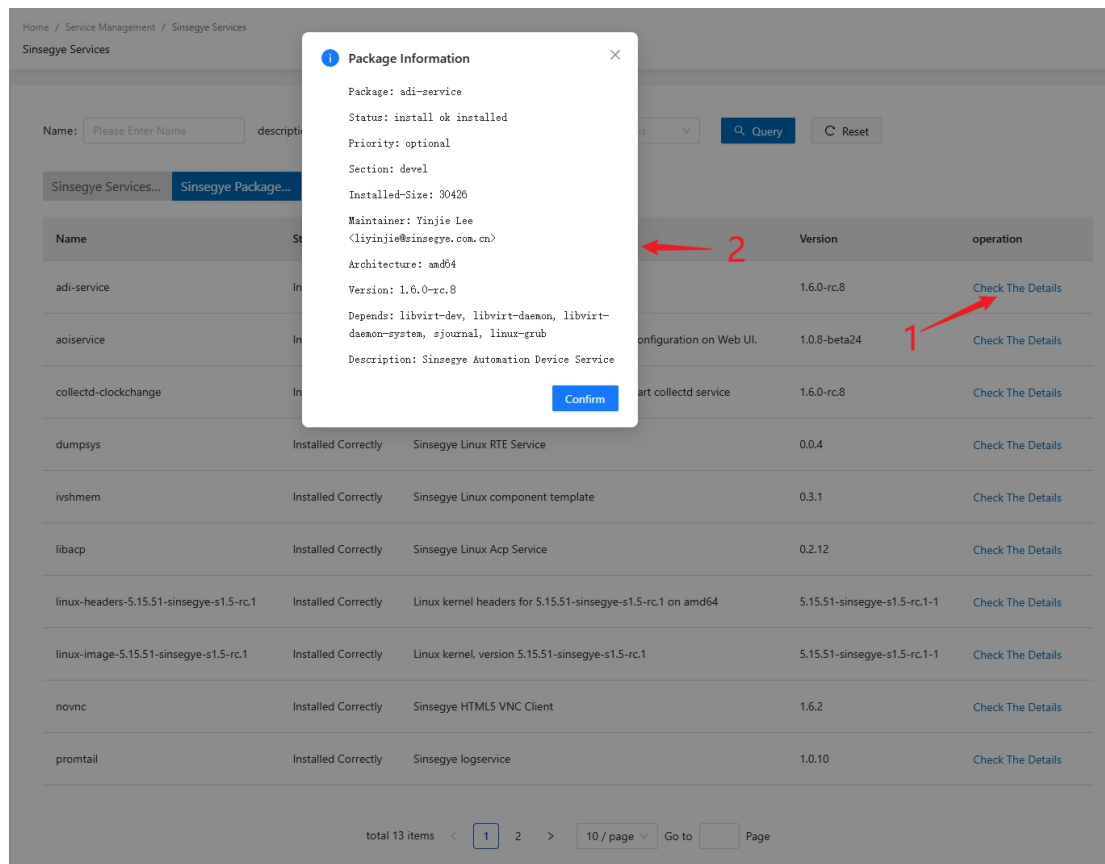
Restart Service

For a running service, if you need to shut it down and start it again, there's a convenient method: [Restart] the service.

Select the [Restart] button in the right operation bar of the service, then choose [Confirm] in the prompt.

View package details

Navigate to the [Core Package Status] subpage and select the [View Details] button on the right side of the target package.



Important Notes

Do not stop a service if not necessary, in a bid to avoid causing unnecessary service interruptions.

5. Alarm Management

5.1 Message Center

5.1.1 Scope of Application

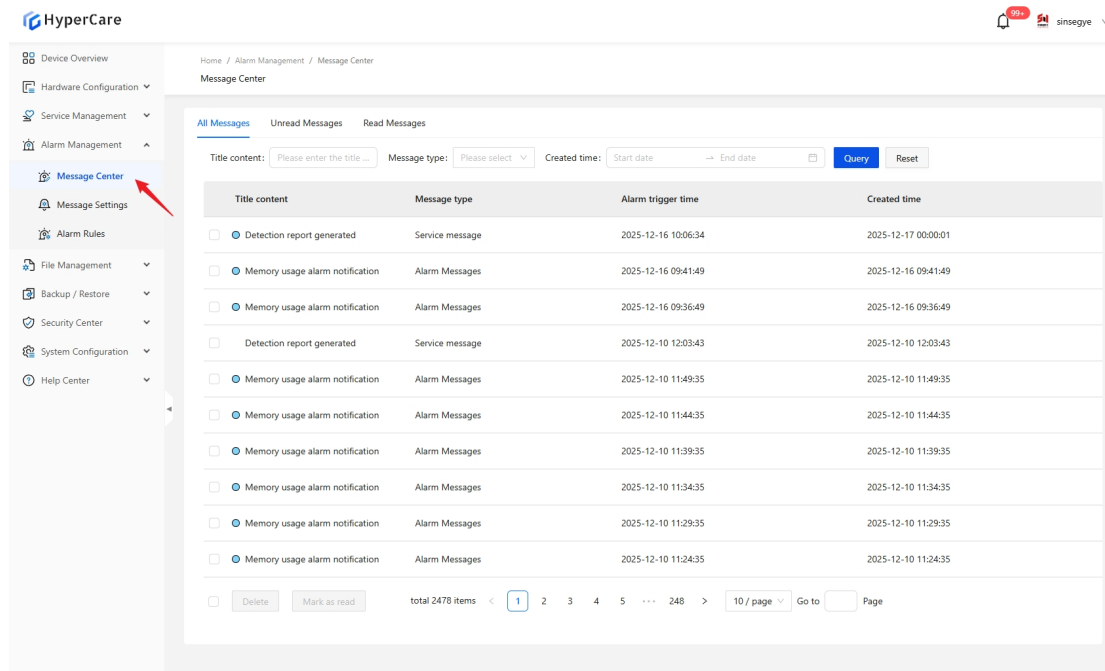
It is applicable to all adapted models.

5.1.2 Function Introduction

This function is used for classification and screening, composite condition query, and sequential display of alarm messages.

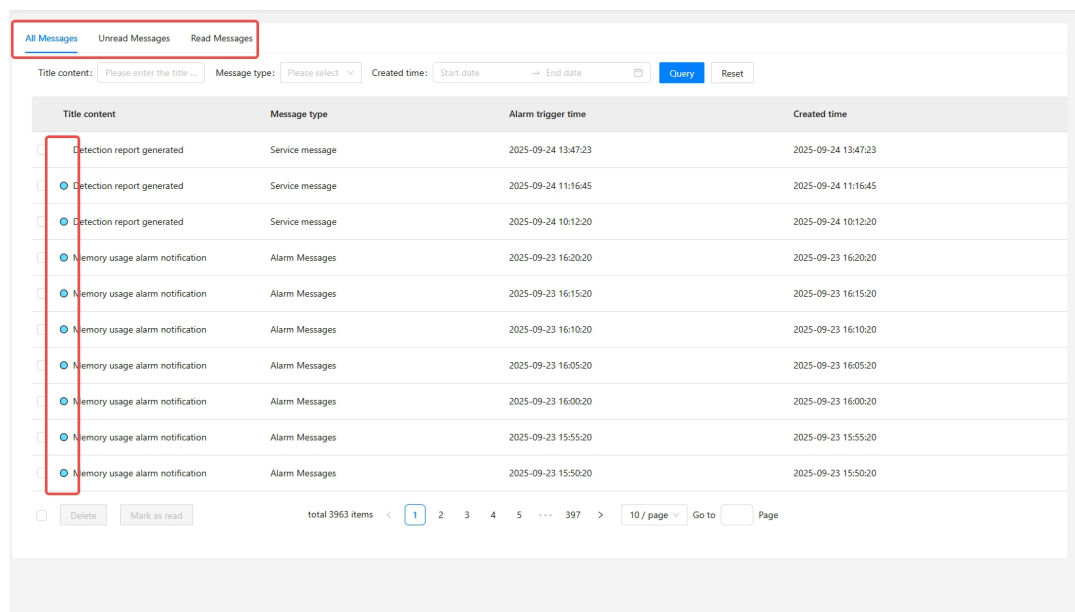
5.1.3 Usage Details

Enter the page



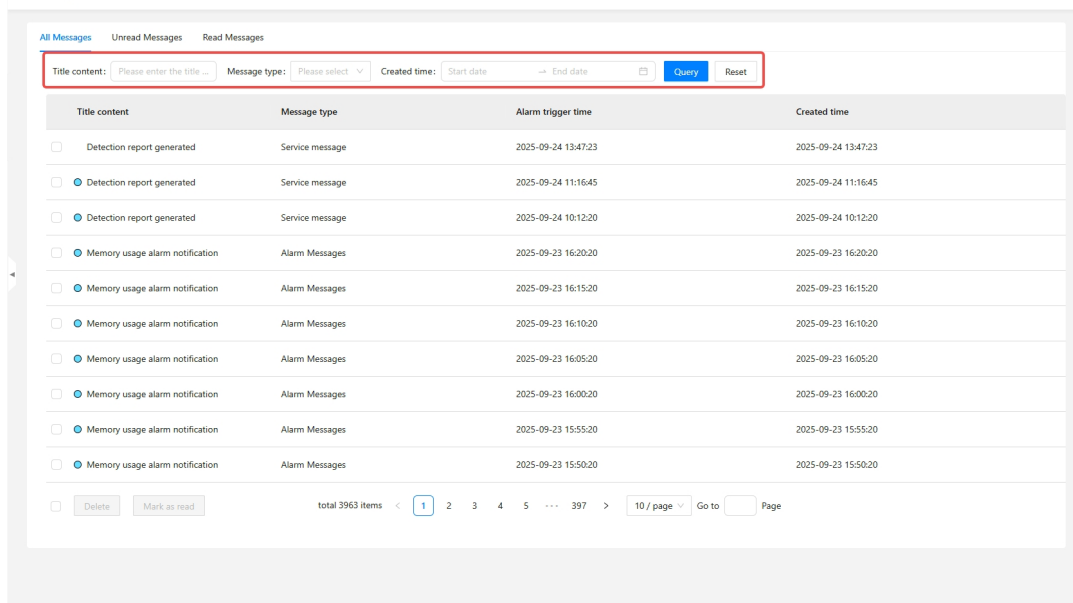
Tab switching

- \[All Messages] displays all message entries
- \[Unread Messages] only shows unread messages (marked with ●)
- \[Read Messages] only displays processed messages



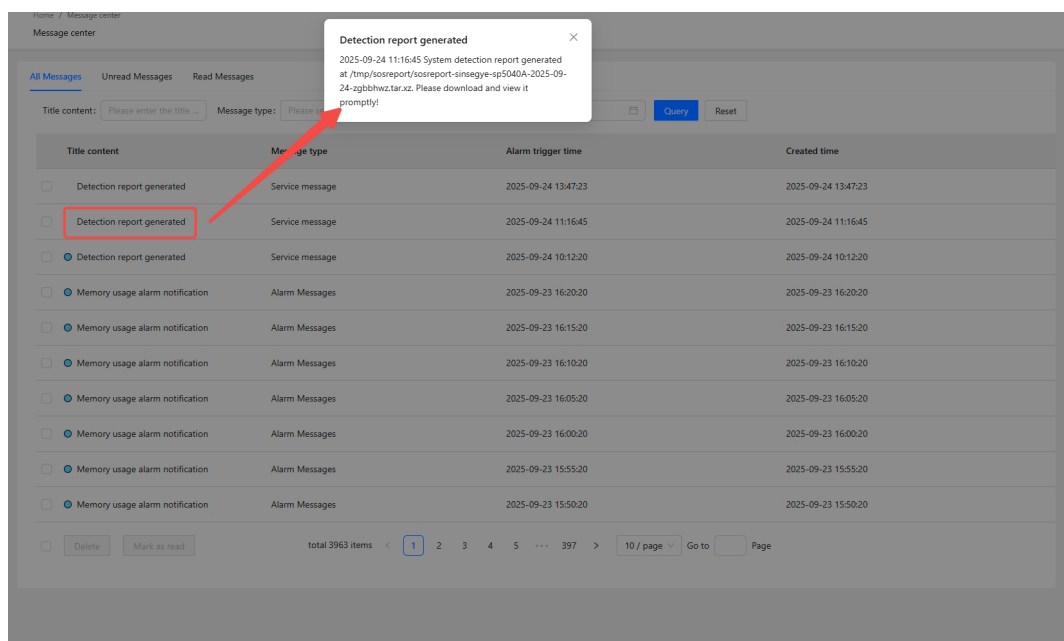
Message screening and query

Carry out queries through title content, message type, and creation time. Click the blue \[Query] button to apply the screening conditions. Click the white \[Reset] button to clear all screening conditions.



Read message

Click the \[Message Title]. Automatically mark it as read. The message will be moved from the "Unread" tab to the "Read" tab.



Message management

Check the checkbox on the left side of the message

All Messages Unread Messages Read Messages

Title content: Message type: Created times: →

	Title content	Message type	Alarm trigger time	Created time
☒	Detection report generated	Service message	2025-09-24 13:47:23	2025-09-24 13:47:23
☐	Detection report generated	Service message	2025-09-24 11:16:45	2025-09-24 11:16:45
☐	Detection report generated	Service message	2025-09-24 10:12:20	2025-09-24 10:12:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 16:20:20	2025-09-23 16:20:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 16:15:20	2025-09-23 16:15:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 16:10:20	2025-09-23 16:10:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 16:05:20	2025-09-23 16:05:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 16:00:20	2025-09-23 16:00:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 15:55:20	2025-09-23 15:55:20
☐	Memory usage alarm notification	Alarm Messages	2025-09-23 15:50:20	2025-09-23 15:50:20

total 3963 items < 1 2 3 4 5 ... 397 > 10 / page Go to Page

Click \[Select All] at the left corner to select all messages on the current page

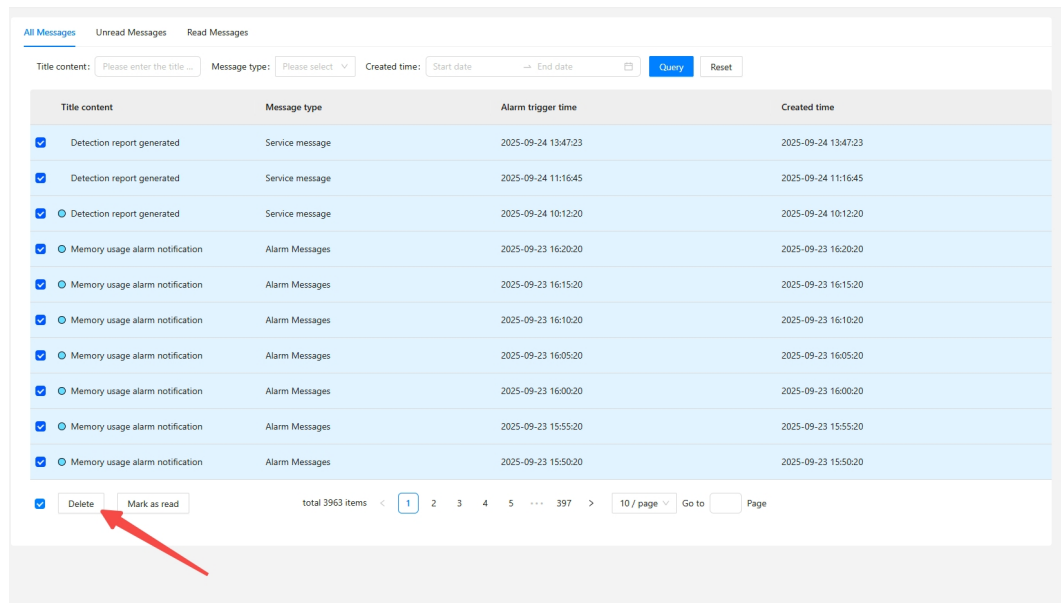
All Messages Unread Messages Read Messages

Title content: Message type: Created times: →

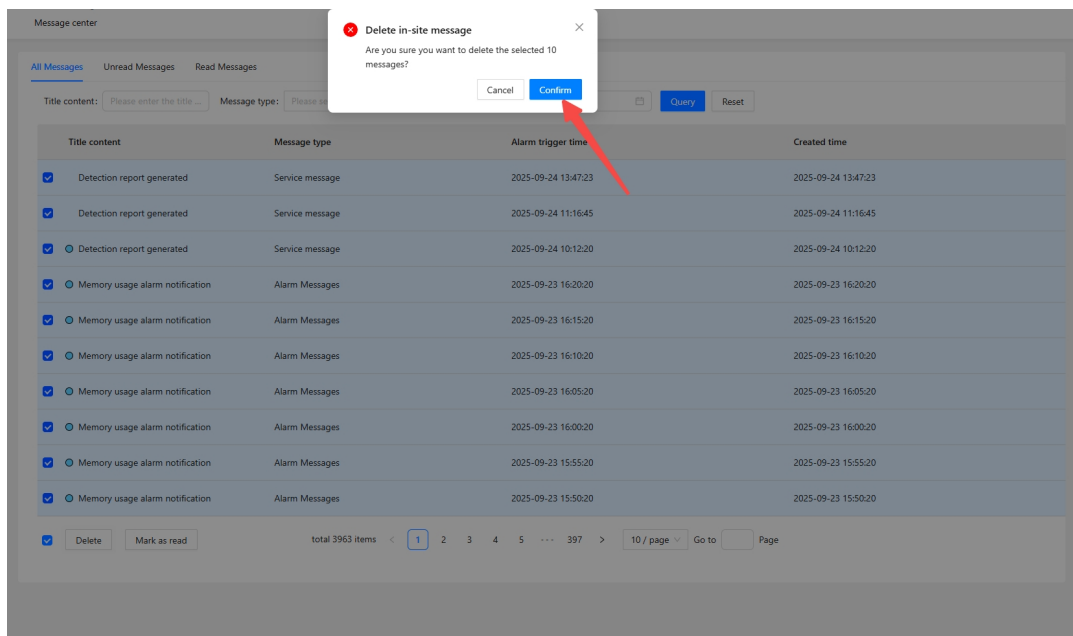
	Title content	Message type	Alarm trigger time	Created time
☒	Detection report generated	Service message	2025-09-24 13:47:23	2025-09-24 13:47:23
☒	Detection report generated	Service message	2025-09-24 11:16:45	2025-09-24 11:16:45
☒	Detection report generated	Service message	2025-09-24 10:12:20	2025-09-24 10:12:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 16:20:20	2025-09-23 16:20:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 16:15:20	2025-09-23 16:15:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 16:10:20	2025-09-23 16:10:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 16:05:20	2025-09-23 16:05:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 16:00:20	2025-09-23 16:00:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 15:55:20	2025-09-23 15:55:20
☒	Memory usage alarm notification	Alarm Messages	2025-09-23 15:50:20	2025-09-23 15:50:20

☒ total 3963 items < 1 2 3 4 5 ... 397 > 10 / page Go to Page

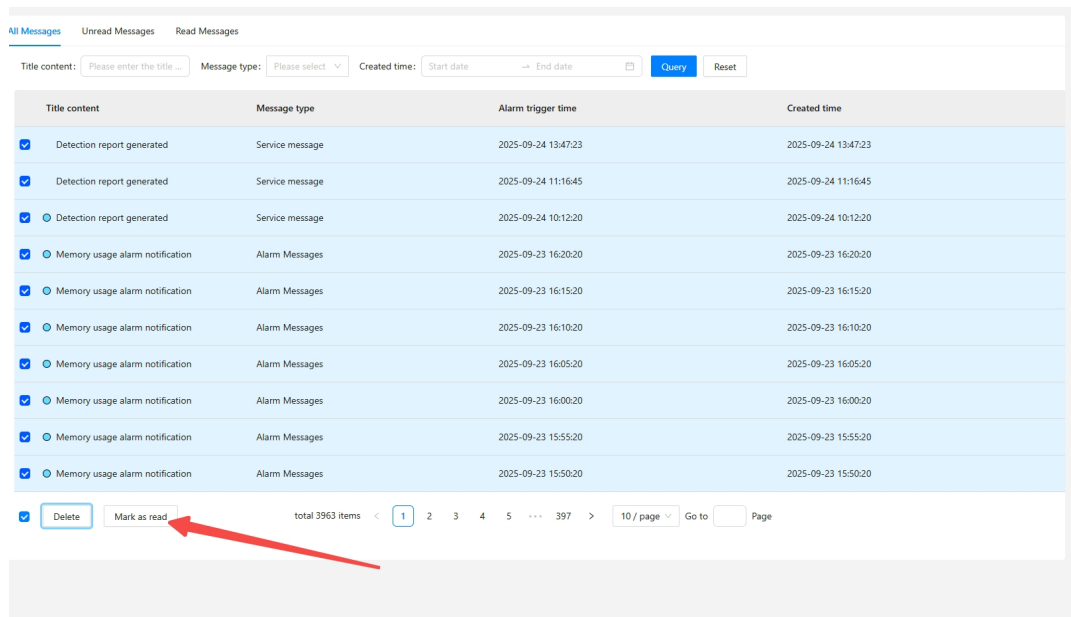
Click \[Delete] to delete the selected messages



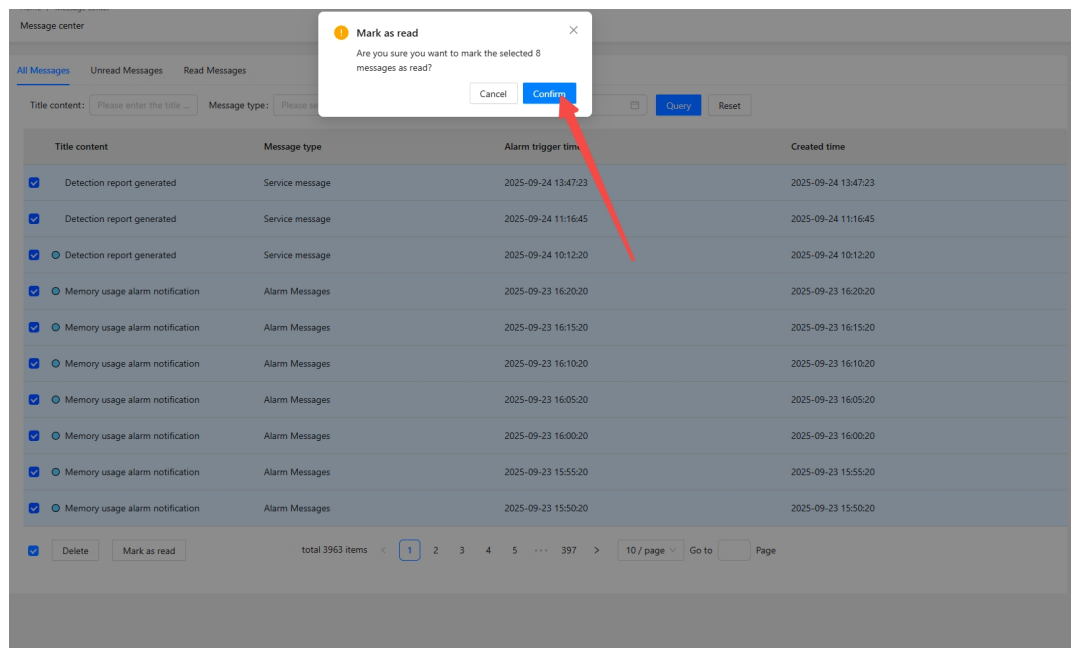
Click [Confirm] to perform the operation



Click [Mark as read] to mark the unread message as read



Click [Confirm] to perform the operation



5.2. Message Settings

5.2.1 Scope of Application

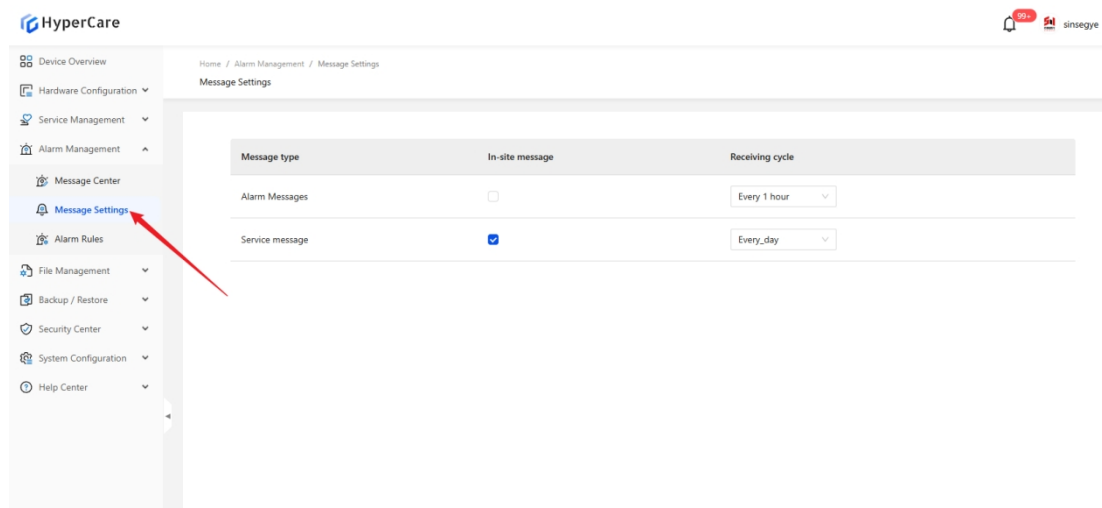
It is applicable to all adapted models.

5.2.2 Function Introduction

This function is used for alarm rule configuration, and it supports customized receiving methods and cycles.

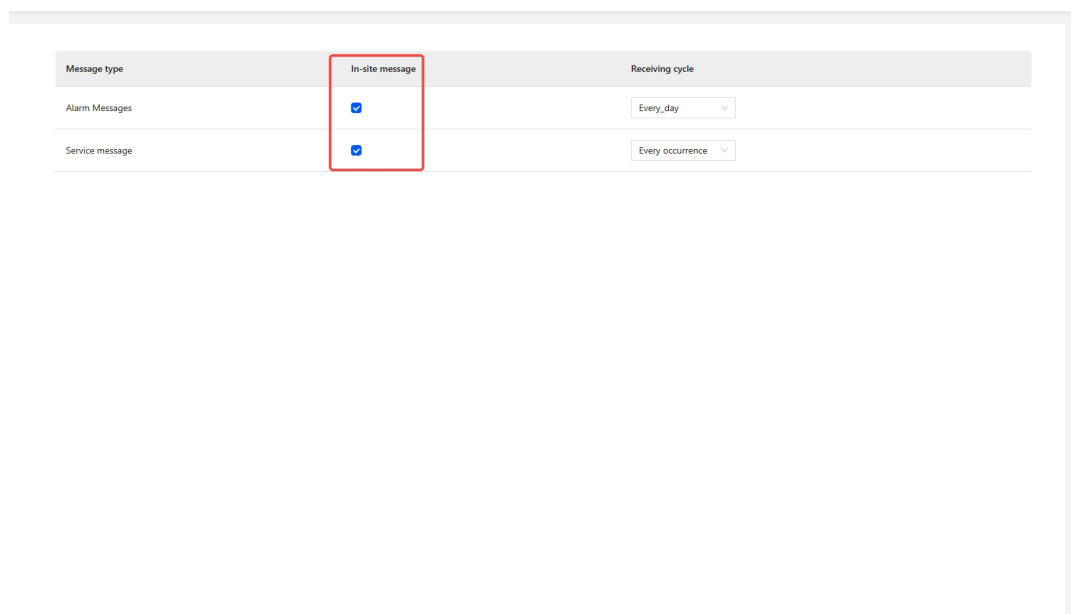
5.2.3 Usage Details

Enter the page



Receiving method settings

Select a receiving method (it currently only supports in-site messages)



Receiving cycle settings

Option	Effective Rules
Every occurrence (default)	Real-time alarm push
Every 1 hour	Merge and push same-type alarms once within 1 hour
Every 8 hours	Merge and push same-type alarms once within 8 hours
Every day	Merge and push same-type alarms once within 24 hours

Message type	In-site message	Receiving cycle
Alarm Messages	☐	Every 1 hour
Service message	☒	Every occurrence
		Every 1 hour
		Every 8 hours
		Every_day

5.3 Alarm Rules

5.3.1 Scope of Application

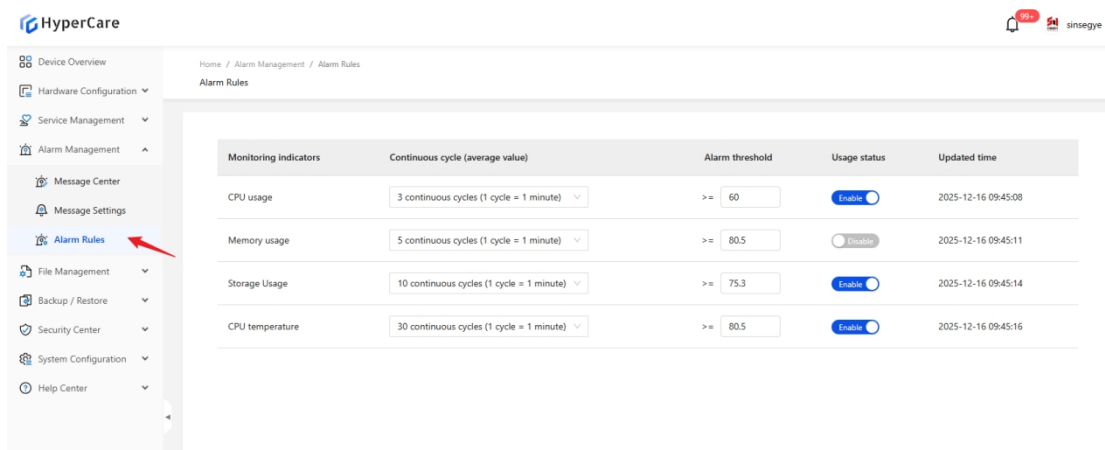
It is applicable to all adapted models.

5.3.2 Function Introduction

This function is used to set the threshold value for monitoring key metrics such as CPU, memory, storage, and temperature.

5.3.3 Usage Details

Enter the page



HyperCare

Home / Alarm Management / Alarm Rules

Alarm Rules

Monitoring indicators	Continuous cycle (average value)	Alarm threshold	Usage status	Updated time
CPU usage	3 continuous cycles (1 cycle = 1 minute)	>= 60	Enable	2025-12-16 09:45:08
Memory usage	5 continuous cycles (1 cycle = 1 minute)	>= 80.5	Disable	2025-12-16 09:45:11
Storage Usage	10 continuous cycles (1 cycle = 1 minute)	>= 75.3	Enable	2025-12-16 09:45:14
CPU temperature	30 continuous cycles (1 cycle = 1 minute)	>= 80.5	Enable	2025-12-16 09:45:16

Set continuous cycles

Click the dropdown menu to select consecutive cycles (1 cycle = 1 minute)

Monitoring indicators	Continuous cycle (average value)	Alarm threshold	Usage status	Updated time
CPU usage	3 continuous cycles (1 cycle = 1 minute)	>= 51	☒ Enable	2025-07-10 11:28:31
Memory usage	5 continuous cycles (1 cycle = 1 minute)	>= 76.77	☐ Disable	2025-09-29 11:31:51
Storage Usage	10 continuous cycles (1 cycle = 1 minute)	>= 81	☐ Disable	2025-07-10 11:28:55
Battery voltage	1 continuous cycle (1 cycle = 1 minute)	<= 3.0	☒ Enable	2025-07-10 11:29:06
CPU temperature	30 continuous cycles (1 cycle = 1 minute)	>= 89	☒ Enable	2025-07-10 11:29:18

Edit alarm thresholds

Click the numeric input box to modify:

Metric type	Value range
CPU usage	50%-100%
Memory usage	50%-100%
Storage usage	50%-100%
CMOS battery voltage	2.2V-3.3V
CPU temperature	50-100°C

Monitoring indicators	Continuous cycle (average value)	Alarm threshold	Usage status	Updated time
CPU usage	3 continuous cycles (1 cycle = 1 minute)	>= 60	☒ Enable	2025-11-21 16:38:35
Memory usage	5 continuous cycles (1 cycle = 1 minute)	>= 80.5	☐ Disable	2025-11-21 16:38:38
Storage Usage	10 continuous cycles (1 cycle = 1 minute)	>= 75.3	☒ Enable	2025-11-21 16:38:41
Battery voltage	1 continuous cycle (1 cycle = 1 minute)	<= 3.0	☒ Enable	2025-09-24 19:30:59
CPU temperature	30 continuous cycles (1 cycle = 1 minute)	>= 80.5	☒ Enable	2025-11-21 16:38:43

Enable/Disable Rules

Click the [Enable/Disable] button to switch the enable/disable status:

Monitoring indicators	Continuous cycle (average value)	Alarm threshold	Usage status	Updated time
CPU usage	3 continuous cycles (1 cycle = 1 minute) ▾	>= 51	☒ Enable	2025-07-10 11:28:31
Memory usage	5 continuous cycles (1 cycle = 1 minute) ▾	>= 76.77	☐ Disable	2025-09-29 11:31:51
Storage Usage	10 continuous cycles (1 cycle = 1 minute) ▾	>= 81	☐ Disable	2025-07-10 11:28:55
Battery voltage	1 continuous cycle (1 cycle = 1 minute) ▾	<= 3.0	☒ Enable	2025-07-10 11:29:06
CPU temperature	30 continuous cycles (1 cycle = 1 minute) ▾	>= 89	☒ Enable	2025-07-10 11:29:18

6. File Management

6.1 File Explorer

6.1.1 Scope of Application

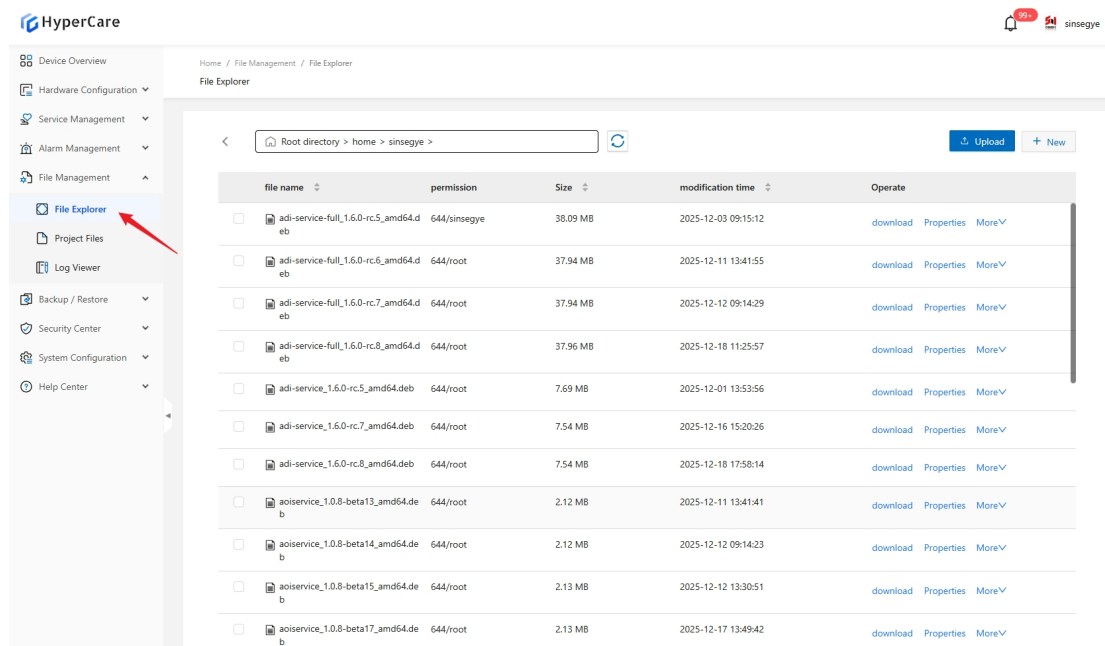
It is applicable to all adapted models.

6.1.2 Function Introduction

It provides real-time domain system file management functions, and supports directory browsing, file operations (upload/download/edit/compress), permission management, batch processing, and other operations.

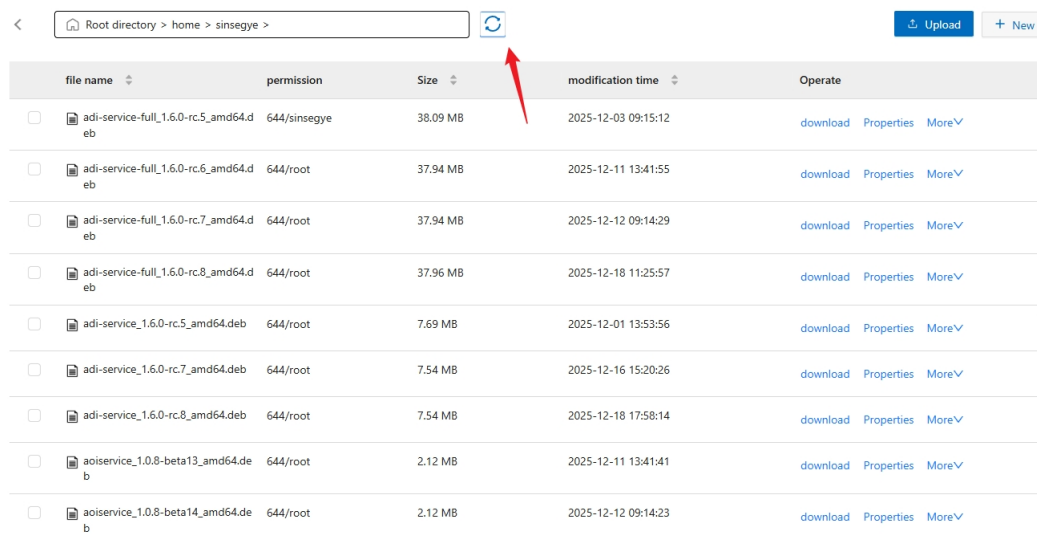
6.3.3 Usage Details

Enter the page



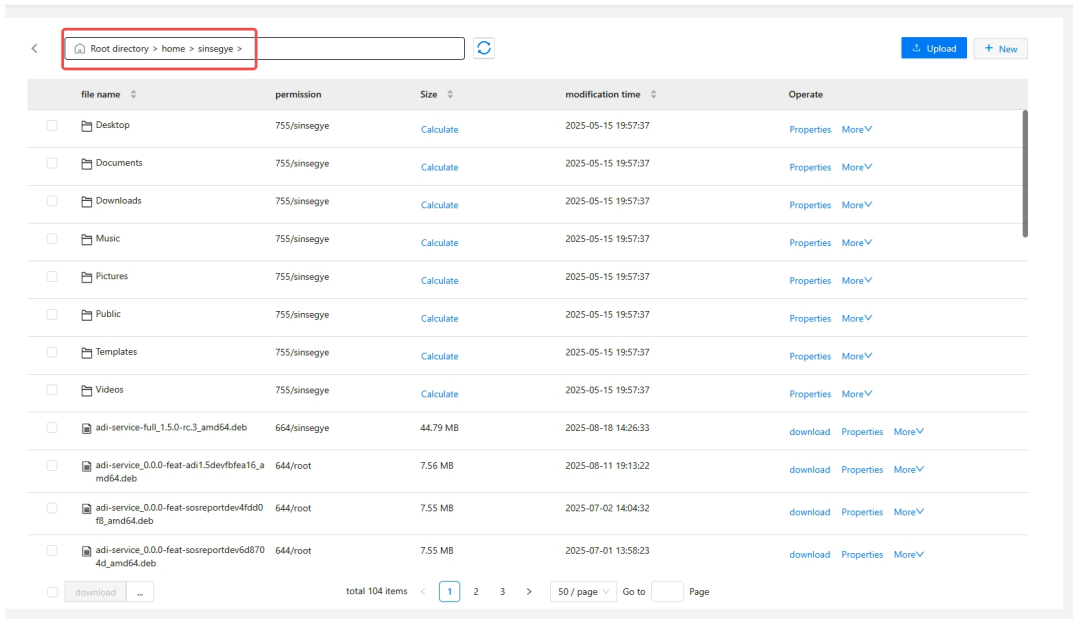
Refresh

Refresh the current directory contents



Path switching

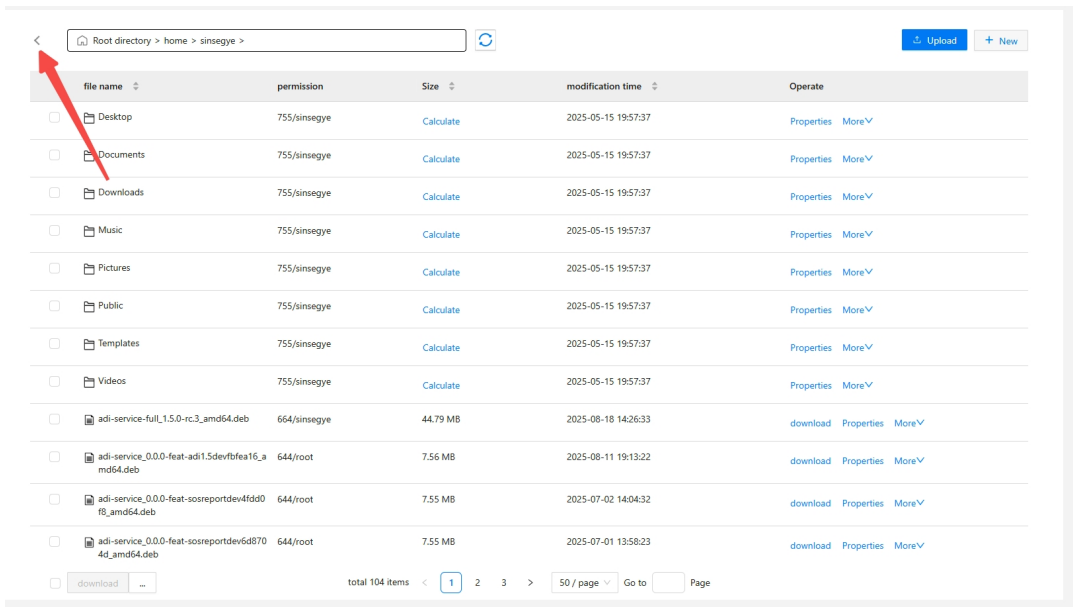
Manually enter the path and press \[Enter] to jump to the specified directory.



file name	permission	Size	modification time	Operate
Desktop	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
adi-service-full_1.5.0-rc3_amd64.deb	664/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties More▼
adi-service_0.0.0-feat-adi1.5devtfea16_amd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties More▼
adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties More▼
adi-service_0.0.0-feat-sosreportdev6d8704d_amd64.deb	644/root	7.55 MB	2025-07-01 13:58:23	download Properties More▼

total 104 items < 1 2 3 > 50 / page Go to Page

Click the [←] button to jump to the parent directory.

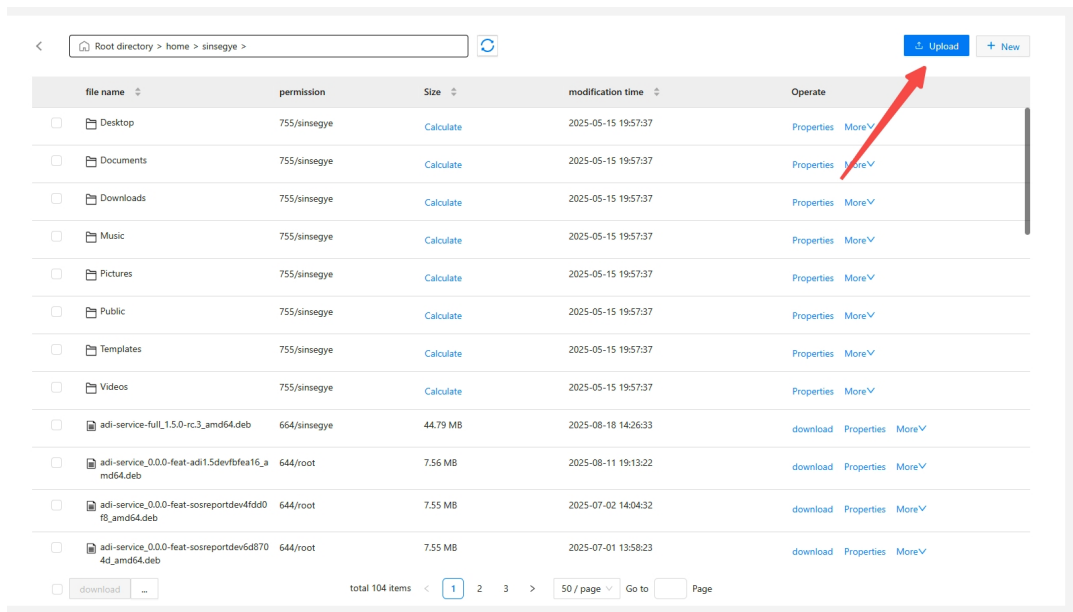


file name	permission	Size	modification time	Operate
Desktop	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
adi-service-full_1.5.0-rc3_amd64.deb	664/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties More▼
adi-service_0.0.0-feat-adi1.5devtfea16_amd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties More▼
adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties More▼
adi-service_0.0.0-feat-sosreportdev6d8704d_amd64.deb	644/root	7.55 MB	2025-07-01 13:58:23	download Properties More▼

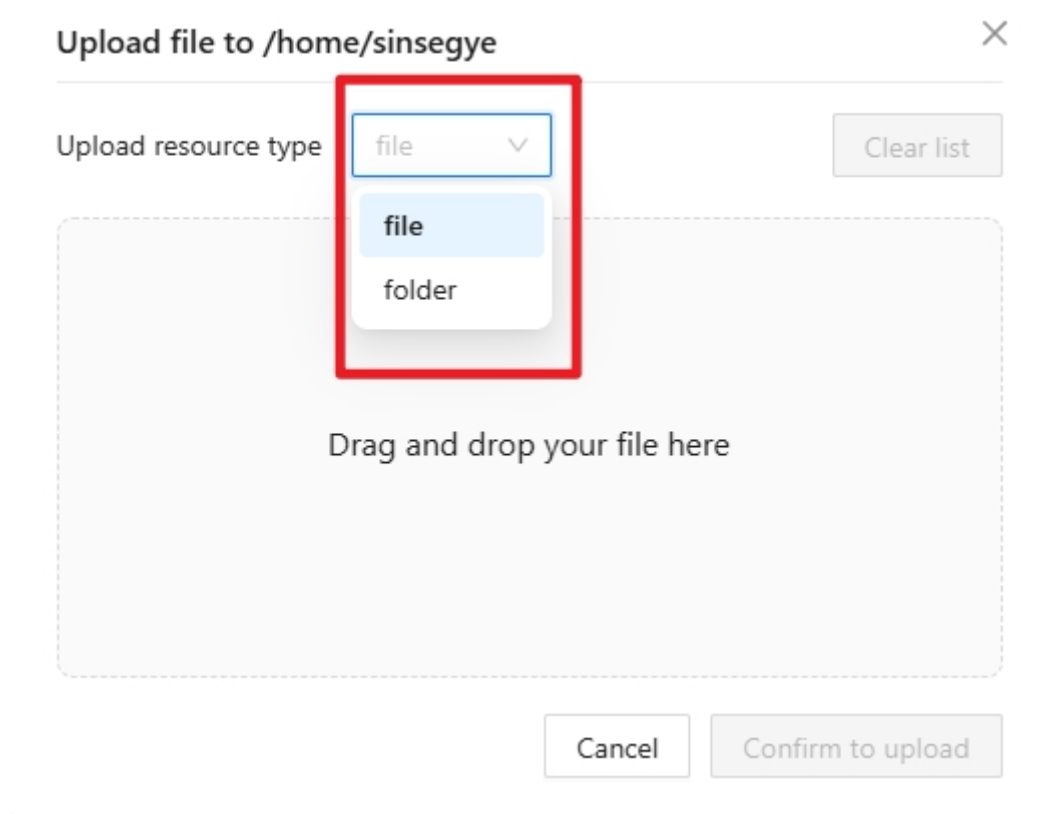
total 104 items < 1 2 3 > 50 / page Go to Page

Upload

Click the [Upload] button



Select \[File] or \[Folder]



- Drag files/folders to the interface to trigger upload

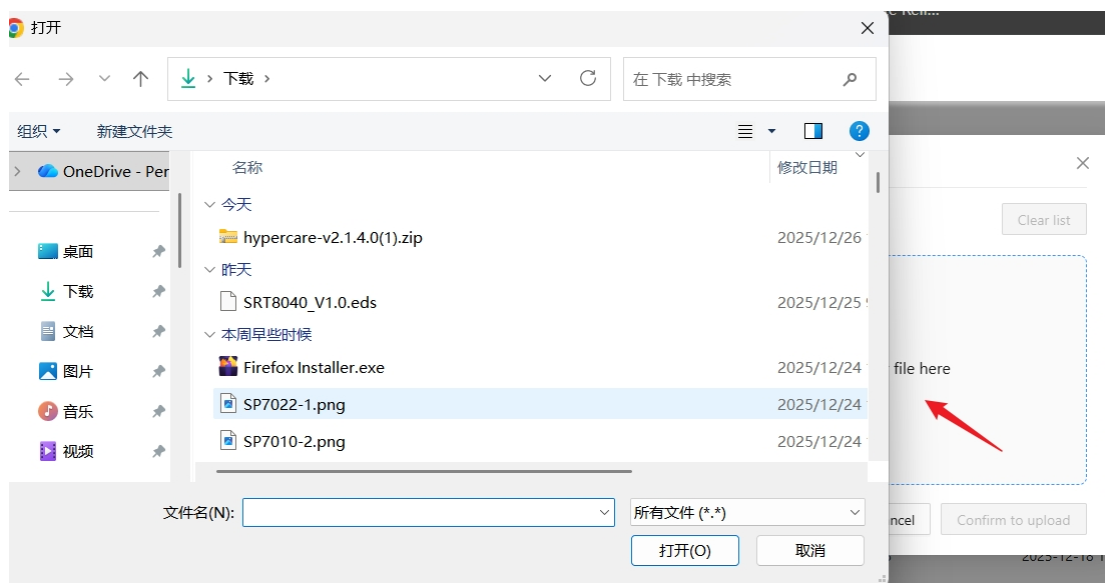
Upload file to /home/sinsegye

Upload resource type
file
Clear list

Drag and drop your file here

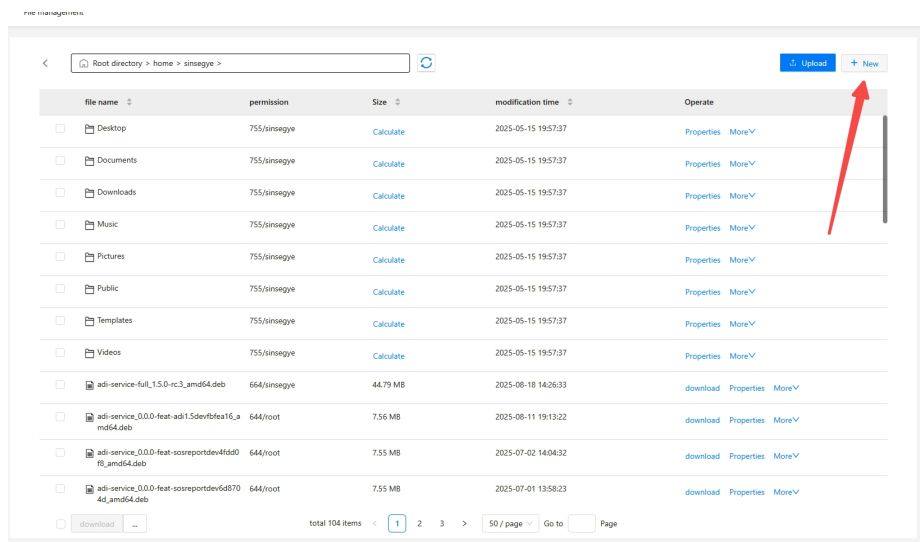
Cancel
Confirm to upload

Or click the selected file to upload

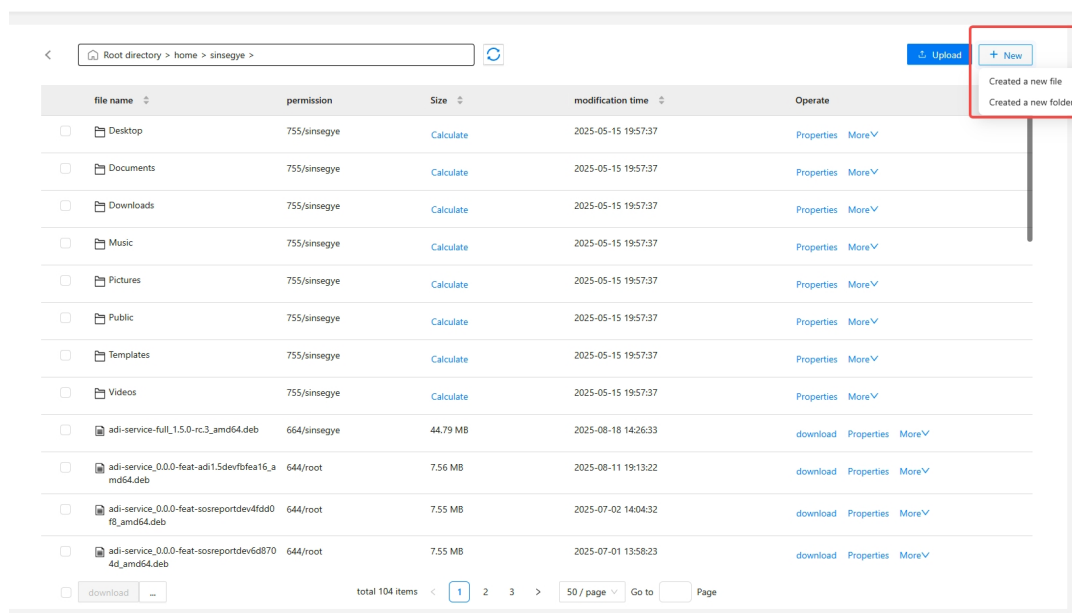


Create

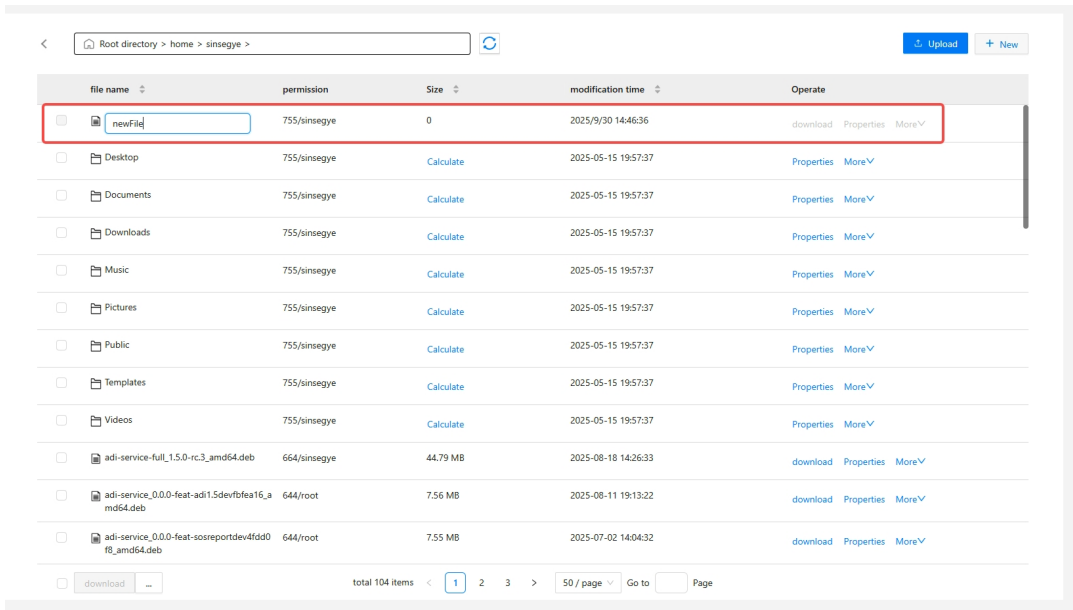
Click \[New]



Select \[New File] or \[New Folder]



Automatically insert an entry at the top of the list, and the file name will be in the editing mode.
Enter name and then press \[Enter] to save

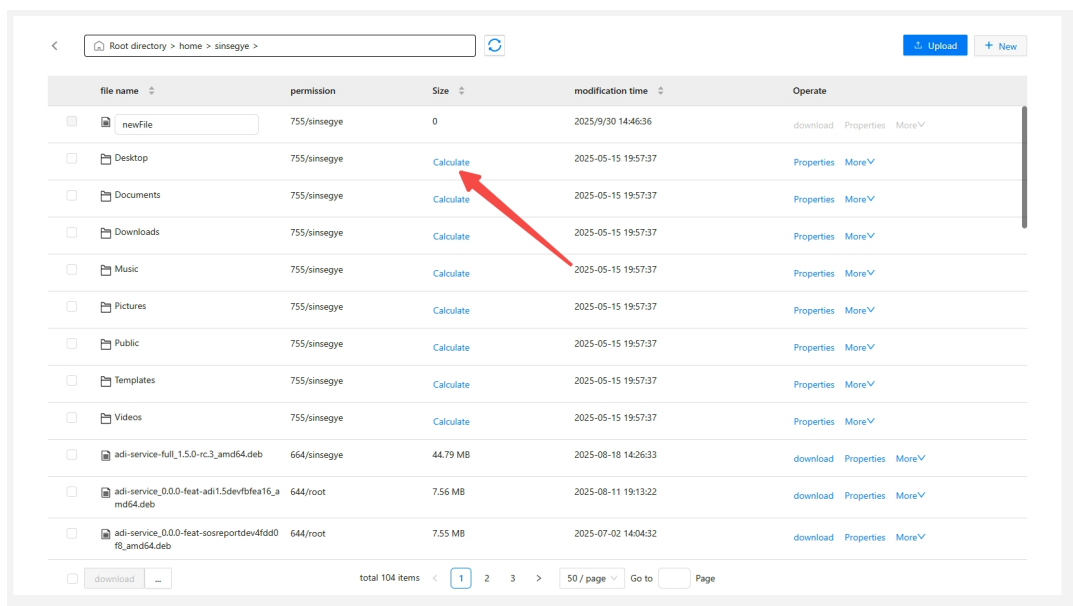


file name	permission	Size	modification time	Operate
☐ newFile	755/sinsegye	0	2025/9/30 14:46:36	download Properties More▼
☐ Desktop	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ adi-service-full_1.5.0-rc3_amd64.deb	664/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties More▼
☐ adi-service_0.0.0-feat-adi1.5devfbfea16_aamd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties More▼
☐ adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties More▼

total 104 items < 1 2 3 > 50 / page Go to Page

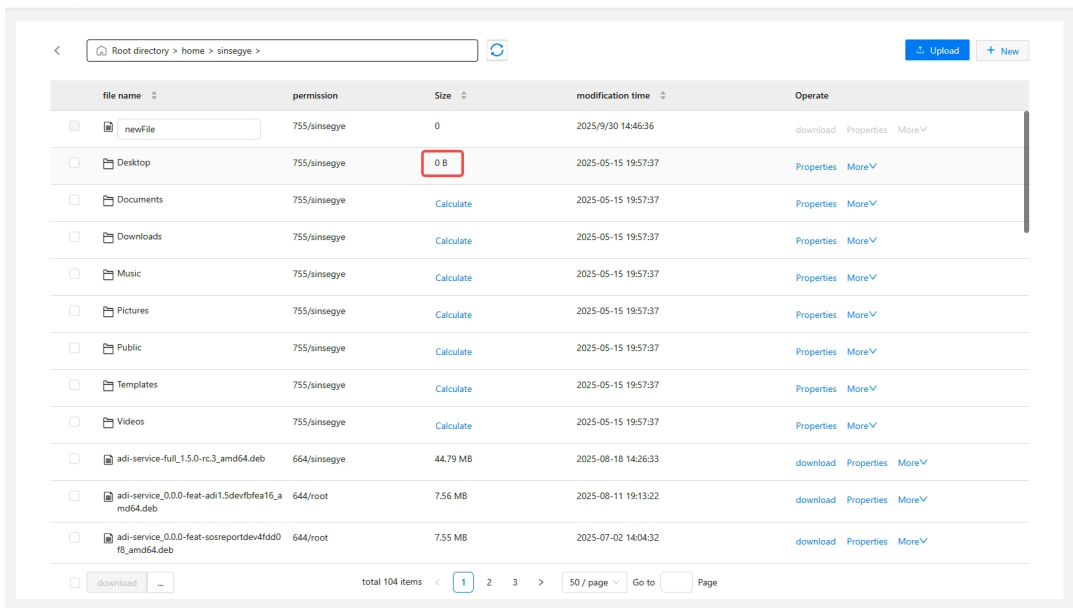
Calculate the folder size

Click \[Calculate] to display the folder size



file name	permission	Size	modification time	Operate
☐ newFile	755/sinsegye	0	2025/9/30 14:46:36	download Properties More▼
☐ Desktop	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ adi-service-full_1.5.0-rc3_amd64.deb	664/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties More▼
☐ adi-service_0.0.0-feat-adi1.5devfbfea16_aamd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties More▼
☐ adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties More▼

total 104 items < 1 2 3 > 50 / page Go to Page



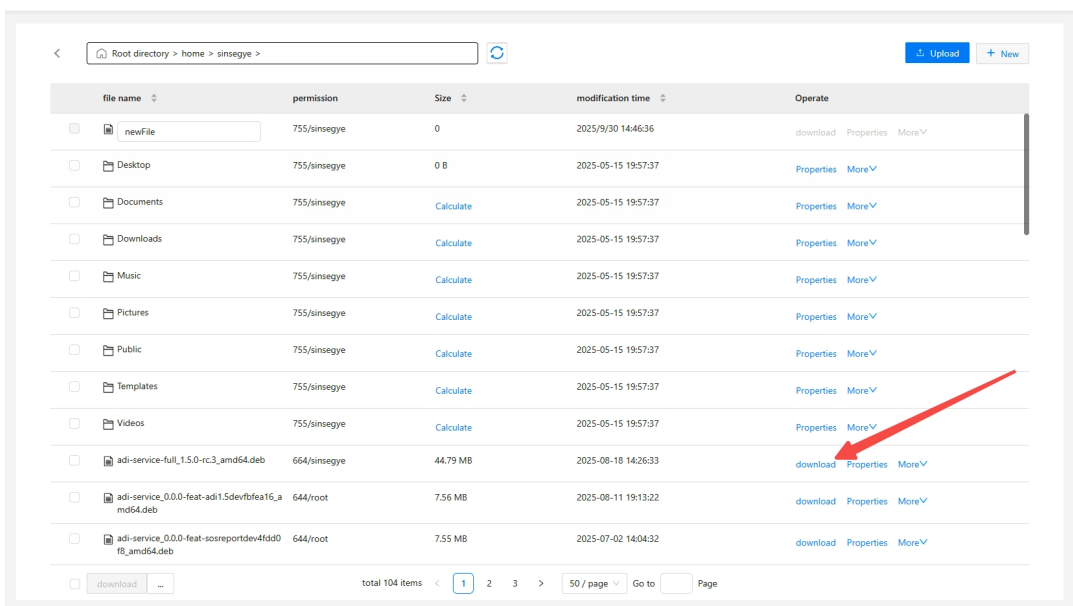
file name	permission	Size	modification time	Operate
☐ newFile	755/sinsegye	0	2025/9/30 14:46:36	download Properties MoreV
☐ Desktop	755/sinsegye	0 B	2025-05-15 19:57:37	Properties MoreV
☐ Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ adi-service-full_1.5.0-rc3_amd64.deb	644/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties MoreV
☐ adi-service_0.0.0-feat-adi1.5devtfeaf16_amd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties MoreV
☐ adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties MoreV

total 104 items < 1 2 3 > 50 / page Go to Page

The page will refresh automatically after the calculation is complete.

Single File operation

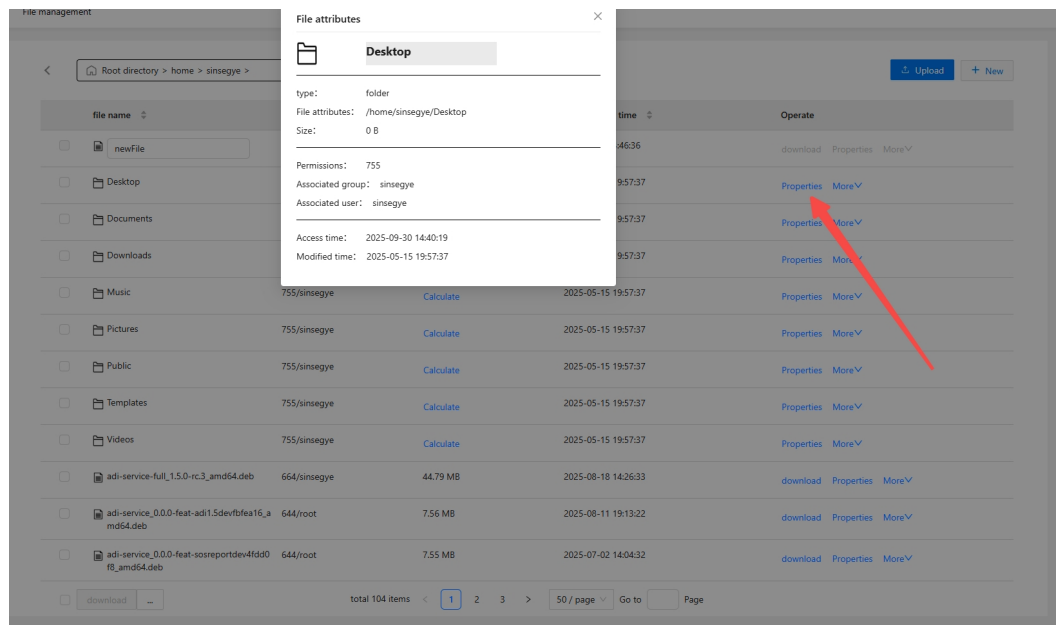
Download: Save it to the local download directory



file name	permission	Size	modification time	Operate
☐ newFile	755/sinsegye	0	2025/9/30 14:46:36	download Properties MoreV
☐ Desktop	755/sinsegye	0 B	2025-05-15 19:57:37	Properties MoreV
☐ Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties MoreV
☐ adi-service-full_1.5.0-rc3_amd64.deb	644/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties MoreV
☐ adi-service_0.0.0-feat-adi1.5devtfeaf16_amd64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties MoreV
☐ adi-service_0.0.0-feat-sosreportdev4fdd0f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties MoreV

total 104 items < 1 2 3 > 50 / page Go to Page

Property: Display details such as file type, full path (replicable), size, promission, time stamp



Compression: Supported formats: tar.gz/zip

Optional operations: Compress to a specified path or download directly after compression

Compressed file
×

Compression type: tar.gz

Compression path: /home/sinsegye

Compress and download ☐
Optional

Cancel OK

- Permission:**

1.You can select permissions for owner, group, and public. After that, the numeric value at "Permissions" will be automatically updated below

2.You can also edit the numeric value in "Permissions" below to sync with the checkboxes above

3.Read 4, Write 2, Execute 1

4.For the numeric value of "Permission", each digit has a maximum value of 7 and a fixed length of 3 digits, and each digit can potentially be 0

5.Owner: Dropdown selection. All users within the current operating system are available

6.Subdirectory: If checked, it means that the same permissions has been applied to the

current folder and its subfolders/files

☐	 adi-service_1.6.0-rc.7_amd64.deb	644/root	7.54 MB	2025-12-16 15:20:26	download	Properties	More▼
☐	 adi-service_1.6.0-rc.8_amd64.deb	644/root	7.54 MB	2025-12-18 17:58:14	download	Properties	More▼
☐	 aoiservice_1.0.8-beta13_amd64.deb	644/root	2.12 MB	2025-12-11 13:41:41	download	Properties	More▼
☐	 aoiservice_1.0.8-beta14_amd64.deb	644/root	2.12 MB	2025-12-12 09:14:23	download	Properties	More▼
☐	 aoiservice_1.0.8-beta15_amd64.deb	644/root	2.13 MB	2025-12-12 13:30:51	download	Properties	More▼
☐	 aoiservice_1.0.8-beta17_amd64.deb	644/root	2.13 MB	2025-12-17 13:49:42	download	Properties	More▼
☐	 aoiservice_1.0.8-beta19_amd64.deb	644/root	4.26 MB	2025-12-18 16:31:34	download	Properties	More▼

File permissions



Owner ☒ Read ☒ Write ☐ Execute	User group ☒ Read ☐ Write ☐ Execute	Public ☒ Read ☐ Write ☐ Execute
---	---	---

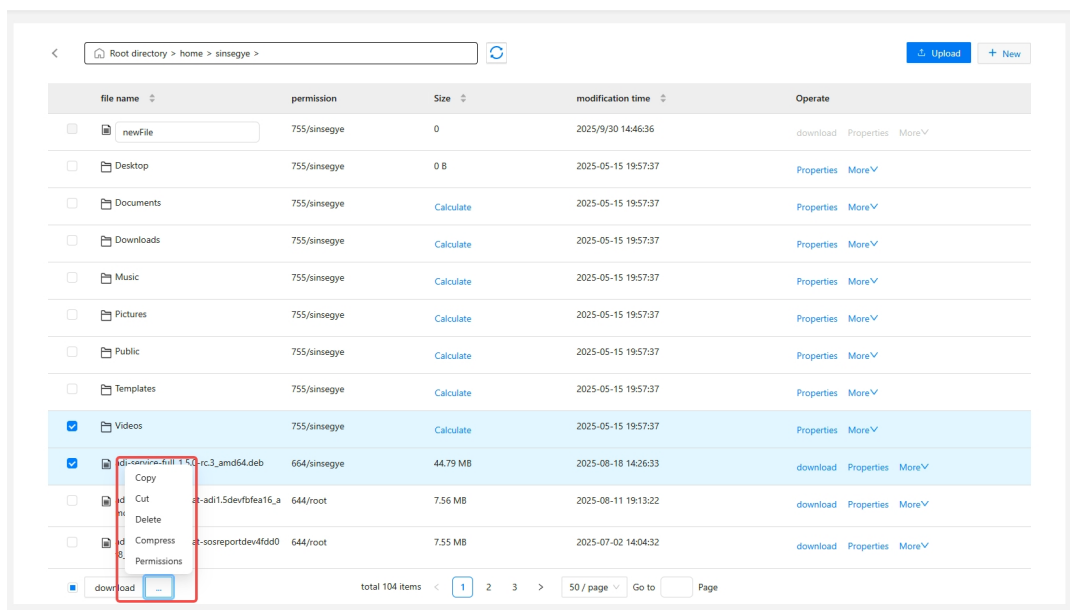
permission :

Owner:

Subdirectory : ☐

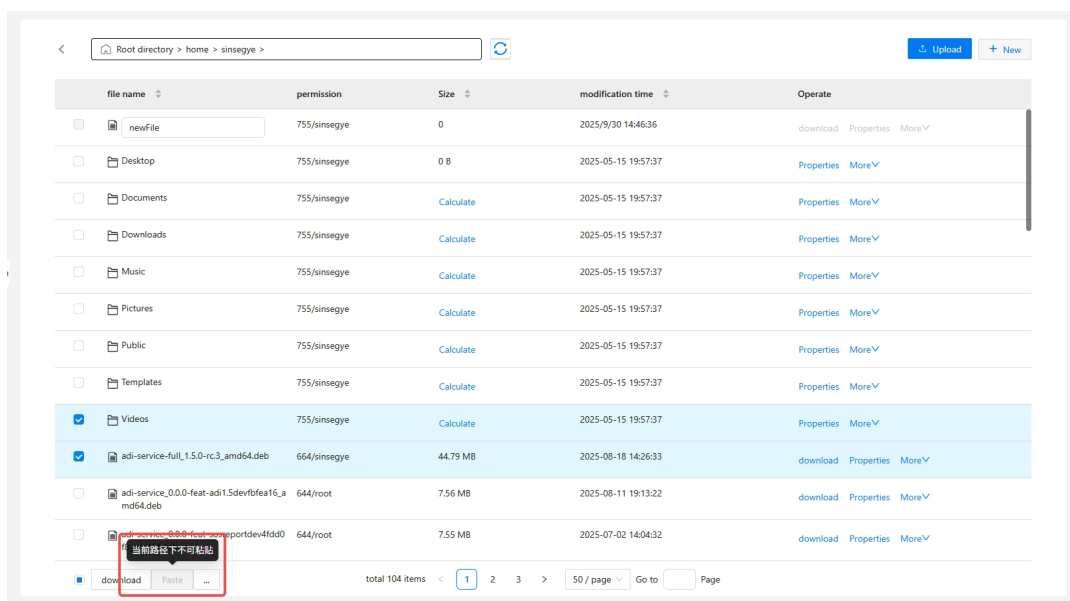
Batch operation

Check \[Select All] at the left corner or check a file to display the operation bar.

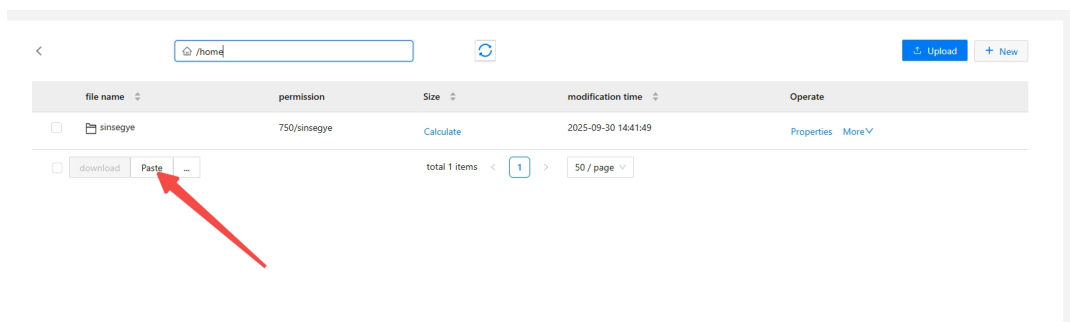


Paste

After performing the “Copy/Cut” operation, the \[Paste] button will displayed in the left corner



After switching the target, click \[Paste] to complete the operation



Sorting

Support sorting by \[File Name], \[Size] and \[Modification Time]. Click \[Sorting Arrow] to sort.

< Root directory > home > sinsegye >
Upload + New

file name	permission	Size	modification time	Operate
☐ Desktop	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Documents	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Downloads	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Music	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Pictures	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Public	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Templates	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ Videos	755/sinsegye	Calculate	2025-05-15 19:57:37	Properties More▼
☐ adi-service-full_1.5.0-rc3_amd64.deb	644/sinsegye	44.79 MB	2025-08-18 14:26:33	download Properties More▼
☐ adi-service_0.0.0-feat-adi1.5devtbf6a16_a_md64.deb	644/root	7.56 MB	2025-08-11 19:13:22	download Properties More▼
☐ adi-service_0.0.0-feat-sosreportdev4fd01f8_amd64.deb	644/root	7.55 MB	2025-07-02 14:04:32	download Properties More▼
☐ adi-service_0.0.0-feat-sosreportdev6d8704d_amd64.deb	644/root	7.55 MB	2025-07-01 13:58:23	download Properties More▼

total 104 items

 2 3 >

 50 / page Go to Page

Important notes

- When calculating folder sizes, the process may take a long time if the folder contains many subfolders and files. Please be patient.
- Users can paste files in some directories. If the "Paste" button is grayed out after copying/cutting, it means that the user cannot paste in the current directory. Generally, pasting is allowed in subdirectories under /home/sinsegye/.

6.2 Project Management

6.2.1 Scope of Application

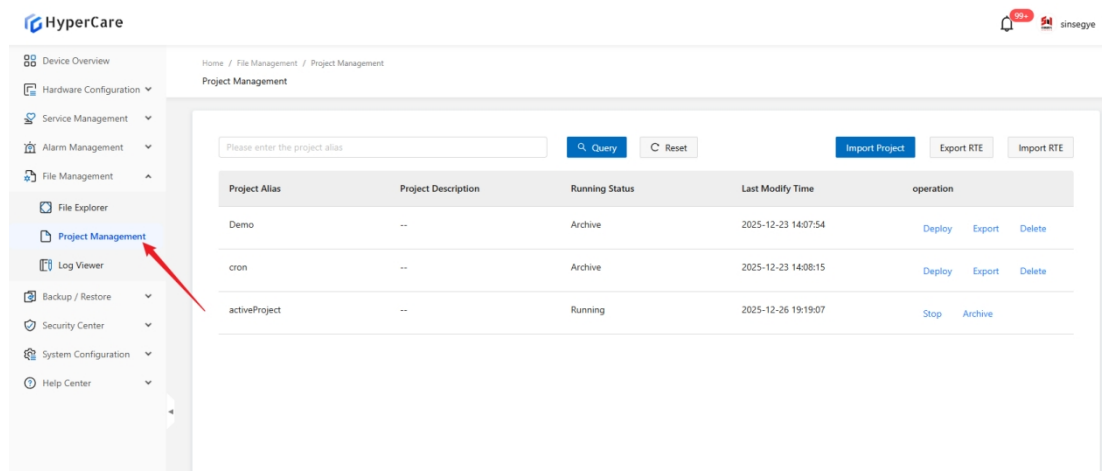
Applicable to all adapted models.

6.2.2 Function Introduction

This function is used to manage PLC projects without an IDE, including project loading, running, stopping, archiving, and exporting.

6.2.3 Usage Details

Enter page



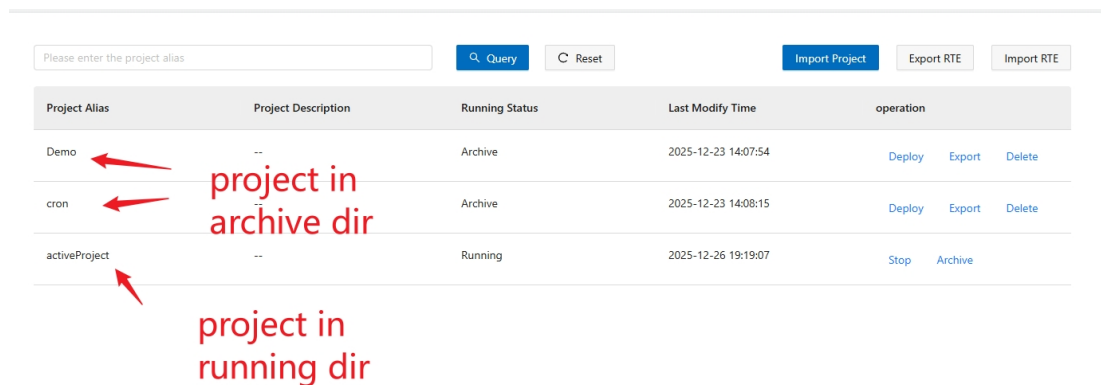
View existing projects in iComputer

After entering the project management page, you can see project information under normal circumstances similar to the following.

The "ActiveProject" is the project in the running directory, while the others are in the archive directory.

If there are no projects in the running directory, the corresponding row will be empty. The same applies to the archive directory.

The running status bar shows whether the project is running or stopped. Projects in the archive directory can only be in stopped status.



Filter Query

In the input box on the upper left, you can enter a project alias for search and filtering. Enter part or all of the project alias characters, click the blue [Query] button to apply filter conditions, or click the white [Reset] button to clear all filter conditions.



Note: Case sensitive

Start/Stop Default Project

For the default project, if it is in a running state, we can perform a stop operation.

activeProject	--	Running	2025-12-26 19:19:07	Stop	Archive
---------------	----	---------	---------------------	------	---------

Select “Stop” on the right side of the row, and the project will stop running. You can see the status change to [Stopped].

activeProject	--	Stop	2025-12-26 19:23:34	Start	Archive
---------------	----	------	---------------------	-------	---------

At this point, the [Stop] button changes to a [Start] button—We can initiate the project. After clicking [Start], the project runs, and the status changes accordingly.

Archive Default Project

Click the [Archive] button on the right side of the default project to pop up the “Archive Current Project” dialog box. Enter a project alias and description (optional), then click [Confirm] to archive the project.

Archive Current Project

* Project Alias:

englishdemo002

Project Descriptio

dsafjlj

Cancel

OK

After archiving is complete, refresh the page to view the newly created archived project.

Project Alias	Project Description	Running Status	Last Modify Time	operation		
Demo	--	Archive	2025-12-23 14:07:54	Deploy	Export	Delete
cron	--	Archive	2025-12-23 14:08:15	Deploy	Export	Delete
englishdemo002	dsafjlj	Archive	2025-12-26 19:26:06	Deploy	Export	Delete
activeProject	--	Stop	2025-12-26 19:26:06	Start	Archive	

Note: The project will be stopped before archiving to prevent changes in project information. So the project status after archiving is [Stopped]. Manual startup is required.

Deploy from archived project

The archived project can be deployed to the project's running directory, replacing the current project in the running directory.

Click the [Deploy] button on the right side of a project to begin deployment. A prompt message will pop up after deployment: Deployed successfully.

Project Alias	Project Description	Running Status	Last Modify Time	operation		
demo	--	Archive	2025-12-23 14:07:54	Deploy	Export	Delete
cron	--	Archive	2025-12-23 14:08:15	Deploy	Export	Delete
englishdemo002	dsafjj	Archive	2025-12-26 19:26:06	Deploy	Export	Delete
activeProject	--	Stop	2025-12-26 19:37:28	Start	Archive	

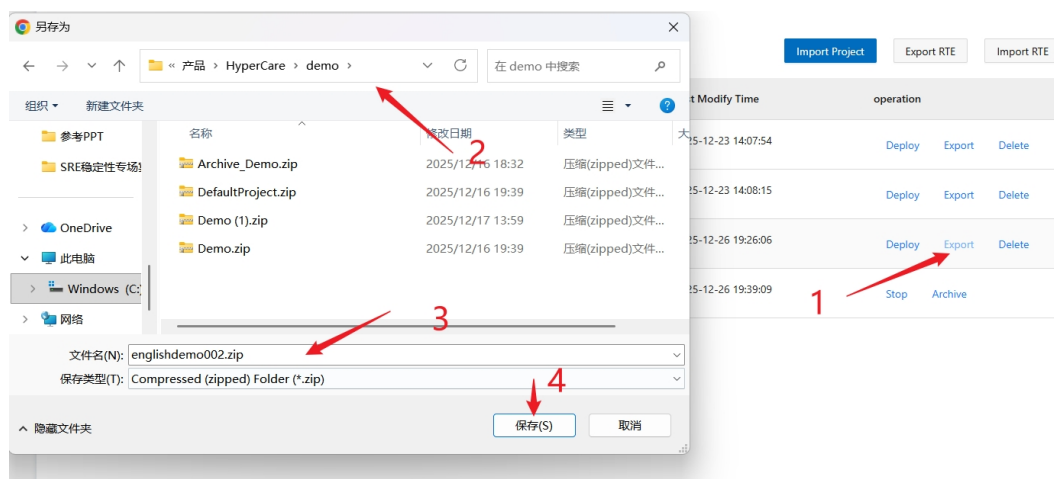


Deployed Successfully

Export archived project to local machine

Archived projects can be exported to local machines for easy file copying across different iComputers.

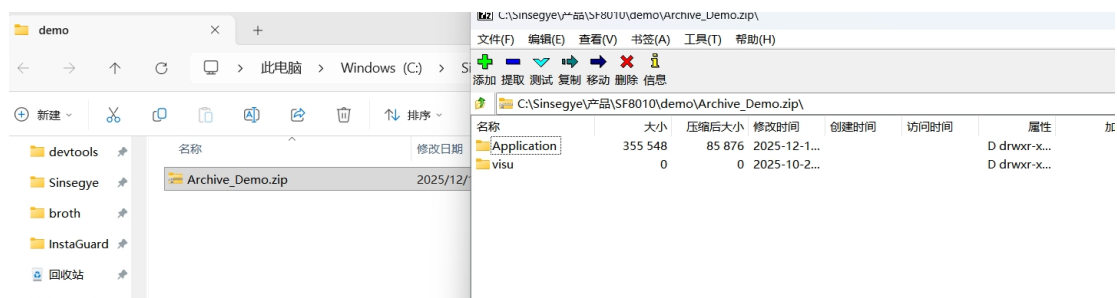
Click the [Export] button on the right side of an archived project to open the “Save file” dialog box. Follow the illustrated order to select and input, then save to the computer where the operation is performed.



When saving files from the network side, you may see a prompt like “To block unsafe downloads”, simply select [Keep].

After saving, open it locally to see the following information after decompression.

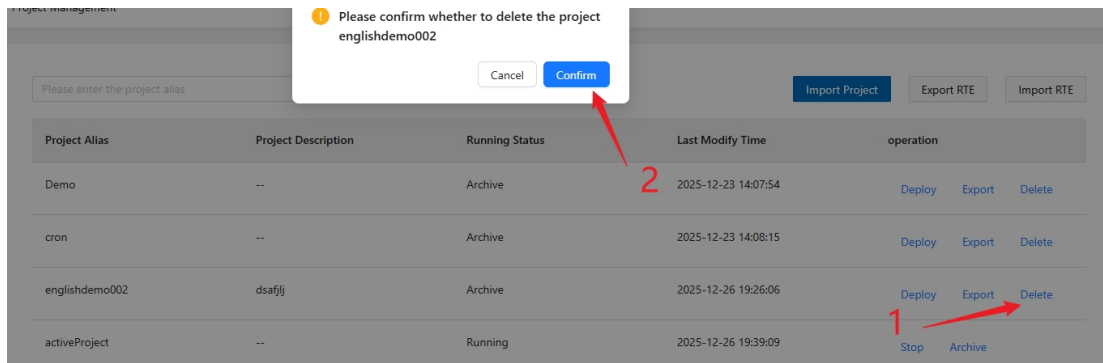
This shows it is a standard PLC project.



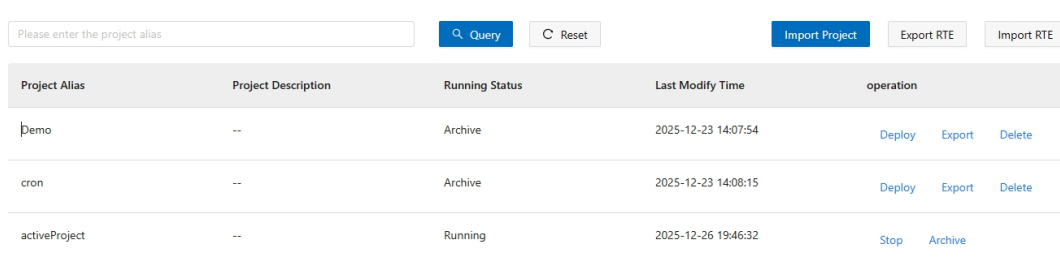
Delete archived project

Archived projects saved on the iComputer may no longer be needed and can be deleted.

Click the [Delete] button on the right side of a archived project to open the project deletion confirmation box. Select [Confirm] to delete the file.



After deletion is completed, refresh the page to see that the project is no longer present.

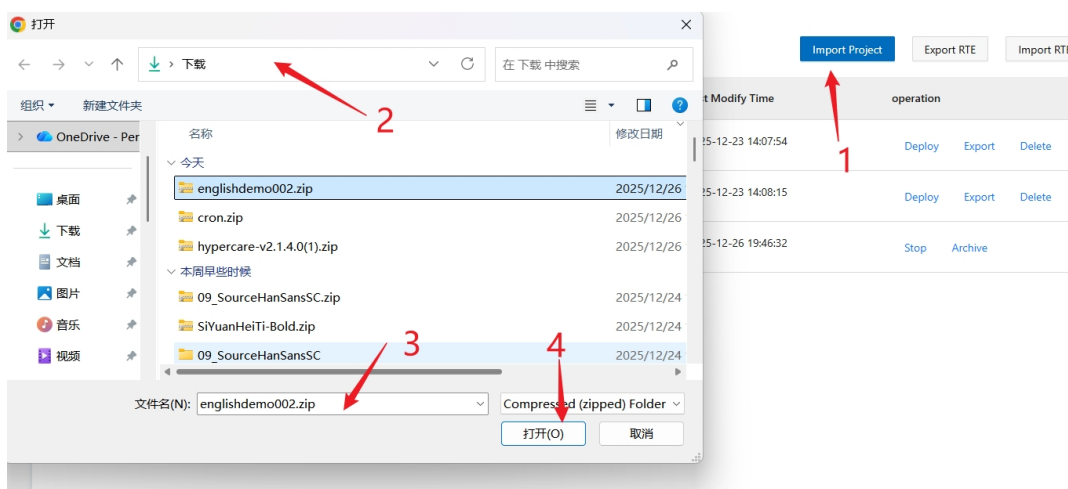


Import a project from local storage to the iComputer.

You can load project files from local storage to the iComputer.

Select the [Import Project] button in the upper right corner of the page. After clicking, a file selection dialog box will pop up.

Select a compressed project file (in the same format as the exported file), then click [Open] to import the project file from your local computer to the iComputer.



During import, a progress bar of varying duration will be displayed depending on the size of the project file.

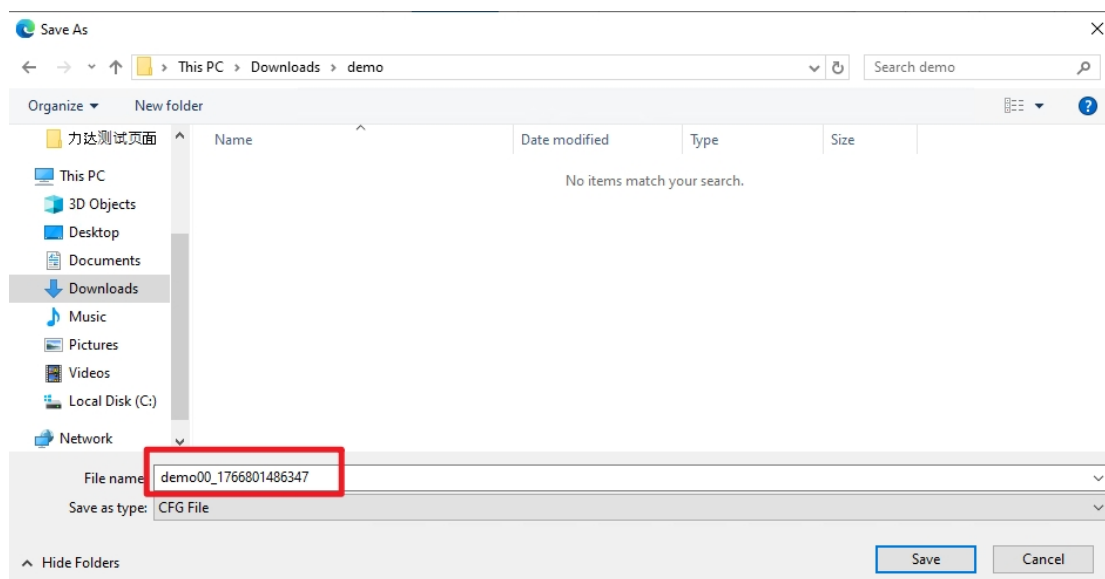
After the import is completed, you will see an additional archived project.

Please enter the project alias		Query	Reset	Import Project	Export RTE	Import RTE
Project Alias	Project Description	Running Status	Last Modify Time	operation		
demo	--	Archive	2025-12-23 14:07:54	Deploy	Export	Delete
cron	--	Archive	2025-12-23 14:08:15	Deploy	Export	Delete
englishdemo002	--	Archive	2025-12-26 19:52:43	Deploy	Export	Delete
activeProject	--	Running	2025-12-26 19:52:44	Stop	Archive	

Export RTE

The user can export the RTE configuration file from an iComputer to the upper computer for saving purposes.

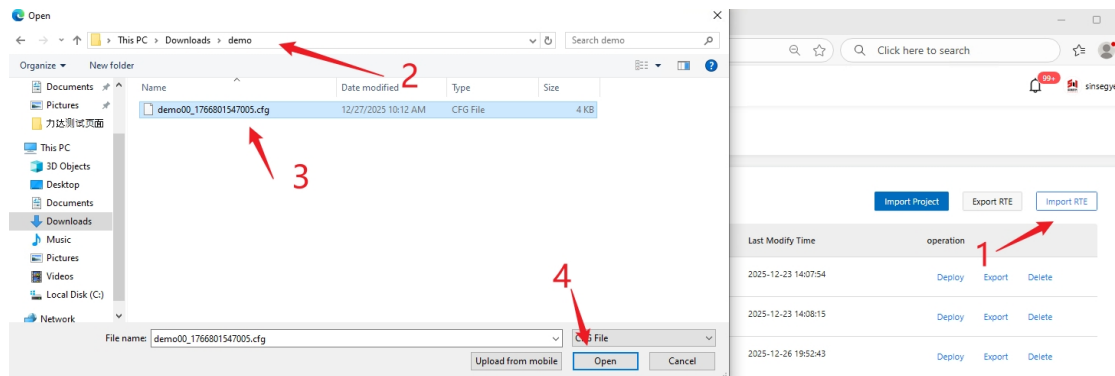
Select the [Export RTE] button in the upper right corner of the page. After clicking, the Export RTE dialog box will pop up. Enter the file name and save path, then click Save.



Import RTE

The user can import saved configuration files into the iComputer to replace the current configuration files.

Select the [Import RTE] button in the upper right corner of the page. After clicking, a file selection dialog box will pop up. After selection, click [Open] to proceed.



During import, the source file's environment may be inconsistent with the target iComputer's, resulting in import failure. Therefore, a secondary confirmation is required.

After confirmation, the import can proceed.



Import RTE

If the backup file has following differences with current iComputer, the restore may fail. If it fails, you need manually modify it from iComputer's CLI. Differences include: 1. authorization 2. package dependency 3. component version

Cancel

OK

Special attention is needed when importing configuration files across iComputers: If module configurations differ between iComputers, the imported RTE configuration file may not function properly, affecting project execution. Therefore, cross-iComputer RTE import operations are generally not recommended.

6.3 Log Viewer

6.3.1 Scope of Application

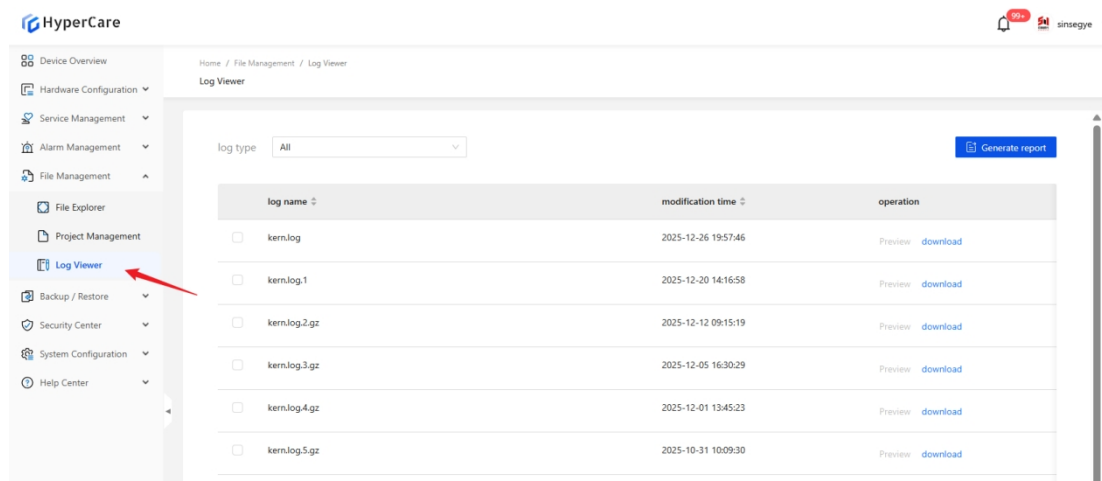
It is applicable to all adapted models.

6.3.2 Function Introduction

This function is used to view and download relevant log files in the real-time domain system.

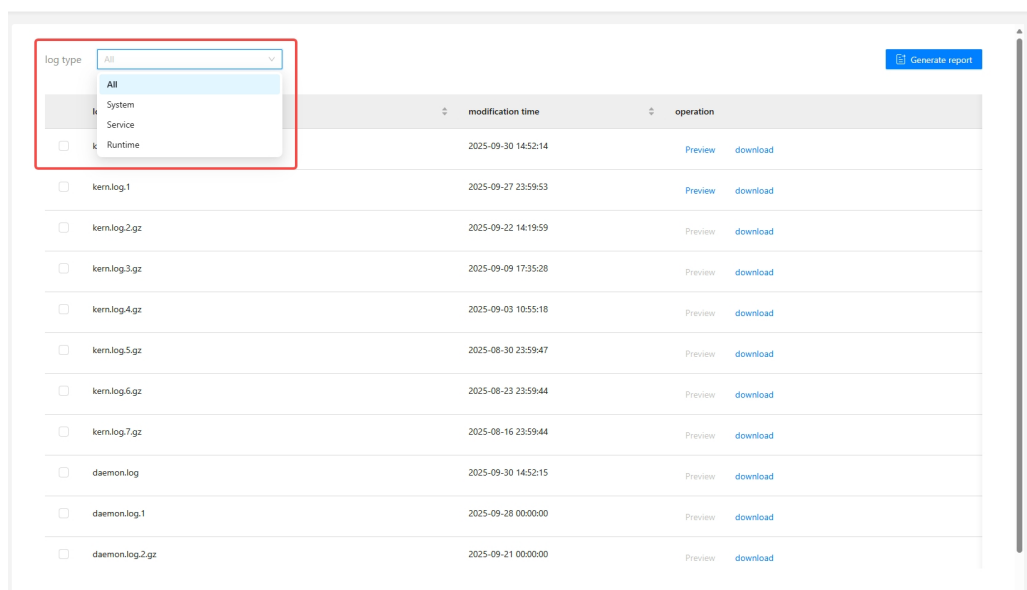
6.3.3 Usage Details

Enter the page



Log classification

- \[All]: Display all log files.
- \[System]: Display kernel logs.
- \[Service]: Display daemon logs.
- \[Runtime]: Display RTE logs.



Single file download

To download a single log file, select the desired file and then click the corresponding \[Download] button.

log type All Generate report

	log name	modification time	operation
☐	kern.log	2025-09-30 14:52:14	Preview download
☐	kern.log.1	2025-09-27 23:59:53	Preview download
☐	kern.log.2.gz	2025-09-22 14:19:59	Preview download
☐	kern.log.3.gz	2025-09-09 17:35:28	Preview download
☐	kern.log.4.gz	2025-09-03 10:55:18	Preview download
☐	kern.log.5.gz	2025-08-30 23:59:47	Preview download
☐	kern.log.6.gz	2025-08-23 23:59:44	Preview download
☐	kern.log.7.gz	2025-08-16 23:59:44	Preview download
☐	daemon.log	2025-09-30 14:52:15	Preview download
☐	daemon.log.1	2025-09-28 00:00:00	Preview download
☐	daemon.log.2.gz	2025-09-21 00:00:00	Preview download

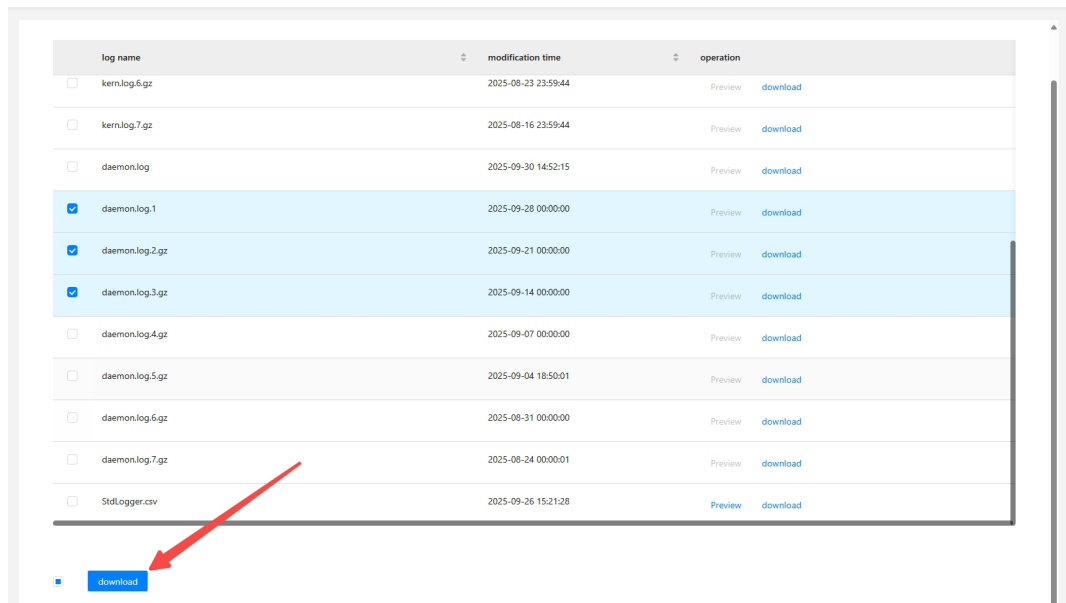
Batch download

To download multiple log files simultaneously, select multiple files by checking the checkboxes in front of them.

log type All Generate report

	log name	modification time	operation
☒	kern.log	2025-09-30 14:52:14	Preview download
☒	kern.log.1	2025-09-27 23:59:53	Preview download
☐	kern.log.2.gz	2025-09-22 14:19:59	Preview download
☐	kern.log.3.gz	2025-09-09 17:35:28	Preview download
☐	kern.log.4.gz	2025-09-03 10:55:18	Preview download
☐	kern.log.5.gz	2025-08-30 23:59:47	Preview download
☐	kern.log.6.gz	2025-08-23 23:59:44	Preview download
☐	kern.log.7.gz	2025-08-16 23:59:44	Preview download
☐	daemon.log	2025-09-30 14:52:15	Preview download
☐	daemon.log.1	2025-09-28 00:00:00	Preview download
☐	daemon.log.2.gz	2025-09-21 00:00:00	Preview download

Click the [\[Download\]](#) button at the bottom for batch download.

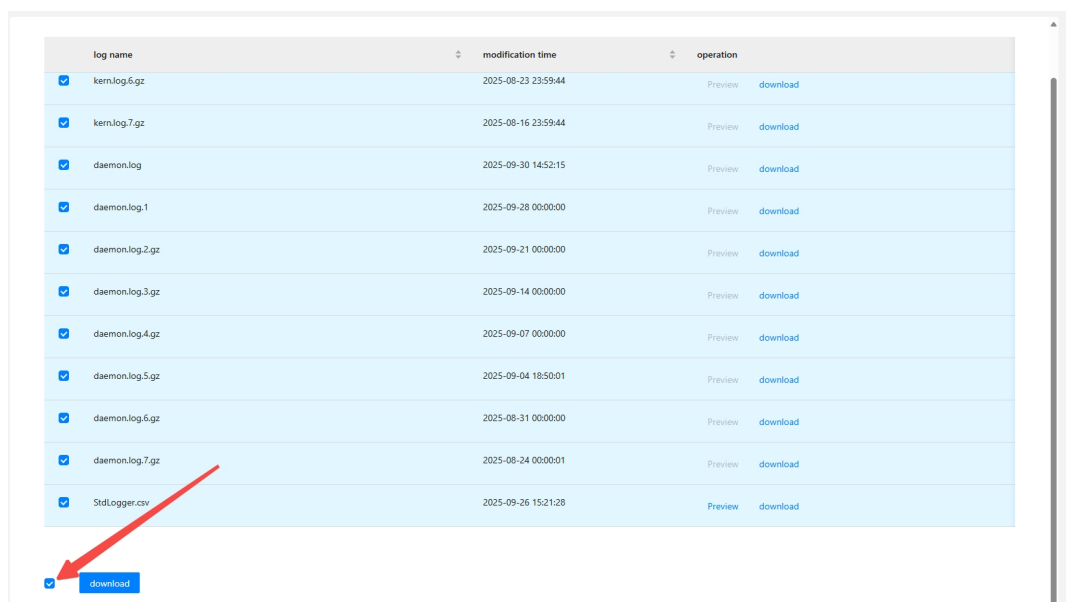


log name	modification time	operation
☐ kern.log.6.gz	2025-08-23 23:59:44	Preview download
☐ kern.log.7.gz	2025-08-16 23:59:44	Preview download
☐ daemon.log	2025-09-30 14:52:15	Preview download
☒ daemon.log.1	2025-09-28 00:00:00	Preview download
☒ daemon.log.2.gz	2025-09-21 00:00:00	Preview download
☒ daemon.log.3.gz	2025-09-14 00:00:00	Preview download
☐ daemon.log.4.gz	2025-09-07 00:00:00	Preview download
☐ daemon.log.5.gz	2025-09-04 18:50:01	Preview download
☐ daemon.log.6.gz	2025-08-31 00:00:00	Preview download
☐ daemon.log.7.gz	2025-08-24 00:00:01	Preview download
☐ StdLogger.csv	2025-09-26 15:21:28	Preview download

☒ download

Download all files

To download all log files at once, select all files by checking the ☒ in the left of the ☒ [Download] button.



log name	modification time	operation
☒ kern.log.6.gz	2025-08-23 23:59:44	Preview download
☒ kern.log.7.gz	2025-08-16 23:59:44	Preview download
☒ daemon.log	2025-09-30 14:52:15	Preview download
☒ daemon.log.1	2025-09-28 00:00:00	Preview download
☒ daemon.log.2.gz	2025-09-21 00:00:00	Preview download
☒ daemon.log.3.gz	2025-09-14 00:00:00	Preview download
☒ daemon.log.4.gz	2025-09-07 00:00:00	Preview download
☒ daemon.log.5.gz	2025-09-04 18:50:01	Preview download
☒ daemon.log.6.gz	2025-08-31 00:00:00	Preview download
☒ daemon.log.7.gz	2025-08-24 00:00:01	Preview download
☒ StdLogger.csv	2025-09-26 15:21:28	Preview download

☒ download

Click the ☒ [Download] button at the bottom for batch download.

log name	modification time	operation
☒ kern.log.6.gz	2025-08-23 23:59:44	Preview download
☒ kern.log.7.gz	2025-08-16 23:59:44	Preview download
☒ daemon.log	2025-09-30 14:52:15	Preview download
☒ daemon.log.1	2025-09-28 00:00:00	Preview download
☒ daemon.log.2.gz	2025-09-21 00:00:00	Preview download
☒ daemon.log.3.gz	2025-09-14 00:00:00	Preview download
☒ daemon.log.4.gz	2025-09-07 00:00:00	Preview download
☒ daemon.log.5.gz	2025-09-04 18:50:01	Preview download
☒ daemon.log.6.gz	2025-08-31 00:00:00	Preview download
☒ daemon.log.7.gz	2025-08-24 00:00:01	Preview download
☒ StdLogger.csv	2025-09-26 15:21:28	Preview download

☒ [download](#)

Sorting of logs

Support sorting by \[Log Name] or \[Modification Time]. Click the \[Arrow] button to toggle the sorting modes.

- Descending order
- Ascending order
- No sorting

log type	All	Generate report
log name	modification time	operation
☐ kern.log	2025-09-30 14:52:14	Preview download
☐ kern.log.1	2025-09-27 23:59:53	Preview download
☐ kern.log.2.gz	2025-09-22 14:19:59	Preview download
☐ kern.log.3.gz	2025-09-09 17:35:28	Preview download
☐ kern.log.4.gz	2025-09-03 10:55:18	Preview download
☐ kern.log.5.gz	2025-08-30 23:59:47	Preview download
☐ kern.log.6.gz	2025-08-23 23:59:44	Preview download
☐ kern.log.7.gz	2025-08-16 23:59:44	Preview download
☐ daemon.log	2025-09-30 14:52:15	Preview download
☐ daemon.log.1	2025-09-28 00:00:00	Preview download
☐ daemon.log.2.gz	2025-09-21 00:00:00	Preview download

Preview of logs

Some logs can be previewed by clicking the \[Preview] button

log name	modification time	operation
☐ daemon.log.5.gz	2025-09-04 18:50:01	Preview download
☐ daemon.log.4.gz	2025-09-07 00:00:00	Preview download
☐ kern.log.3.gz	2025-09-09 17:35:28	Preview download
☐ daemon.log.3.gz	2025-09-14 00:00:00	Preview download
☐ daemon.log.2.gz	2025-09-21 00:00:00	Preview download
☐ kern.log.2.gz	2025-09-22 14:19:59	Preview download
☐ StdLogger.csv	2025-09-26 15:21:28	Preview download
☐ kern.log.1	2025-09-27 23:59:53	Preview download
☐ daemon.log.1	2025-09-28 00:00:00	Preview download
☐ kern.log	2025-09-30 14:52:14	Preview download
☐ daemon.log	2025-09-30 14:52:15	Preview download

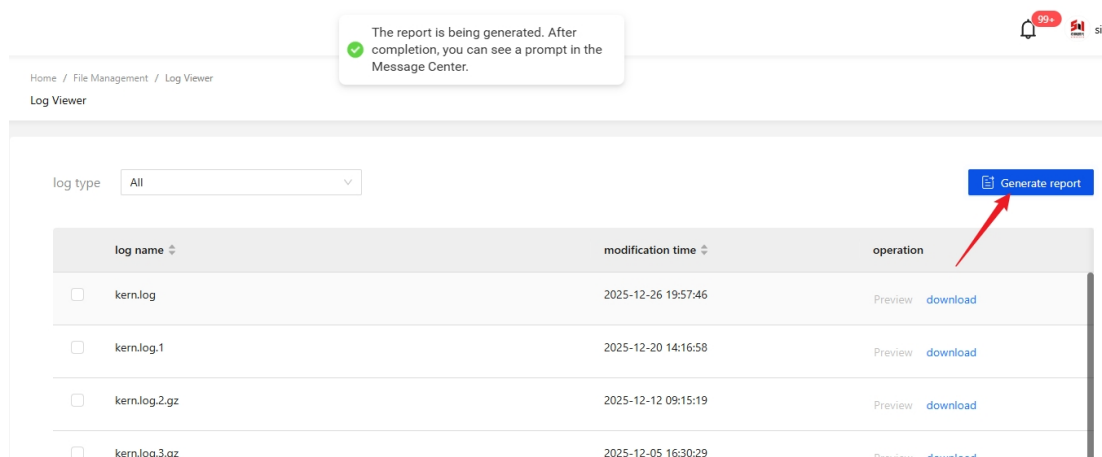
☐ [download](#)

StdLogger.csv

```
,***** ;
<loggername>StdLogger</loggername> ;<logoptions> ;
<enable>1</enable> ; <type>normal</type> ;
<timestamp>rtc</timestamp> ; <deactivatable>0</deactivatable> ;
<dump>always</dump> ; <filter>0x0000000f</filter> ;
<maxentries>1000</maxentries> ; <maxfiles>10</maxfiles> ;
<maxfilesize>1048576</maxfilesize> ;</logoptions> ;<entries>
;Timestamp, Cmpld, ClassId, ErrorId, Infol, InfoText ;ClassId: LOG_INFO =1
;ClassId: LOG_WARNING =2 ;ClassId: LOG_ERROR =4 ;ClassId:
LOG_EXCEPTION =8 ;ClassId: LOG_DEBUG =16 ;ClassId: LOG_PRINTF =32
;ClassId: LOG_COM =64 ;</entries>
,***** 2025-12-
23T14:36:54-0800, 0x17d27889, 1, 0, 0, CH_INIT_COMM 2025-12-
23T14:36:54-0800, 0x00000002, 1, 0, 10, Application
[<app>Application</app>] started 2025-12-23T14:36:54-0800,
0x17d27889, 1, 0, 0, CH_INIT_FINISHED 2025-12-23T14:36:54-0800,
0x00000001, 1, 0, 34, CODESYS Control ready 2025-12-23T14:37:15-0800,
0x00000001, 1, 0, 35, CODESYS Control shutdown... 2025-12-23T14:37:16-
0800, 0x00000124, 1, 0, 0, Provider 'AlarmManager' (version 0x305121e)
unregisterd at the OPC UA server. 2025-12-23T14:37:16-0800,
0x17d27889, 1, 0, 0, CH_EXIT_COMM 2025-12-23T14:37:16-0800,
```

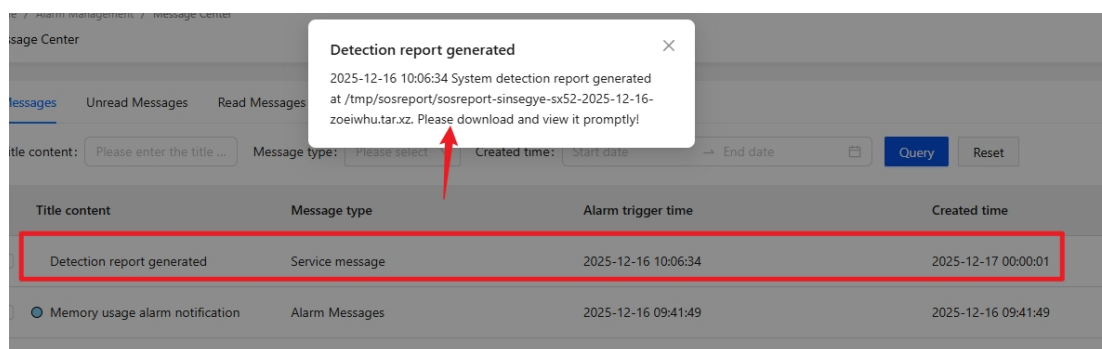
Generate report

Click \[Generate Report] in the upper right corner

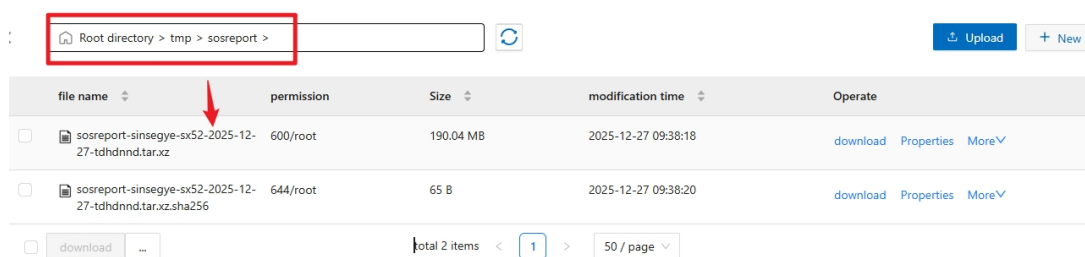


After a few minutes, you can see the message details in the alarm icon in the upper right corner and in the message center.

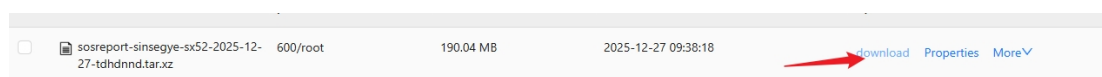
Clicking on the message details will show the corresponding file path of the system detection report.



Follow the path in the message details to find the report document from file management.



The report can be saved to the local computer by clicking \[Download]



Important notes

- The log preview function is only available if the log is in text format and the file size is less than 2MB. For files that do not meet these conditions, the "Preview" button on the right will be grayed out, and hovering over it will display a summary of the reason why the preview is unavailable.
- The "Generate Report" function may take several minutes depending on factors such as device performance. After clicking "Generate Report," you do not need to wait on this page

and can continue to operate on other pages.

7. Remote Access

7.1 Remote Desktop

7.1.1 Scope of Application

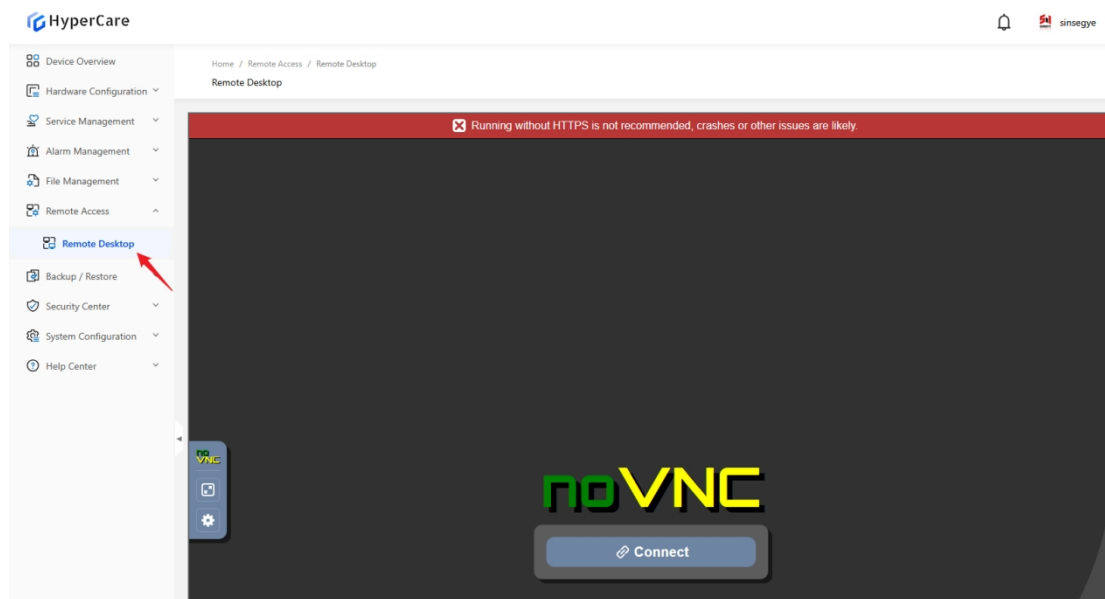
Product Family	Product Model 1	Product Model 2	Product Model 3	Description
SX21	SX2133 Type I	SX2133 Type II		
SX51	SX5132-XXXX	SX5164-XXXX	SX5100-XXXX	X represents any single digit.
SX52	SX5232-XXXX	SX5264-XXXX	SX5200-XXXX	X represents any single digit.
SX58	SX5820-010X	SX5820-000X		X represents any single digit.
SP70	SP7022-2230	SP7020-2230	SP7010-1210	
SP60	SP6000-0000			

7.1.2 Function Introduction

This function is used for the user to directly operate the graphical interface of the remote host on local terminal device through network

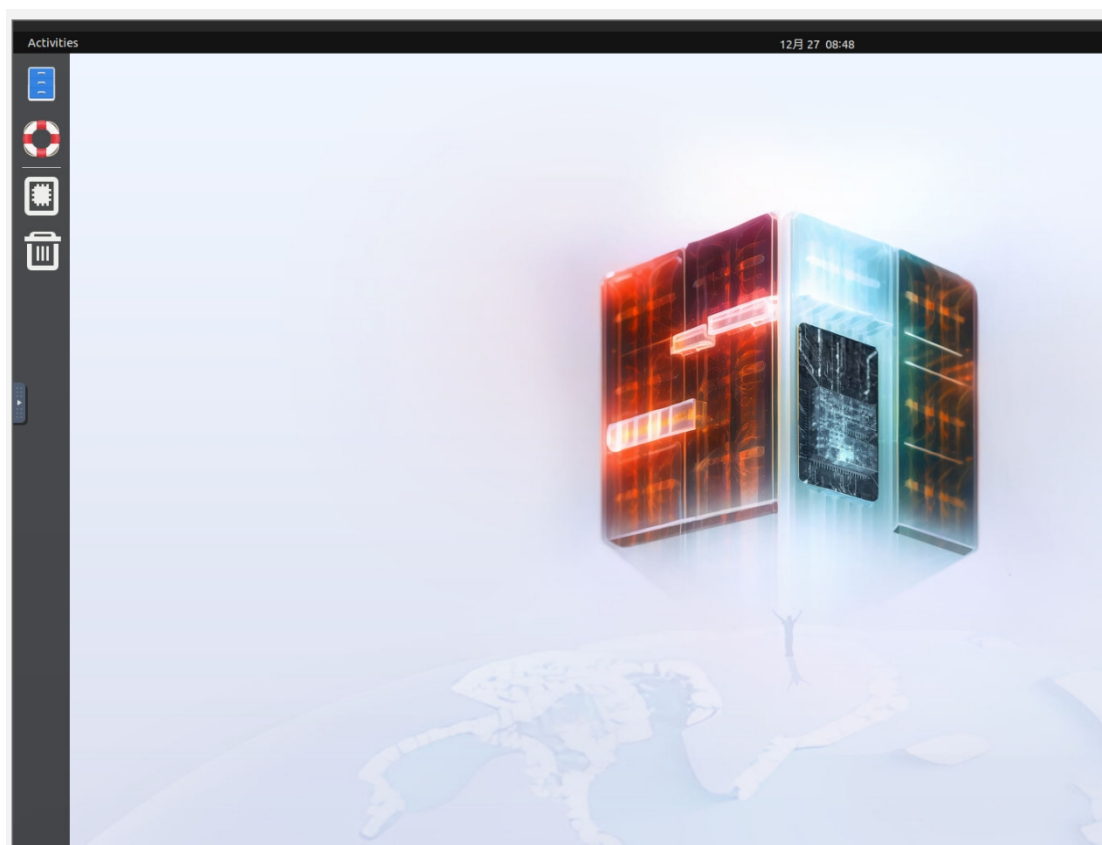
7.1.3 Usage Details

Enter the page

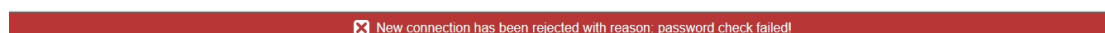


Connect

Click "Connect" in the center of the page and enter the password. This password is the password for logging into the Linux system.



If the password is entered incorrectly, the following message will be displayed:



The small triangle in the middle on the left side, when clicked, will open the NoVNC advanced operation menu. It is not recommended for users to interact with this menu, as it may cause

the connection to be interrupted.

Important Notes

- If the connection is lost, please wait 30 seconds and then refresh the page to reconnect.
- Due to the large amount of data being transferred on this page, there may be a delay in refreshing and responding to actions.
- The language of the content displayed on the connection page is determined by your browser language settings.

8. Backup and Restore

8.1 Configuration Backup and Restore

8.1.1 Scope of Application

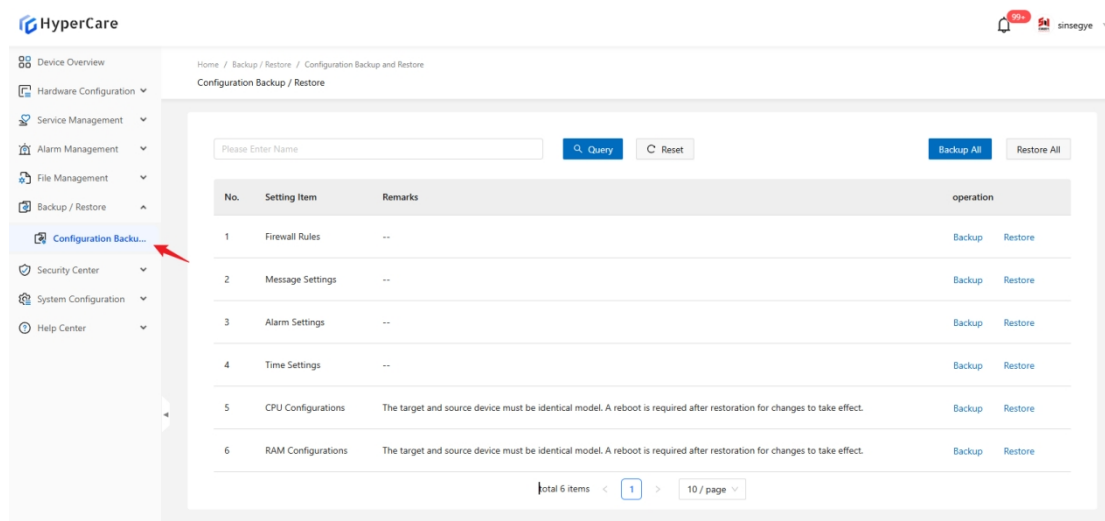
Applicable to all adapted models.

8.1.2 Function Introduction

This function is used for backing up and restoring common configuration items. Including CPU configuration and memory configuration in hardware settings, message settings and alarm settings in the alert center, date and time settings in system configuration, and firewall user rule configuration in security settings.

8.1.3 Usage Details

Enter page



Filter Query

You can search by name, click the blue [Query] button to apply filter conditions, or click the white [Reset] button to clear all filter conditions.

Note: Case sensitive

Please Enter Name			Query	Reset	Backup All	Restore All
No.	Setting Item	Remarks	operation			
1	Firewall Rules	--	Backup	Restore		
2	Message Settings	--	Backup	Restore		
3	Alarm Settings	--	Backup	Restore		
4	Time Settings	--	Backup	Restore		
5	CPU Configurations	The target and source device must be identical model. A reboot is required after restoration for changes to take effect.	Backup	Restore		
6	RAM Configurations	The target and source device must be identical model. A reboot is required after restoration for changes to take effect.	Backup	Restore		
total 6 items < 1 > 10 / page						

Backup single configuration

The user can click any [Backup] button on the right side of the page to back up the selected configuration item.

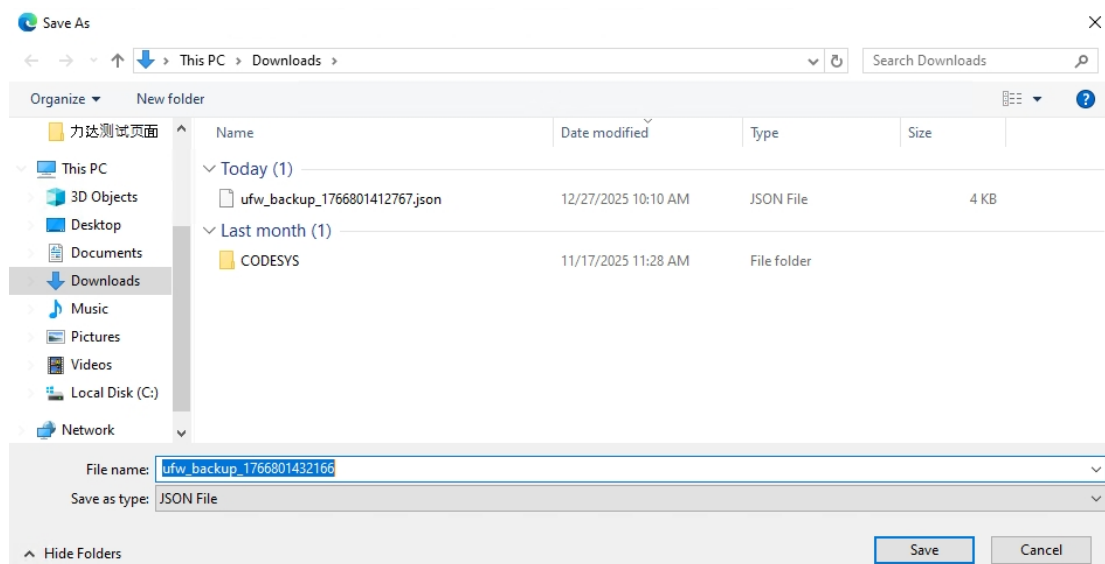
Take firewall configuration as an example.

Please Enter Name			Query	Reset	Backup All	Restore All
No.	Setting Item	Remarks	operation			
1	Firewall Rules	--	Backup	Restore		
2	Message Settings	--	Backup	Restore		
3	Alarm Settings	--	Backup	Restore		
4	Time Settings	--	Backup	Restore		
5	CPU Configurations	The target and source device must be identical model. A reboot is required after restoration for changes to take effect.	Backup	Restore		
6	RAM Configurations	The target and source device must be identical model. A reboot is required after restoration for changes to take effect.	Backup	Restore		
total 6 items < 1 > 10 / page						

After clicking [Backup], the "Configuration Backup" page will pop up. You can see that the "Firewall-User Configuration" option is selected by default.

If no other modifications are needed, simply click [Backup]. A "Save file" dialog box will then appear for normal saving.

When saving a file, the default naming rule is: "{English name of configuration type}_backup_{timestamp of configuration backup generation}.json"

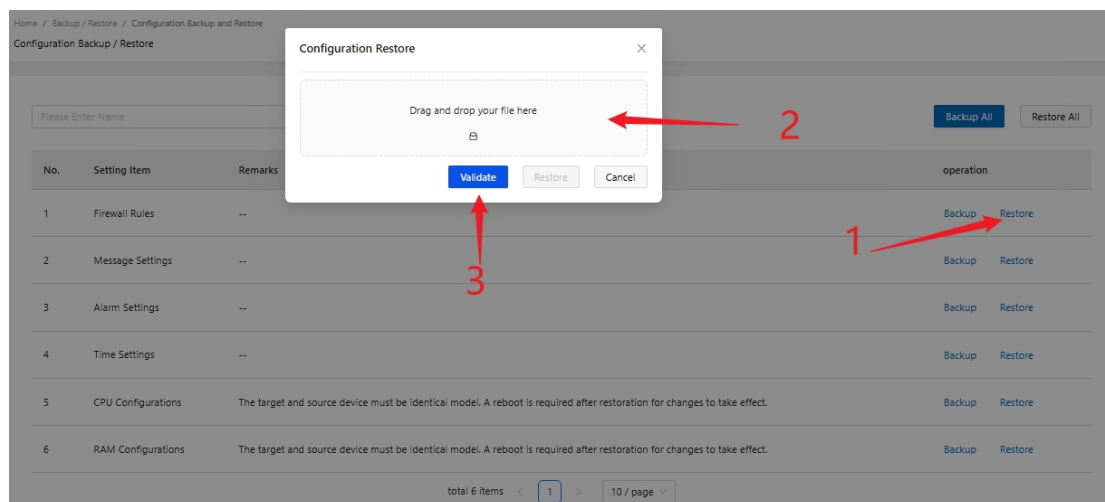


Restore single configuration

The user can click any [Restore] button on the right side to restore the selected configuration item.

Still using the firewall as an example:

The user click the [Restore] button on the right side of the firewall configuration, then a configuration restoration page pops up. Drag the file to be restored into the box or click to select the file. Then click [Validate]



If the file type selected by the user is incorrect, an error message will appear after clicking [Validate]: “Some of your files do not conform to JSON format and have been filtered out”.

 Some of your files do not conform to JSON format and have been filtered out.

If the file selected by the user is in JSON format but contains incorrect content (e.g., not a backup file JSON), an error message will appear after clicking [Validate]: “Unknown Modules”.

Configuration Restore



📎 871cfdc5-1a7c-4e49-b84c-d20654bb4884-container.json

Unknown Modules

If the backup file selected by the user is in the correct format but the device does not support restoring this configuration type, an error message will appear after clicking [Validate]:
"Validation Failed".

Configuration Restore

📎 memory_backup_1766137933823.json

Verification Failed

If the backup file selected by the user is in the correct format, the configuration module information corresponding to the backup file will be displayed after clicking [Validate]:

Configuration Restore



📎 ufw_backup_1766802285365.json

Firewall Rules

Drag and drop your file here



Validate

Restore

Cancel

Then click [Restore], and a general restore prompt box will pop up. The user needs to click [Confirm] to proceed with the restoration.



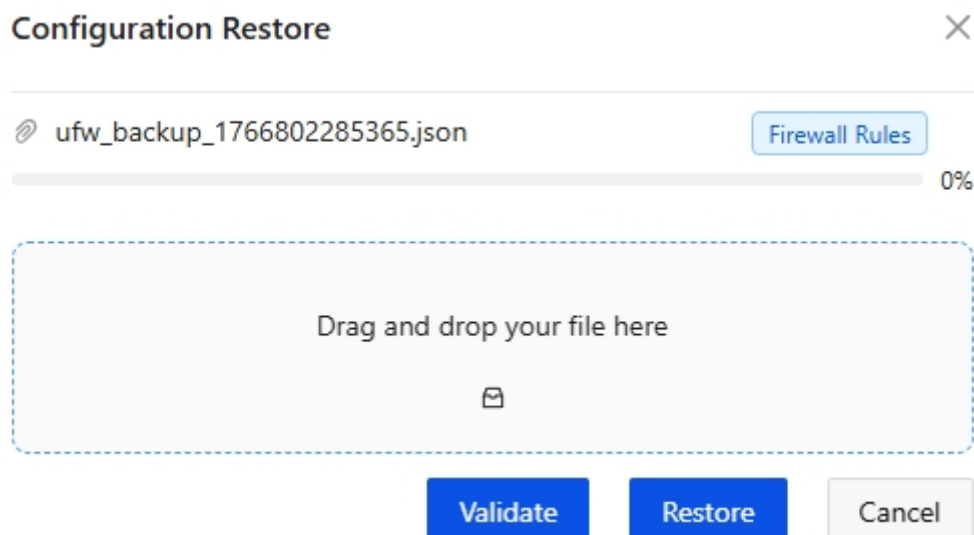
Warning

CPU and memory configurations require a restart to take effect after restoration.

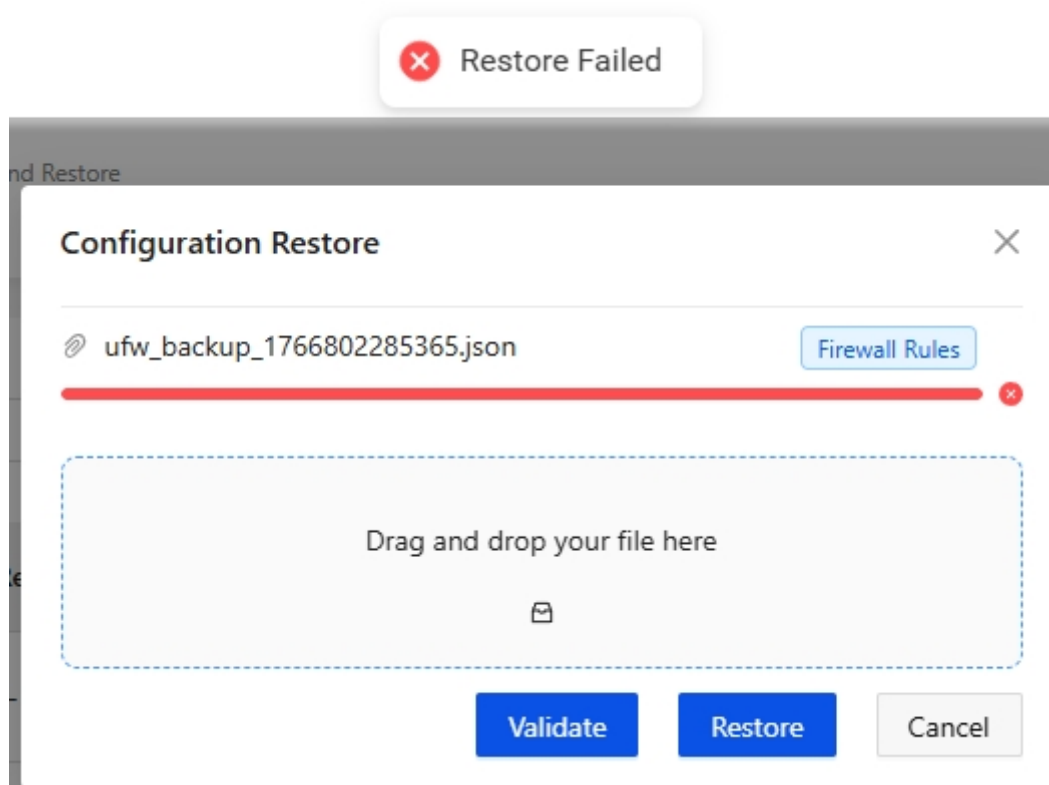
Cancel

Confirm

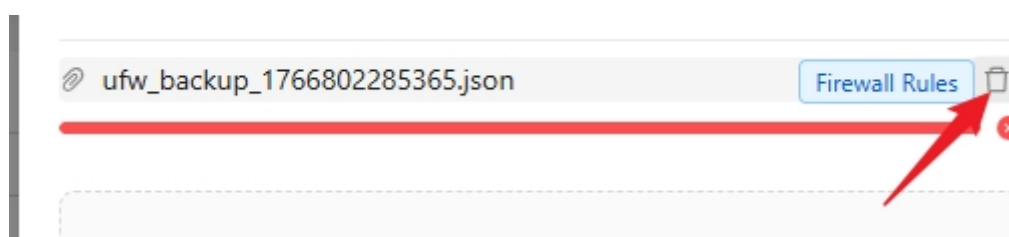
After clicking [Confirm], a progress bar of restoration will appear. Once the green progress bar completes, a "Restore Successful" prompt will pop up.



If the restoration fails, the progress bar will turn red, and a "Restore Failed" prompt will appear.



When the user clicks [Restore] but selects an incorrect file, hover the mouse over the file row to see a trash can icon appear on the right. Clicking this icon will delete the file.



If the file fails validity verification, problematic files can be deleted using the same method.

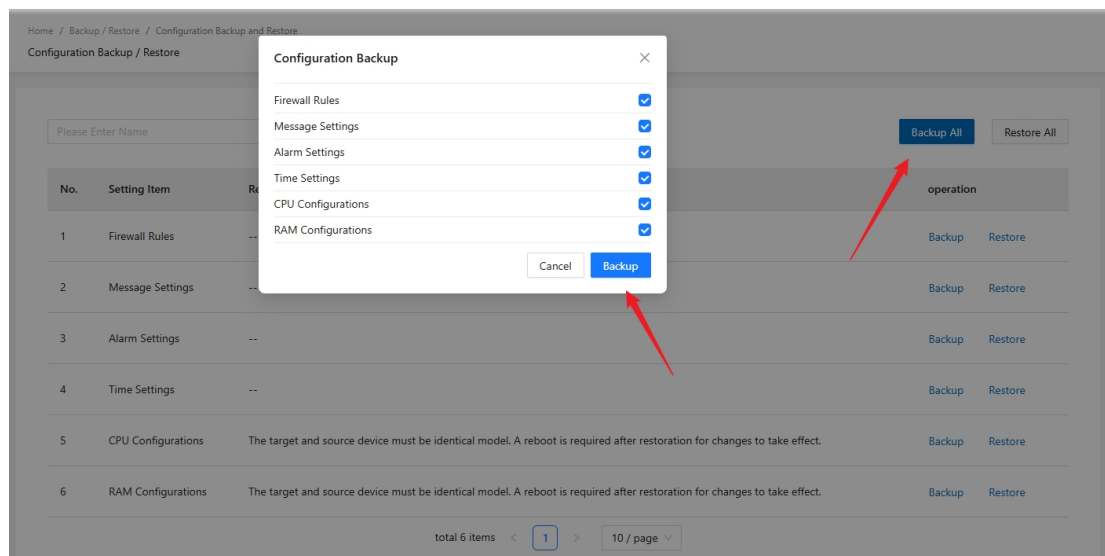
When the user clicks [Restore] and the selected file passes validity verification, if the displayed module it belongs to is not what we need, problematic files can be deleted using the same method.

When the user clicks [Restore] and the selected file passes validity verification, if there are multiple configuration files for the same module, a "Duplicate Module" prompt will be displayed. Problematic files can be deleted using the same method.

Back up all configurations

The user can also back up all configurations with one click.

When the user clicks the [Backup all] button in the upper right corner of this page, a configuration backup selection box will pop up. All options in this box are checked by default at this time.



After the user clicks [Confirm], multiple dialog boxes will pop up, allowing the user to save configuration backup files for all selected modules.

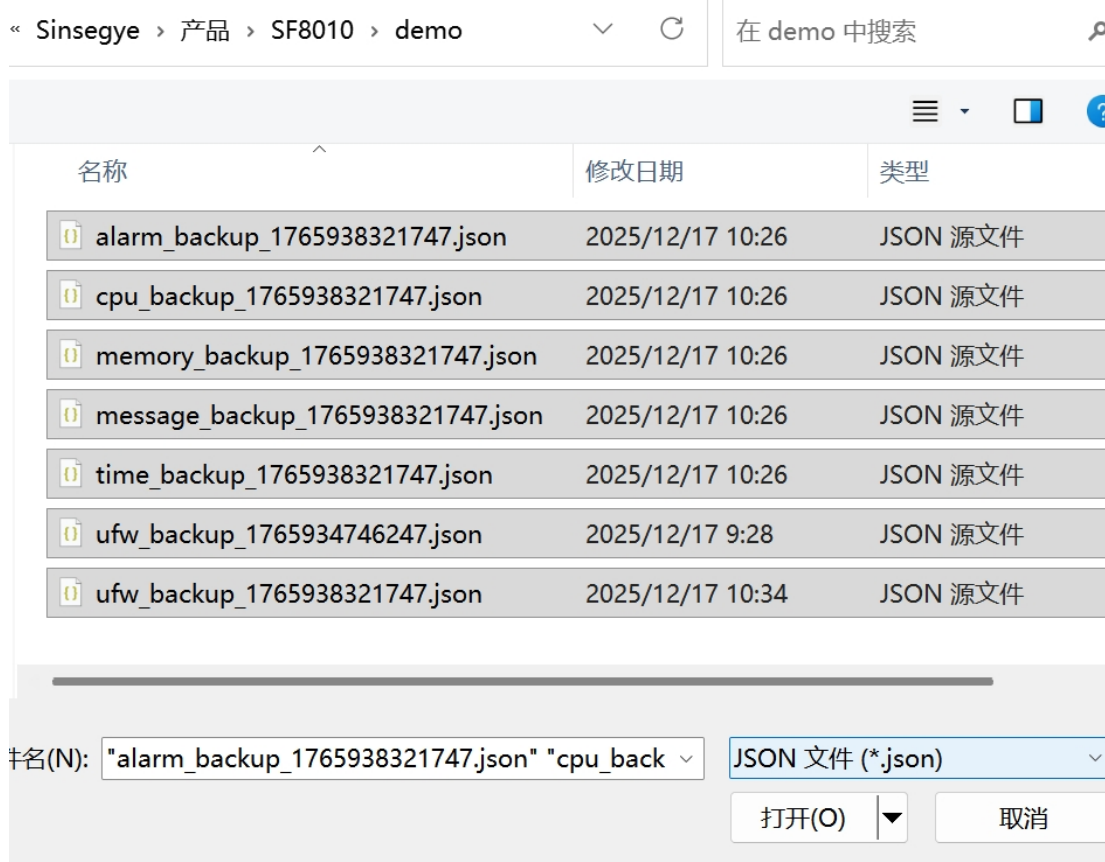
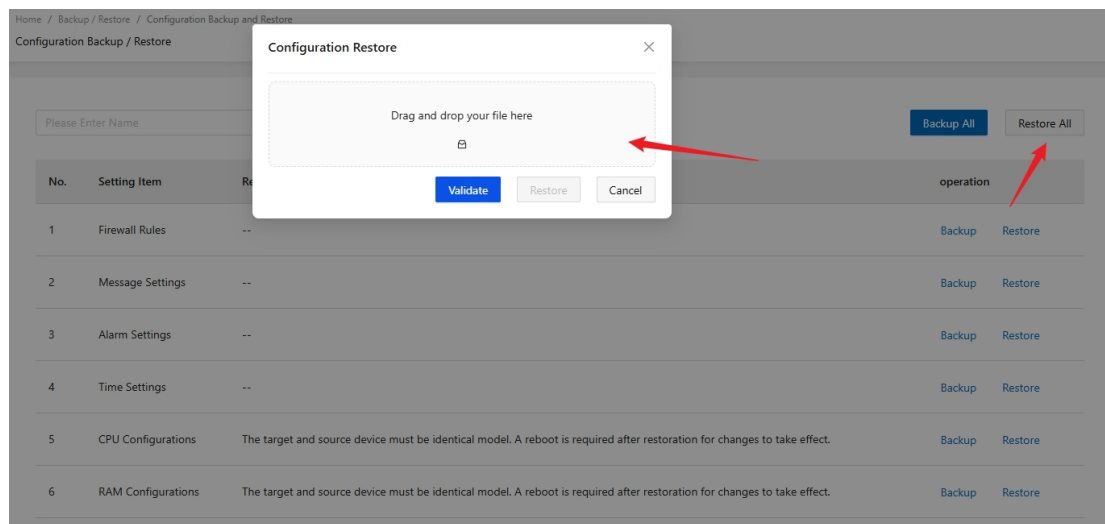
Note: On the configuration backup page where the user selects a single backup item individually, the same effect can also be achieved by checking "Select All". This is a quick access entry.

Restore all configurations

The user can also restore all configurations with one click.

When the user clicks the [Restore all] button at the top right of the page, a configuration restore selection box will pop up.

The user needs to drag all configuration files to be restored into the dialog box either all at once or one by one.



Then click [Validate].

If issues occur, the process is the same as restoring only one item.

After all pass validations, click [Restore] to proceed with configuration restoration.

Configuration Restore

×

 time_backup_1766802673653.json

Time Settings

✓

 cpu_backup_1766802673653.json

CPU Configurations

0%

 memory_backup_1766802673653.json

RAM Configurations

0%

 alarm_backup_1766802673653.json

Alarm Settings

0%

 message_backup_1766802673653.json

Message Settings

✓

 ufw_backup_1766802673653.json

Firewall Rules

✓

Drag and drop your file here



Validate

Restore

Cancel

Important Notes

There are various reasons for restoration failure, common ones include: manually modified configuration backup files, or excessive version differences between the backup module and the current module.

If the restoration time for a single configuration item exceeds 30 seconds, it will be considered a restoration failure.

The total restoration time for multiple configuration items typically ranges between 10 to 60 seconds.

Different devices may support different backup and restoration items, subject to actual supported capabilities.

9. Security Center

9.1 System Firewall

9.1.1 Scope of Application

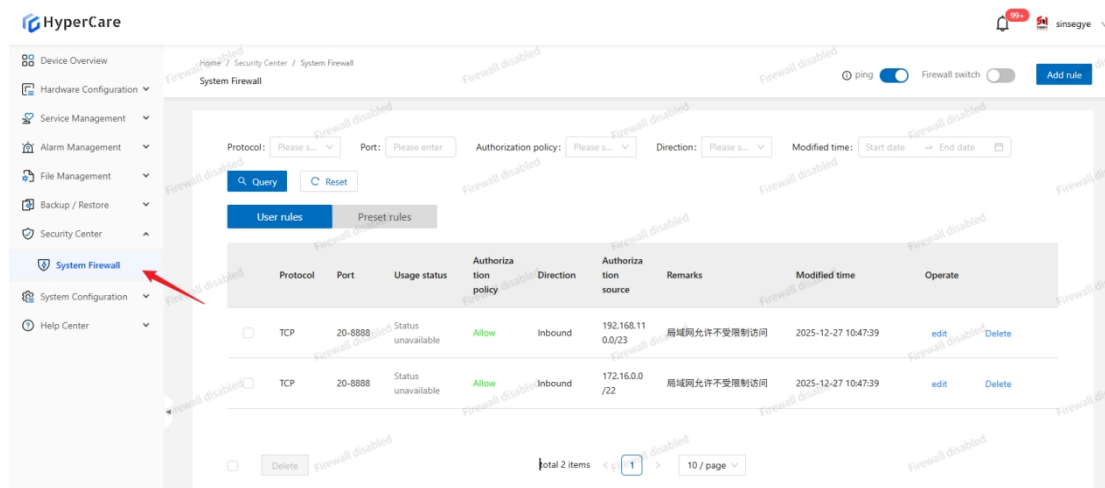
It is applicable to all adapted models.

9.1.2 Function Introduction

This function is used to provide refined network access control and threat defense capability.

9.1.3 Usage Details

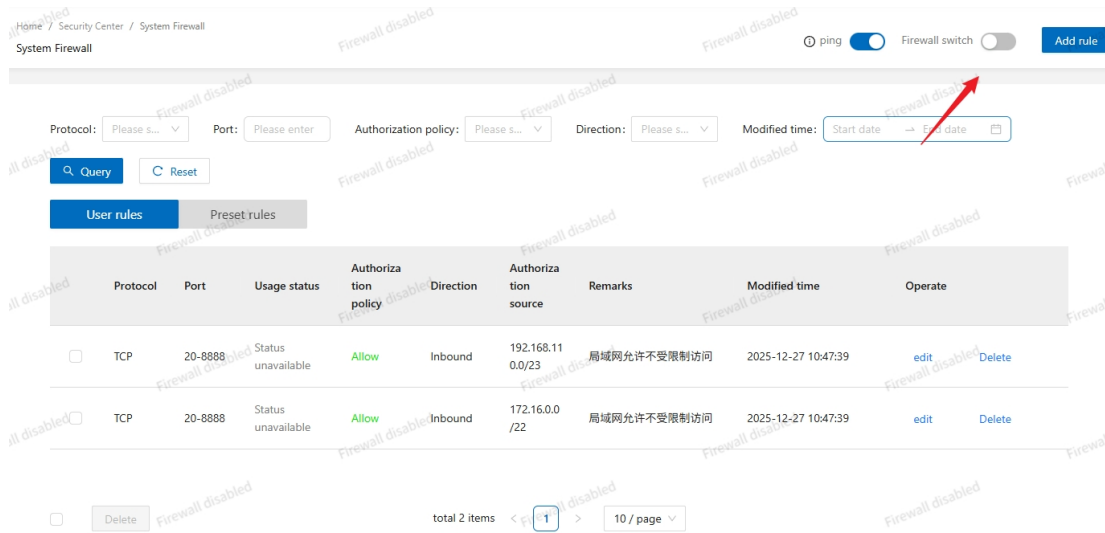
Enter the page



The firewall configuration is disabled by default at the factory, as indicated by the status information watermark displayed above.

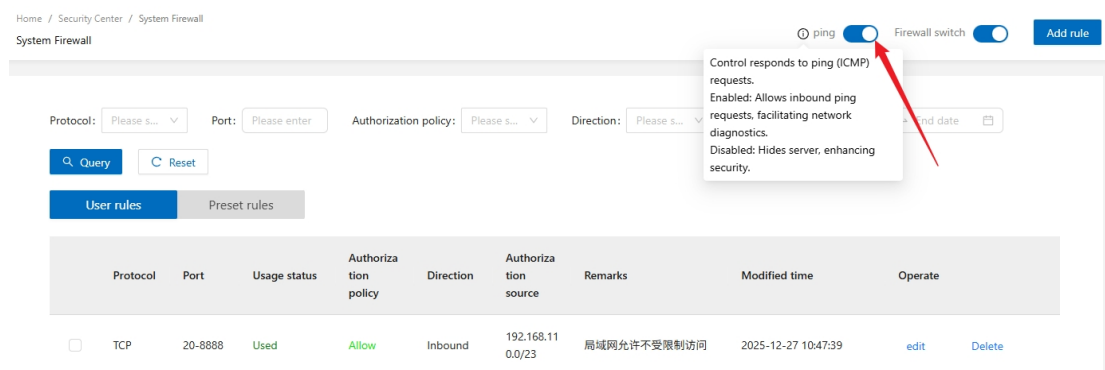
Firewall on-off control

Click \[Firewall Switch]



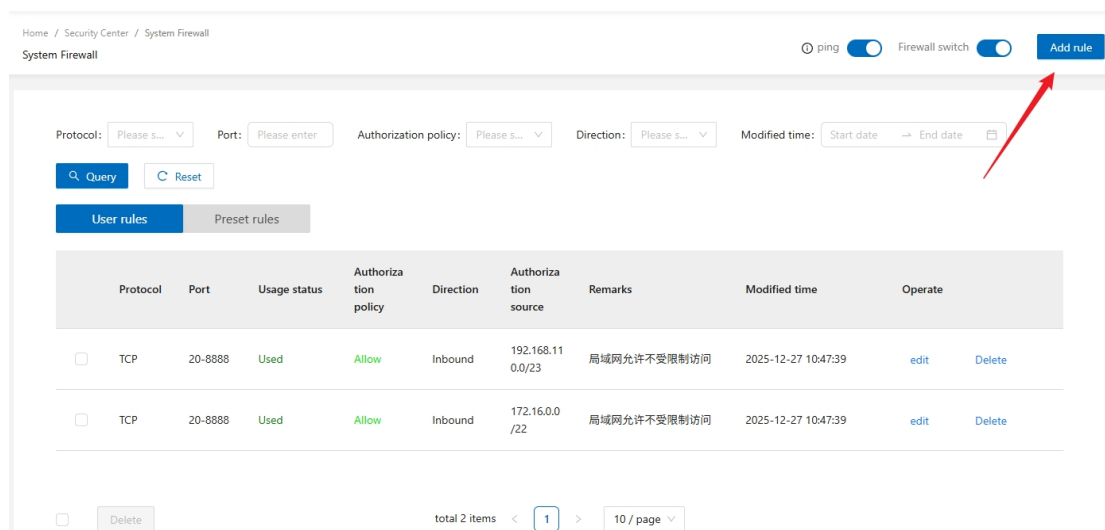
ping switch control

Click the \[Ping] switch to control whether ping is allowed.



Add rule

Click \[Add Rule] in the upper right corner



Enter rule information as prompted, click \[Confirm] to add it

Add rule

* Protocol

TCP

* Port

19999

* Direction

Inbound

* Authorization policy

Allow

Authorization source

Specified IP

* Specified IP

172.16.0.0/22,192.168.110.0/23

Supported IP/IP range: e.g. 172.16.10.11 or 172.16.0.0/24

Separate IP/IP range by comma. e.g. 172.16.10.11,172.16.0.0/24

Remarks

fff

Cancel

Confirm

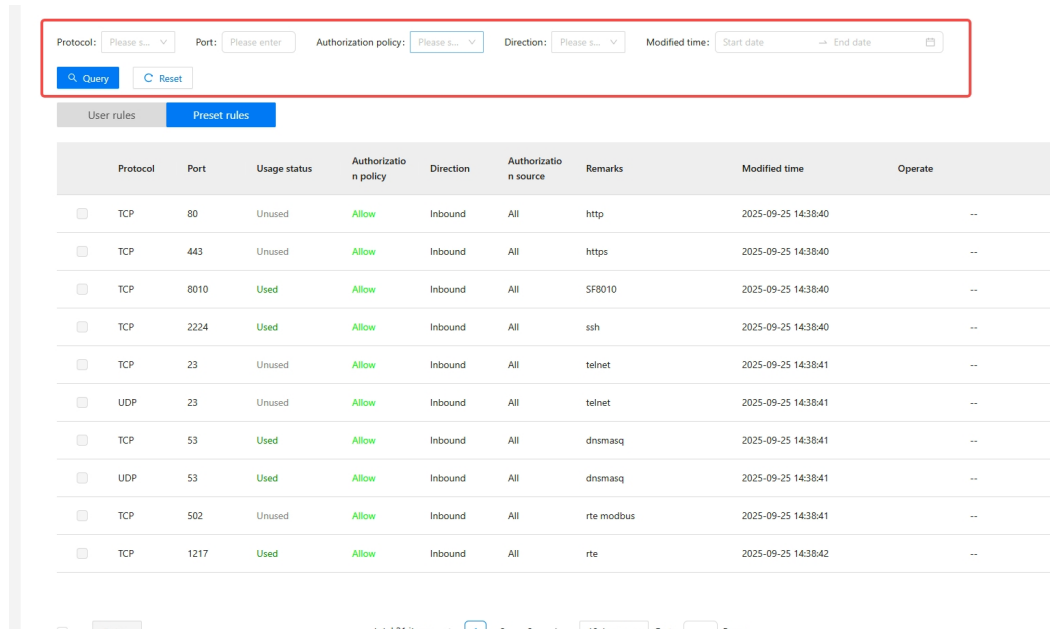
Once added, we can see the rule already in the user rules list.

Here: Unused means no service listen to this port/port range.

User rules		Preset rules								
	Protocol	Port	Usage status	Authoriza tion policy	Direction	Authoriza tion source	Remarks	Modified time	Operate	
☐	TCP	19999	Unused	Allow	Inbound	192.168.11 0.0/23	fff	2025-12-27 10:55:28	edit	Delete
☐	TCP	19999	Unused	Allow	Inbound	172.16.0.0 /22	fff	2025-12-27 10:55:28	edit	Delete
☐	TCP	19999	Unused	Allow	Inbound	192.168.11	ffffffffff	2025-12-27 10:55:28	edit	Delete

Filter and query

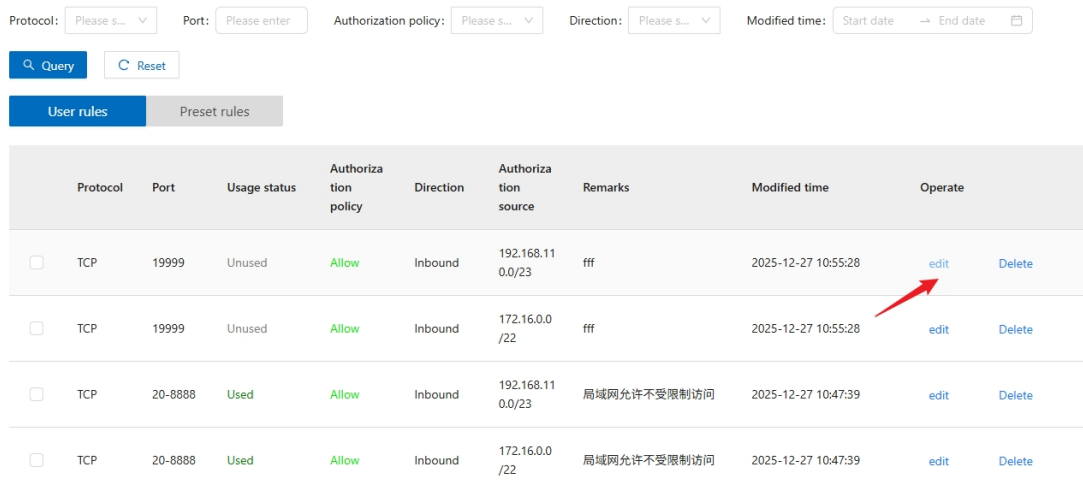
You can search by protocol, port, authorization policy, direction, and modified time. Click the blue [Query] button to apply the filter criteria, and click the white [Reset] button to clear all filter criteria.



	Protocol	Port	Usage status	Authorization policy	Direction	Authorization source	Remarks	Modified time	Operate
☐	TCP	80	Unused	Allow	Inbound	All	http	2025-09-25 14:38:40	--
☐	TCP	443	Unused	Allow	Inbound	All	https	2025-09-25 14:38:40	--
☐	TCP	8010	Used	Allow	Inbound	All	SF8010	2025-09-25 14:38:40	--
☐	TCP	2224	Used	Allow	Inbound	All	ssh	2025-09-25 14:38:40	--
☐	TCP	23	Unused	Allow	Inbound	All	telnet	2025-09-25 14:38:41	--
☐	UDP	23	Unused	Allow	Inbound	All	telnet	2025-09-25 14:38:41	--
☐	TCP	53	Used	Allow	Inbound	All	dnsmasq	2025-09-25 14:38:41	--
☐	UDP	53	Used	Allow	Inbound	All	dnsmasq	2025-09-25 14:38:41	--
☐	TCP	502	Unused	Allow	Inbound	All	rte modbus	2025-09-25 14:38:41	--
☐	TCP	1217	Used	Allow	Inbound	All	rte	2025-09-25 14:38:42	--

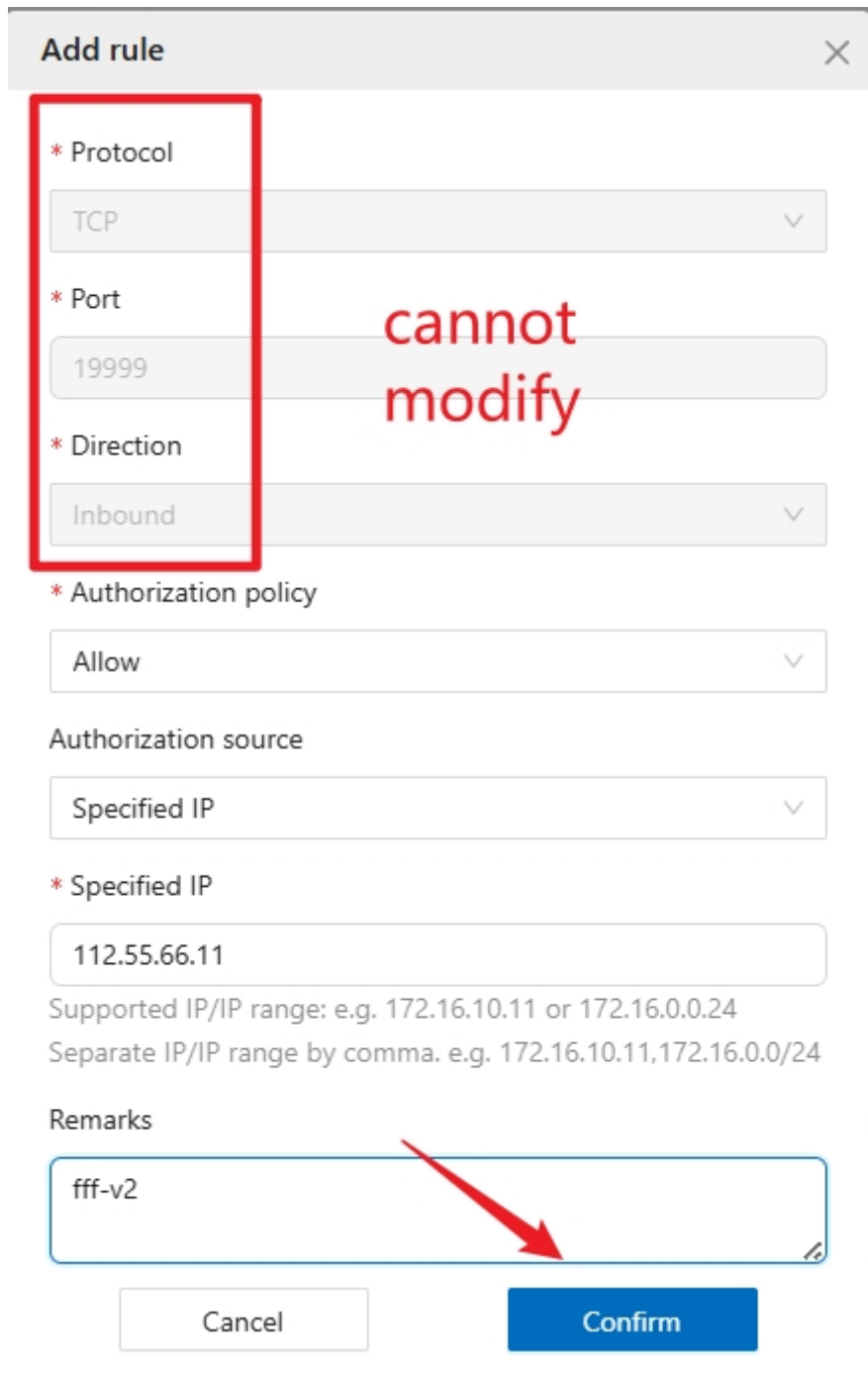
Rule editing and deletion

Click [Edit]



	Protocol	Port	Usage status	Authorization policy	Direction	Authorization source	Remarks	Modified time	Operate
☐	TCP	19999	Unused	Allow	Inbound	192.168.11.0/23	fff	2025-12-27 10:55:28	edit Delete
☐	TCP	19999	Unused	Allow	Inbound	172.16.0.0/22	fff	2025-12-27 10:55:28	edit Delete
☐	TCP	20-8888	Used	Allow	Inbound	192.168.11.0/23	局域网允许不受限制访问	2025-12-27 10:47:39	edit Delete
☐	TCP	20-8888	Used	Allow	Inbound	172.16.0.0/22	局域网允许不受限制访问	2025-12-27 10:47:39	edit Delete

Click [Confirm] to save.



Add rule [X]

* Protocol
TCP

* Port
19999

* Direction
Inbound

* Authorization policy
Allow

Authorization source
Specified IP

* Specified IP
112.55.66.11
Supported IP/IP range: e.g. 172.16.10.11 or 172.16.0.0/24
Separate IP/IP range by comma. e.g. 172.16.10.11,172.16.0.0/24

Remarks
fff-v2

Cancel Confirm

cannot modify

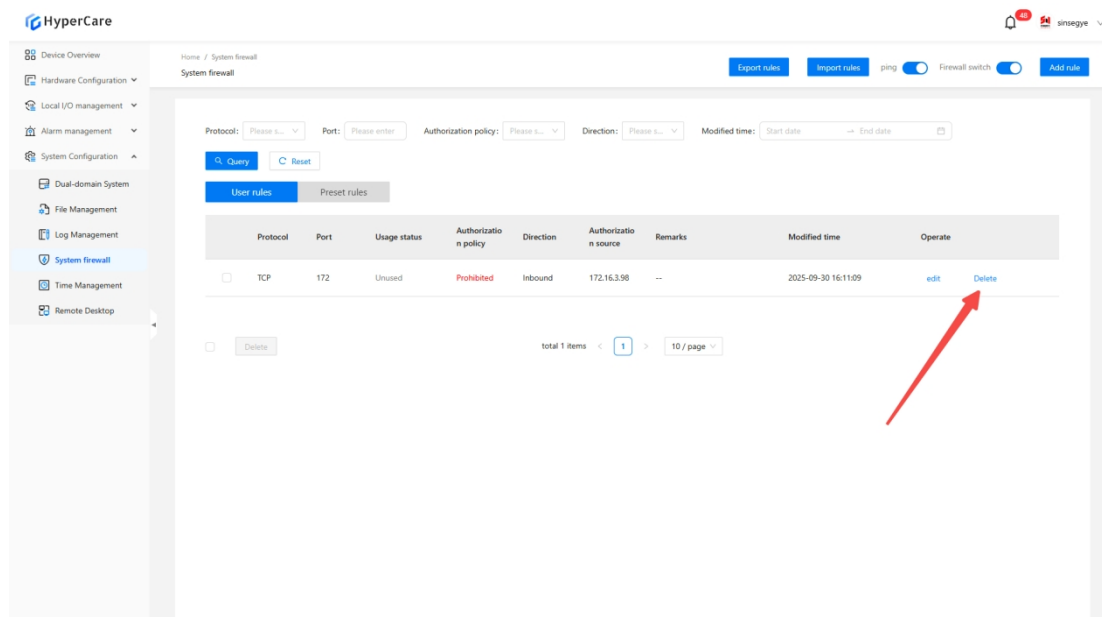
When editing rules, a secondary confirmation will appear: "Warning: This change could interrupt active business connections. Please confirm to proceed."

 **Warning: This change could interrupt active business connections. Please confirm to proceed.**

Cancel

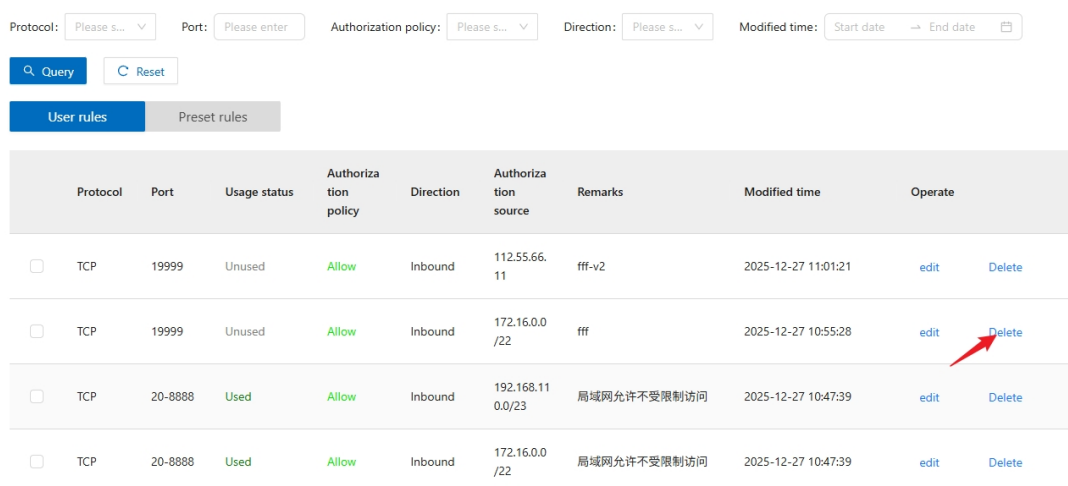
OK

Click \[Confirm].

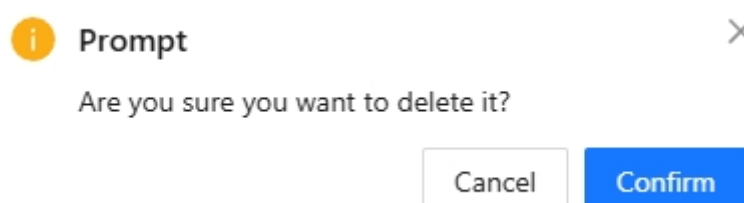


Now the rule was updated

Click \[Delete]



Click \[Confirm] to delete.



10. System Configuration

10.1 Dual-Domain System

10.1.1 Scope of Application

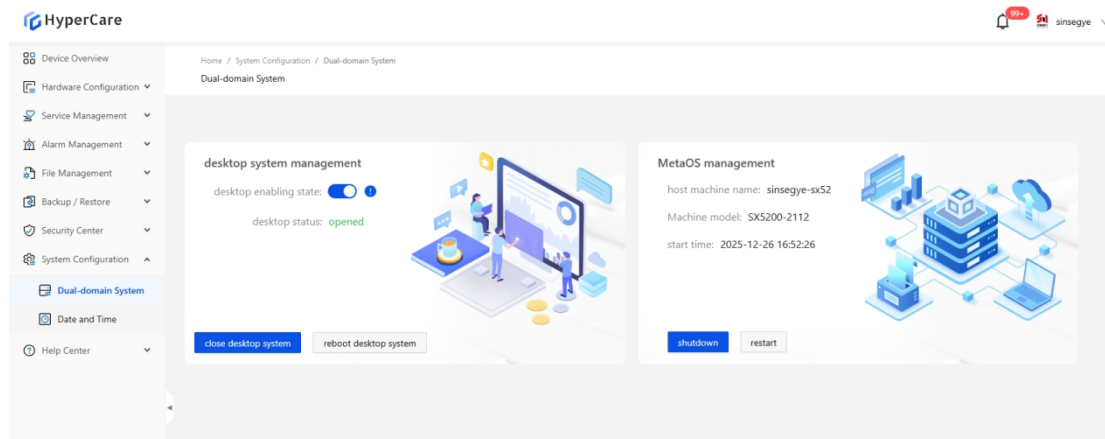
It is applicable to all adapted models.

10.1.2 Function Introduction

This function is used to manage the power-on, shutdown, and restart operations of real-time domain and non-real-time domain (desktop) systems, as well as display relevant status and information.

10.1.3 Usage Details

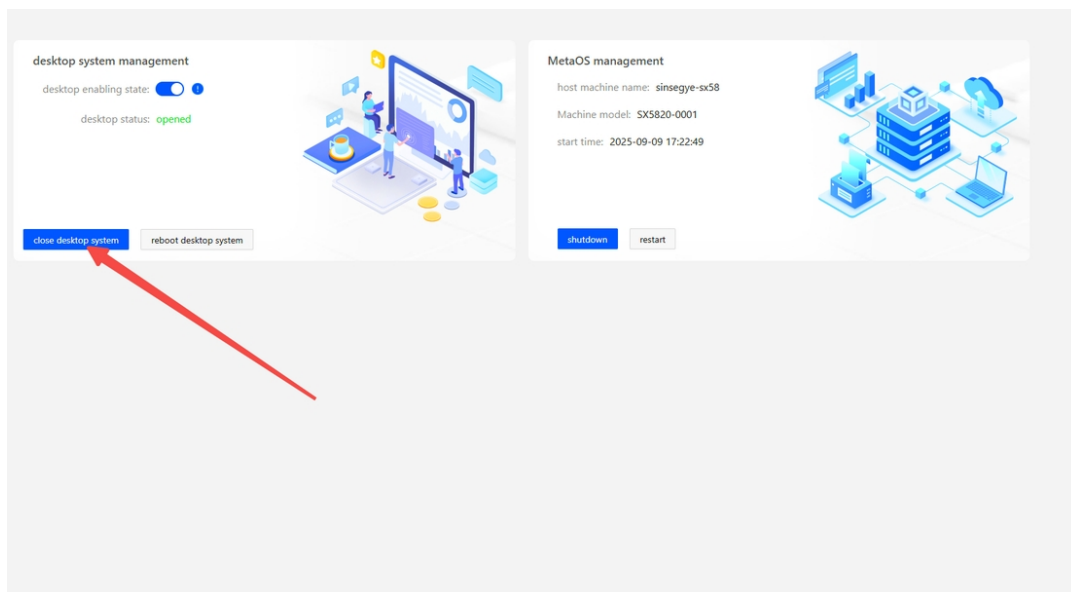
Enter the page

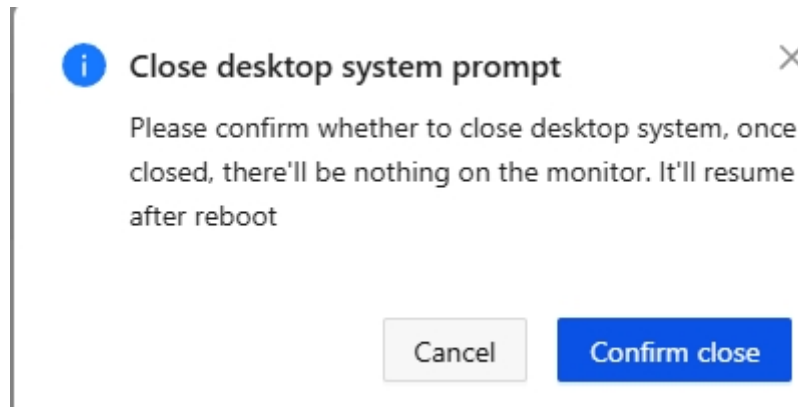


Shutdown of non-real-time domain

Clicking the [Close Desktop System] button, then a confirmation prompt will pop up.

Clicking the [Confirm Close] will close the non-real-time domain system (desktop) while keeping the real-time domain system running normally.



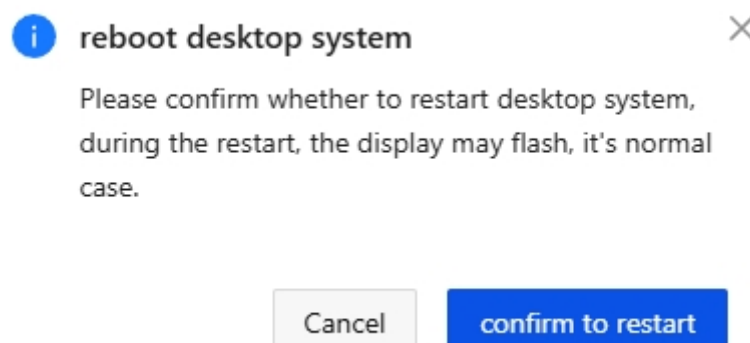
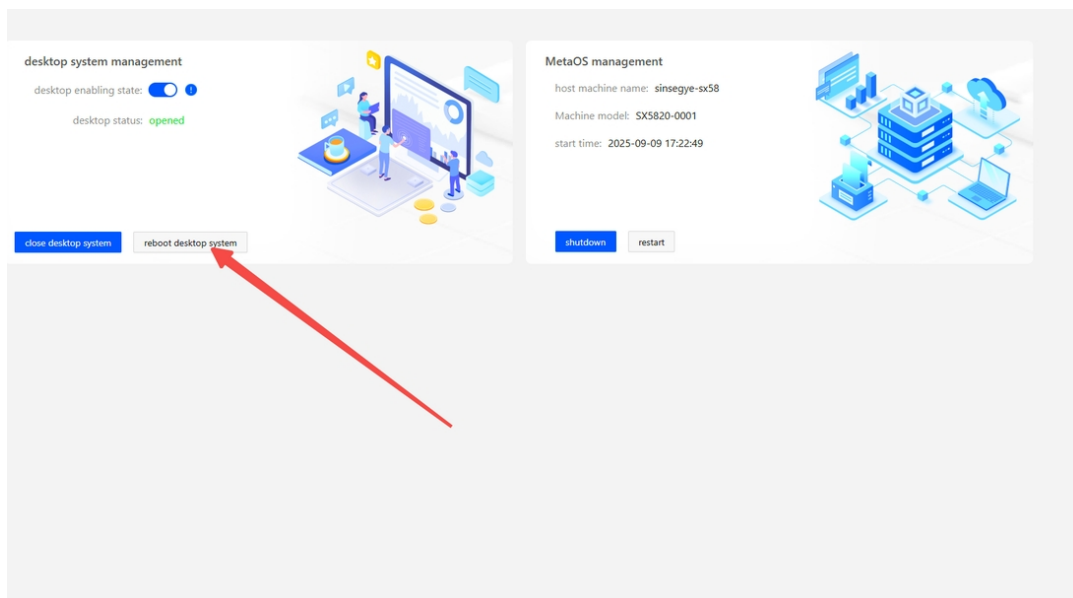


After closing, the desktop status will be updated accordingly.

Restart of non-real-time domain

After clicking the \[Restart Desktop System] button, a confirmation prompt will pop up.

Clicking \[Confirm Restart] will restart the non-real-time domain system (desktop) while keeping the real-time domain system running normally.



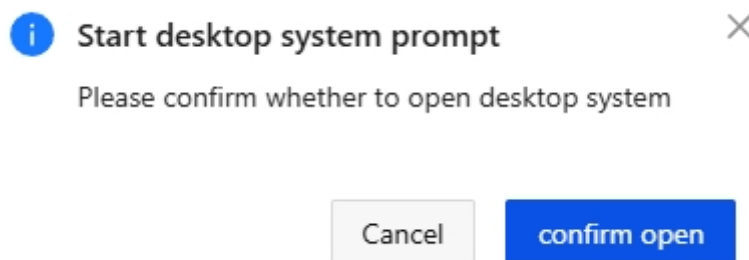
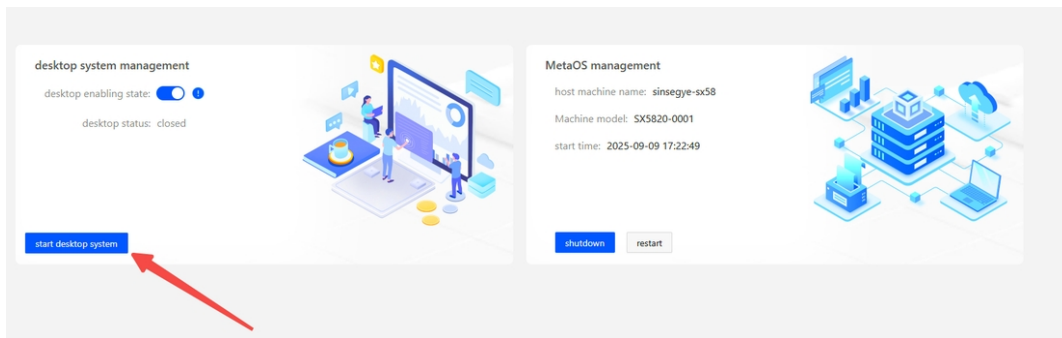
The \[Close Desktop System] operation does not preserve the state - if the iComputer is restarted, the non-real-time domain (desktop) will restart automatically.

Start non-real-time domain

When the desktop system is already shut down, clicking the \[Start Desktop System] button, a confirmation prompt will pop up.

Clicking the \[Confirm open] button will start the closed non-real-time domain system (desktop) while keeping the real-time domain system running normally.

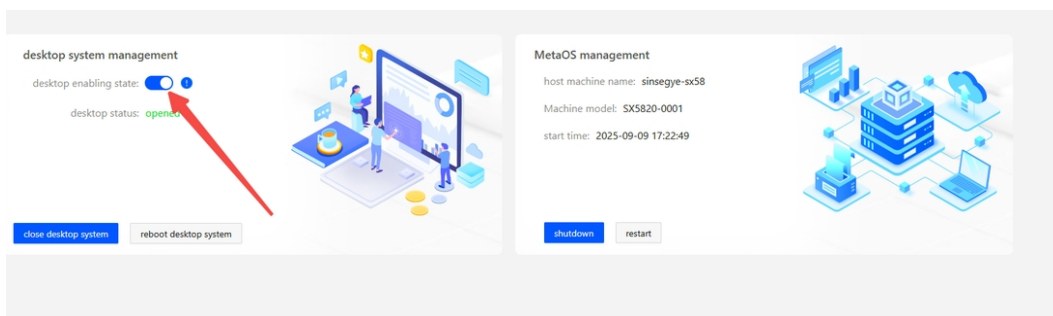
The desktop status will be updated synchronously after the desktop system starts.

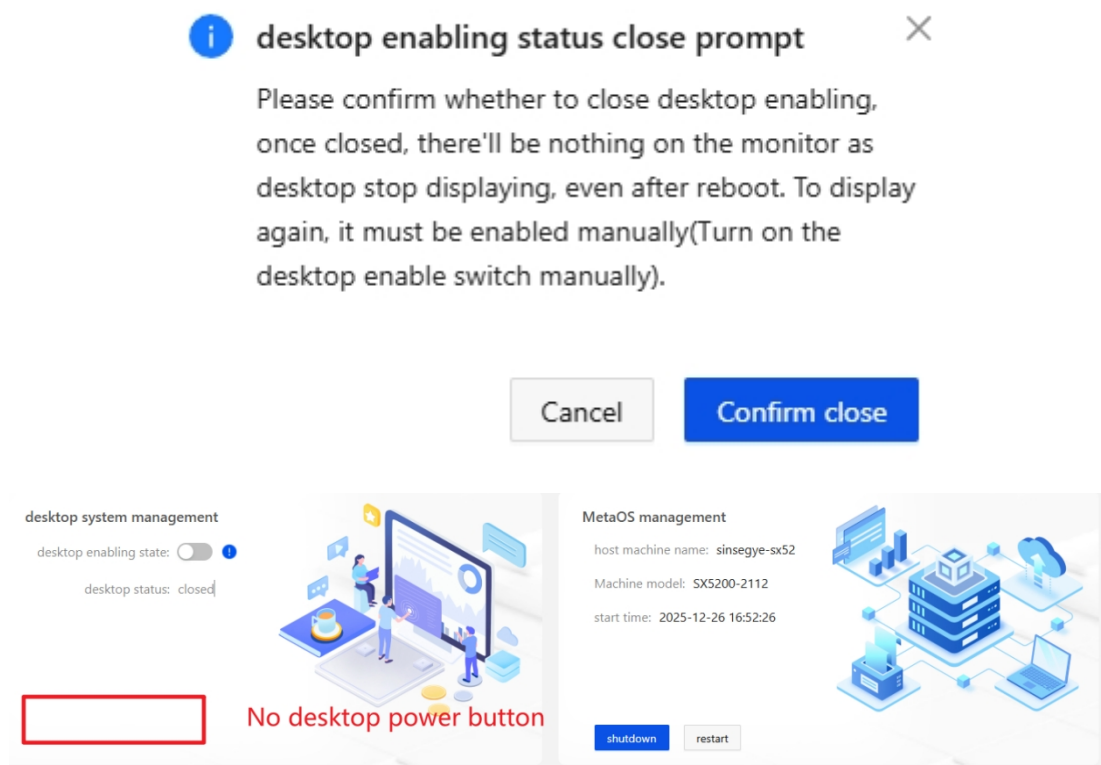


Disable non-real-time domain

After clicking the \[Desktop Enable Status] switch to perform the \[OFF] operation, a confirmation prompt will pop up.

Clicking \[Confirm OFF] will permanently disable the non-real-time domain system (desktop) until “enable” is turned on.

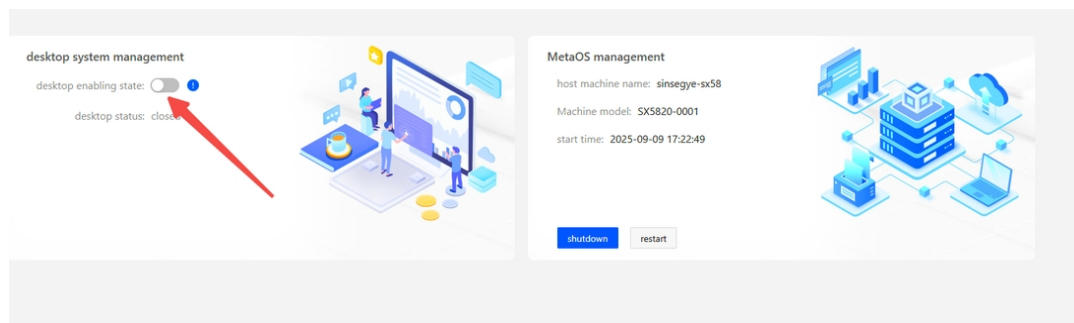




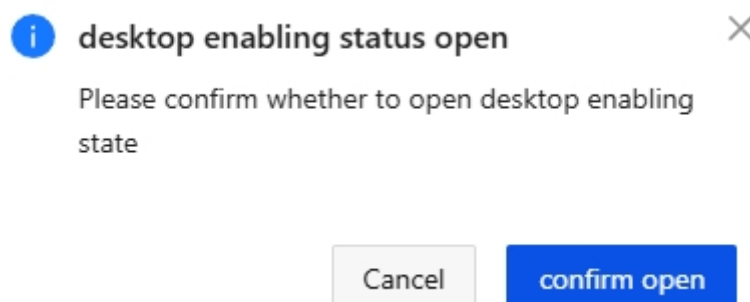
After the \[Desktop Enable] status is retained as \[OFF], if the iComputer is restarted, the non-real-time domain (desktop) will remain disabled and will not start automatically.

Enable non-real-time domain

After clicking the \[Desktop Enable] slider to perform the \[ON] operation, a confirmation prompt will pop up.



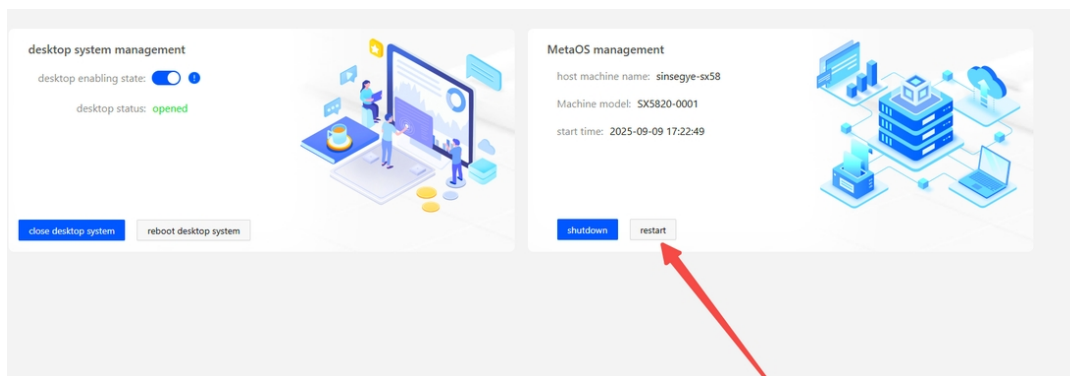
Clicking the \[Confirm ON] button will start the non-real-time domain system (desktop) and support power-on, shutdown, and restart operations.



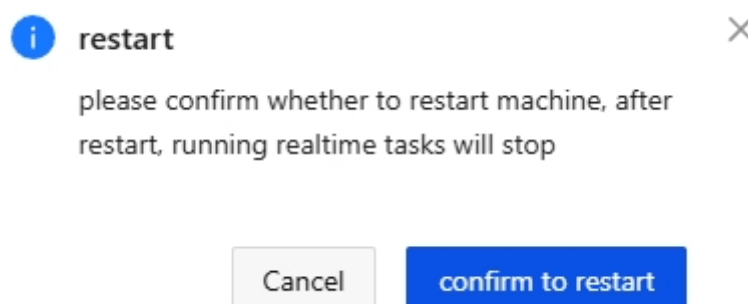
When the \[Desktop Enable] status remains \[ON], if the iComputer is restarted, the non-real-time domain system (desktop) will start normally and support power-on, shutdown, and restart operations.

Restart of real-time domain

After clicking the \[Restart] button, a confirmation prompt will pop up.

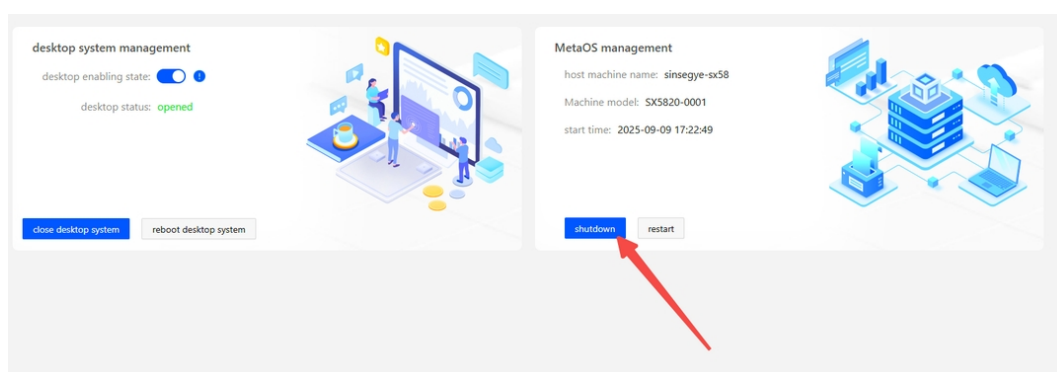


Clicking the \[Confirm Restart] button will restart the entire iComputer.

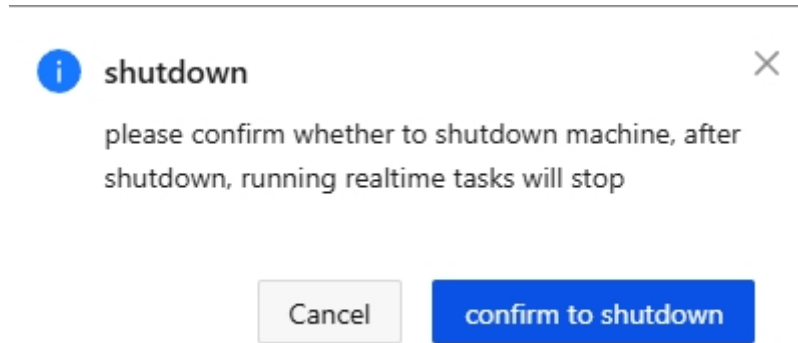


Shutdown of real-time domain

After clicking the \[Shutdown] button, a confirmation prompt will pop up.



Clicking \[Confirm Shutdown] will power off the entire iComputer.



Important notes

- Do not click on \[Network Port Configuration], \[PCIE Configuration], or \[Memory Configuration] tabs during the switching process of the non-real-time domain system.
- After the entire iComputer is restarted, the webpage will lose connection. After the iComputer fully starts, you need to manually refresh the webpage to resume normal operation.
- After clicking the button, patiently wait for the webpage to automatically refresh the desktop status, and avoid repeatedly clicking the button multiple times.

10.2 Time Management

10.2.1 Scope of Application

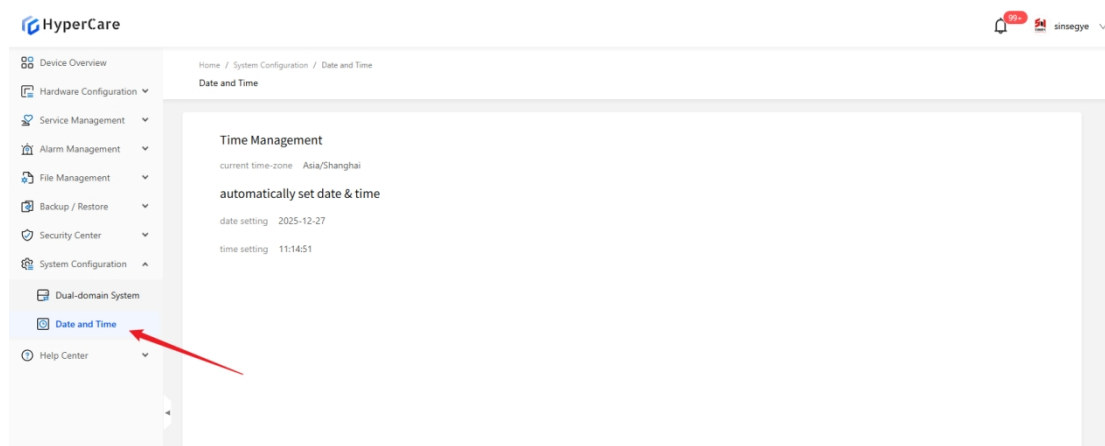
It is applicable to all adapted models.

10.2.2 Function Introduction

This function is used to modify the time zone, date, and time settings of the real-time domain system.

10.2.3 Usage Details

Enter the page



The time settings do not support automatic real-time update; you need to manually refresh the page to view the latest settings.

Automatically set date and time

After selecting the time zone, click \[Slider] to check \[Automatically Set Date and Time]

Time Management

current time-zone Asia/Shanghai

automatically set date & time ☒

time server Please enter the time server a... verification

current time 2025-12-27 11:17:34

Enter a time server address and click \[Verify].

Time Management

current time-zone Asia/Shanghai

automatically set date & time ☒

time server ntp1.aliyun.com verification

current time 2025-12-27 11:17:34

After completing the configuration modification, click \[Save] in bottom to apply the settings.

Manually modify the date and time

After selecting the time zone, click \[Slider] to close \[Automatically Set Date and Time]

Time Management

current time-zone

Asia/Shanghai



automatically set date & time



date setting

2025-12-27



time setting

11:20:37



Click the date setting dropdown menu

Click \[Today] to select the current date

Use the \[<<] or \[>>] double arrows in the dropdown menu to adjust forward/backward by year, and use the \[<] or \[>] single arrows to adjust forward/backward by month.

Time Management

current time-zone Asia/Shanghai

automatically set date & time ☐

date setting 2025-12-27

time setting

Calendar interface showing the date 2025-12-27. The calendar is for December 2025. The date 27 is highlighted in blue. Navigation arrows are visible at the top, and a 'Today' button is at the bottom.

Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Today

adjust date

choose today

save

Cancel

Click the time setting dropdown menu

Click \[Current Time] to select the current time

After selecting the time by the mouse wheel, click the \[OK] button

After completing the configuration modification, click the \[Save] button to apply the settings.

Time Management

current time-zone

Asia/Shanghai



automatically set date & time



date setting

2025-12-27



time setting

11:20:37



11	20	37
12	21	38
13	22	39
14	23	40
15	24	41
16	25	42
17	26	43
18	27	44

[Now](#)[OK](#)



select current time

[save](#)[Cancel](#)

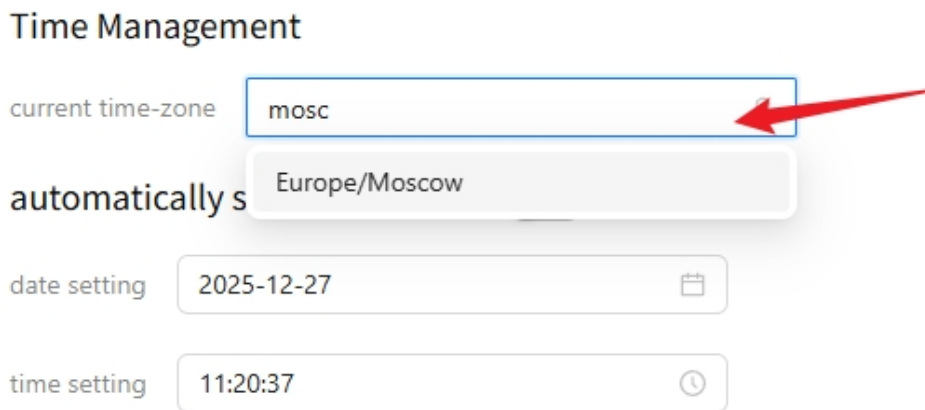
Modify the time zone

After clicking the \[Edit] button to enter the time editing interface.

Select the appropriate time zone based on your location (displayed as country/city).

You can directly scroll down to browse and select, or use input filtering to narrow down choices.

After configuration, enter the appropriate content according to the selected date and time format (refer to the preceding section), then click \[Save].



Time Management

current time-zone 

automatically s

date setting 

time setting 

Important notes

- Time does not support automatic real-time updates; you need to manually refresh the page to view the latest settings.
- Even if only partial configurations are modified, the final effective settings are determined by the time zone, date, and time displayed on the page, and the modification must be confirmed by clicking \[Save].
- Please perform the configuration modifications in a non-production environment.

11. Help Center

11.1 Documentation

11.1.1 Scope of Application

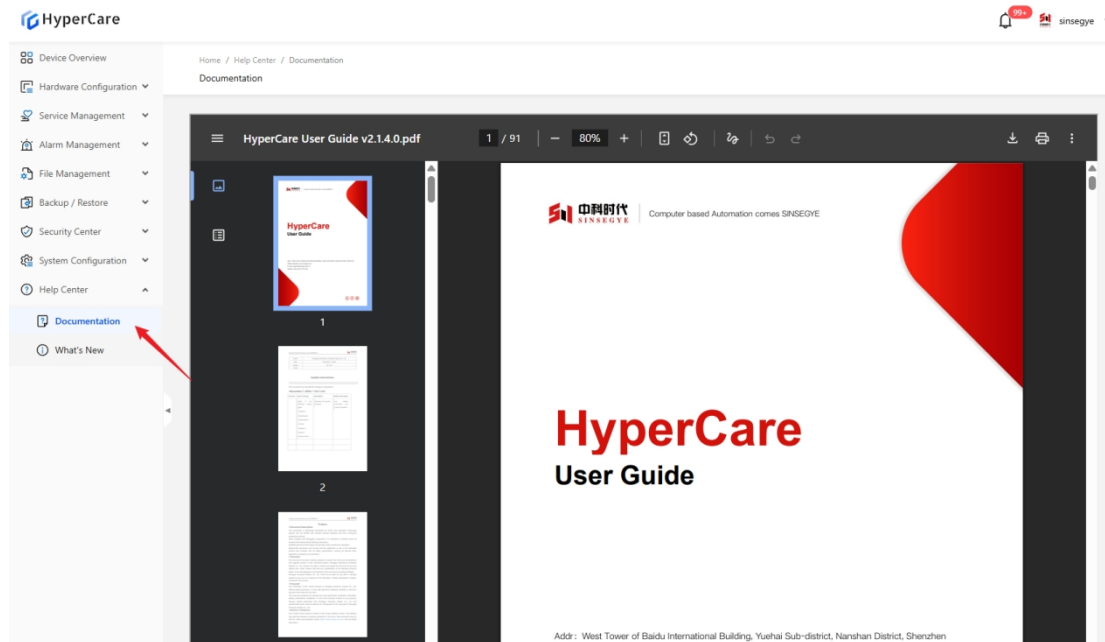
It is applicable to all adapted models.

11.1.2 Function Introduction

This feature is used for the user manual embedded within the installation package, and provides prominent links to online help documentation within the manual.

11.1.3 Usage Details

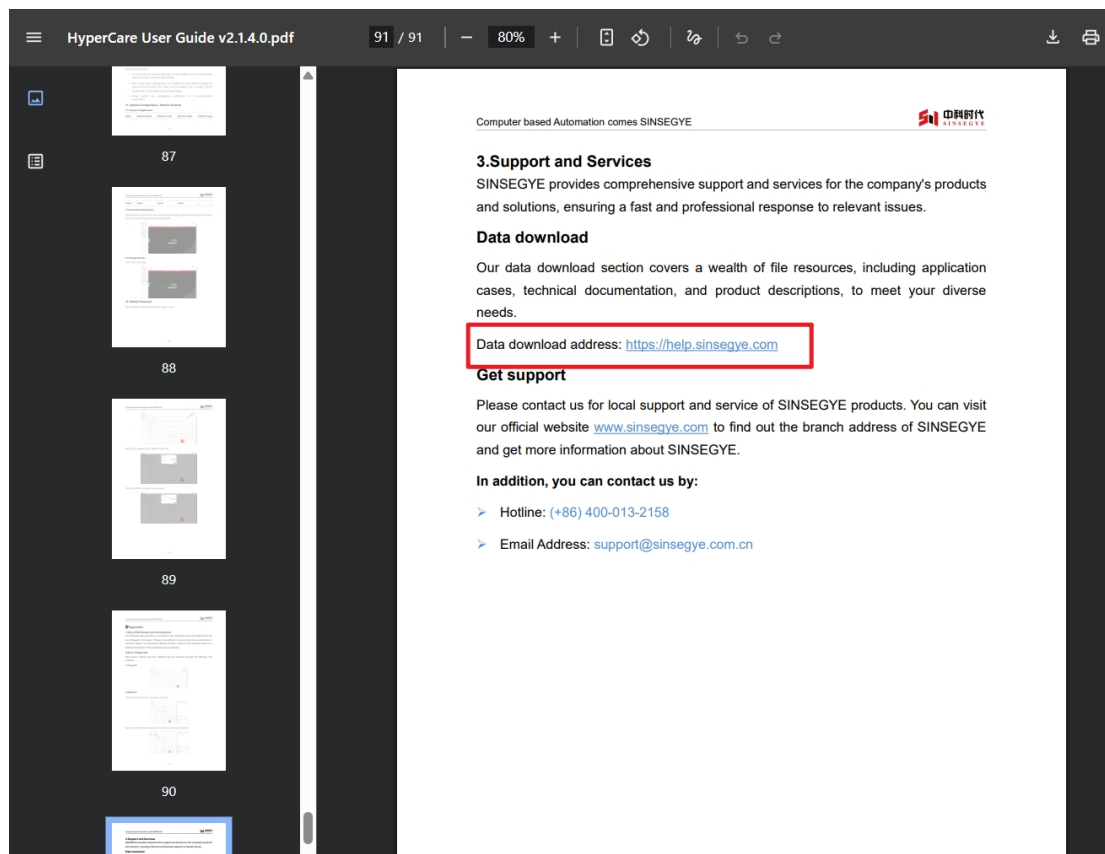
Enter the page



An embedded PDF document allows the user to browse, save, print, and perform other operations just like a regular PDF file.

On the third page of the document, there is a clear access link to the online help documentation. Select and copy it into your browser to open it directly. You can also click to open it directly.

The same link is also available on the last page of the document.



11.2 What's New

11.2.1 Scope of Application

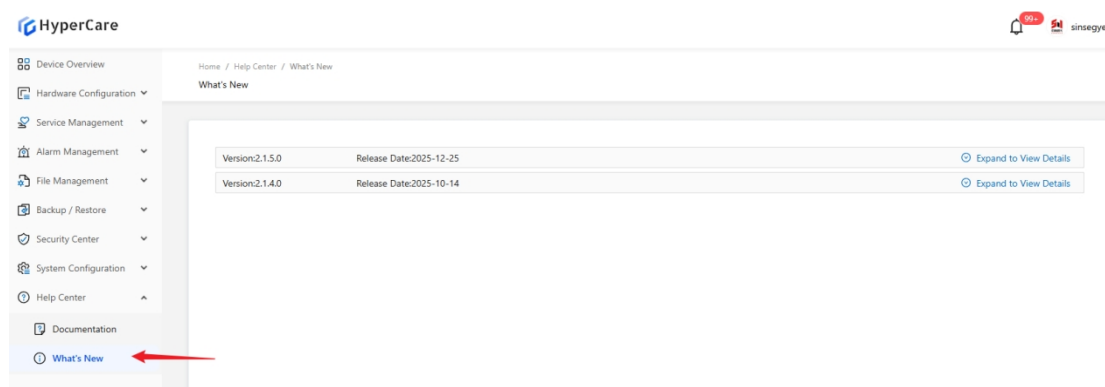
It is applicable to all adapted models.

11.2.2 Function Introduction

This function introduces the main changes in this version and several recent versions, as well as key dependency module information.

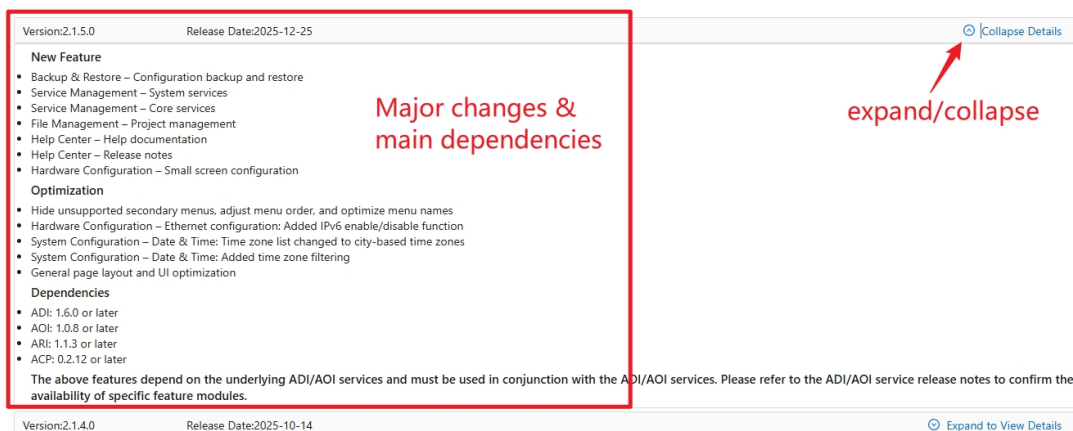
11.2.3 Usage Details

Enter the page



Unfold version notes

Click the arrow on the right side of the version to expand or collapse the version notes. When expanded, it displays a summary of version changes.



12. User Profile Dropdown

12.1 Modify Password

12.1.1 Scope of Application

It is applicable to all adapted models.

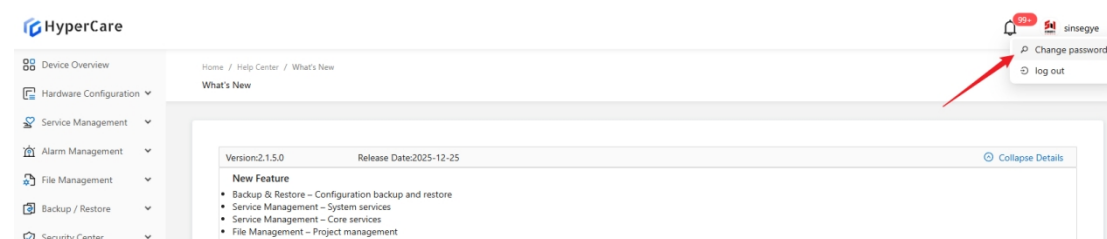
12.1.2 Function Introduction

This function is used to modify the password for the user's real-time domain. For two-layer virtualization systems, the non-real-time domain does not have a password by default and cannot be modified here.

12.1.3 Usage Details

Enter the page

Click \[Modify Password] at the right upper corner.



Enter \[Old Password] and \[New Password], then click \[Confirm] to change the password

Change password

×

* Old password:

Please enter your..

* New password:

Please enter your..

* Confirm password:

Please re-enter n..

- 8-16 characters, include
- upper/lowerCase/numbers

Cancel

OK

IV. Appendix

1 Error Diagnosis

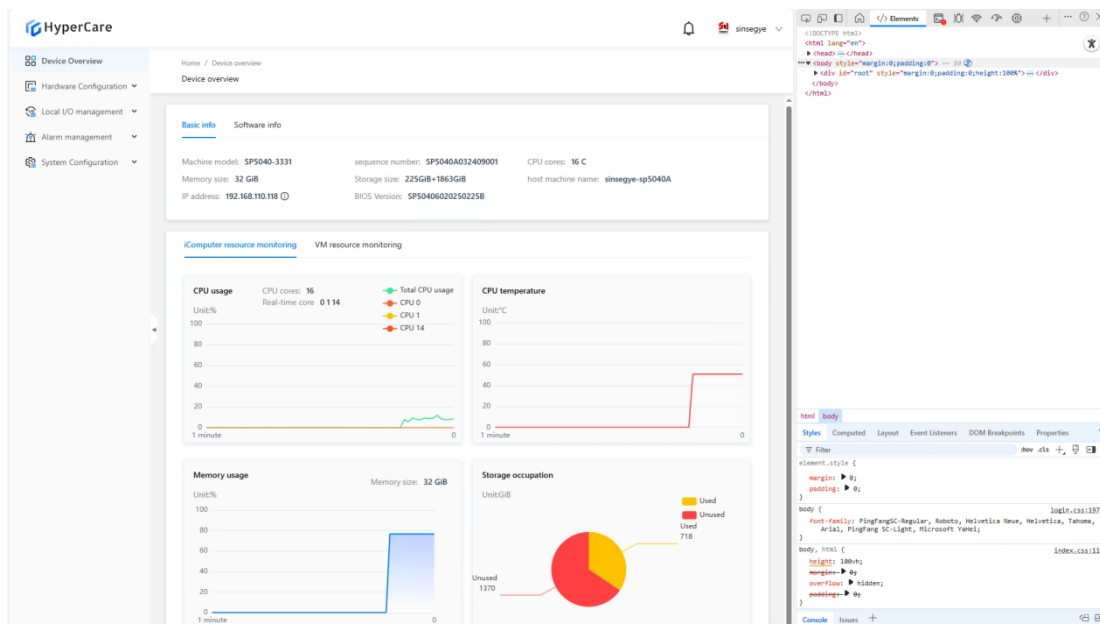
Most issues arising from the software can be resolved through the following two methods.

1.1 Log out

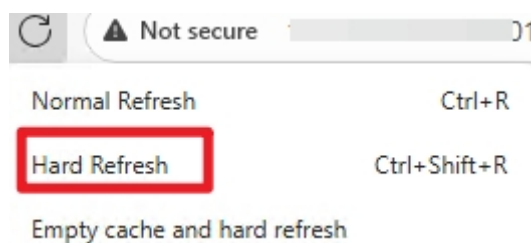


1.2 Refresh

Press \[F12] to enter the developer interface



Long press the \[Refresh] icon and then select \[Hard Refresh]



2.Error Diagnosis

Extended diagnostics may be required if undesirable operating behavior occurs.

According to specific circumstance, this may include the following actions: <Action 1>, <Action 2>, <Action n>. Details can be found in the table below:

Action	Use cases	Link

The following table provides an overview of possible unexpected operation behaviors and solutions.

3.Support and Services

SINSEGYE provides comprehensive support and services for the company's products and solutions, ensuring a fast and professional response to relevant issues.

Data download

Our data download section covers a wealth of file resources, including application cases, technical documentation, and product descriptions, to meet your diverse needs.

Data download address: <https://help.sinsegye.com>

Get support

Please contact us for local support and service of SINSEGYE products. You can visit our official website www.sinsegye.com to find out the branch address of SINSEGYE and get more information about SINSEGYE.

In addition, you can contact us by:

- Hotline: (+86) 400-013-2158
- Email Address: support@sinsegye.com.cn