

Huawei Switch Uncertified Optical Module

Article Overview

Huawei switches can operate with uncertified optical modules, but these modules may trigger alarms and pose compatibility or operational risks.

Overview of Uncertified Optical Modules

Huawei Ethernet switches perform authentication on inserted optical modules. When a module is not certified by Huawei, the switch generates alarms to indicate potential issues with compatibility or performance . Certification ensures that the optical module meets Huawei's standards for installation, signal transmission, fault tolerance, electromagnetic compatibility, and environmental performance . Uncertified modules may have non-standard sizes, defective data bus designs, or improper edge connectors, which can lead to interface damage, abnormal data bus behavior, or incorrect temperature monitoring .

Common Issues with Uncertified Modules

- Installation problems: Non-standard module sizes may prevent proper installation or block neighboring ports .
- Data bus abnormalities: Some modules have inherent defects that can disrupt data transmission .
- Hardware damage: Improper edge connector dimensions can short-circuit or damage optical interfaces .
- False alarms: Non-standard temperature monitoring may trigger incorrect system alarms

Article Content

Mar 28, 2026

Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the

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Displaying Optical Module Information

Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm whether it is a Huawei

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How To Turn Off Alarms For Third-Party Modules On Huawei Switches

By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei

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Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as

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Disabling the Alarm Function for Optical Modules That Are Not

Context If optical modules that are not certified for Huawei data center switches are used on devices, the devices will generate a

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Typical Troubleshooting Cases of Optical Module

Procedure Check whether the optical modules are Huawei-certified ones. If not, contact the supplier of the optical modules. If

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Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a

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Important Notes About Using Optical Modules Certified for Huawei ...

100GE QSFP28 Optical Modules Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify

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Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly

Oct 08, 2025

HUAWEI S Series Switch-Identify a Huawei-Certified Optical Module

HUAWEI S Series Switch-Identify a Huawei-Certified Optical Module Huawei Documentation Insights 31.9K subscribers 1

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Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical

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How To Check If Interconnected Optical Ports Cannot Go Up?

When an uncertified optical module is installed into a switch, the switch reports an alarm. When certifying an optical module, Huawei

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Important Notes About Using Optical Modules Certified for Huawei ...

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How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

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Why Are Alarms About Optical Modules That Are Not Certified for

Therefore, alarms about optical modules that are not certified for Huawei Ethernet switches are generated. You can run

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ALM-3276800044 An Optical Module Installed on the Device Is ...

Replace the optical module with a switch-supported optical module. For switch support for optical modules, see

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How Huawei CE & S Series Switches Handle Non-Certified Optical

In past projects and testing experience, it was commonly believed that Huawei CE series switches would not generate alarms when

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Optical Module Troubleshooting

The optical module installed on the optical interface is not certified for Huawei data center switches. The optical module type does

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How To Turn Off Alarms For Third-Party Modules On Huawei Switches

Huawei switches perform authentication on inserted optical modules. By default, numerous alarm messages will be

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How Can I Determine Whether an Optical Module Is Officially

The following alarm is generated when an optical module that is not certified for Huawei Ethernet switches is

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How to Identify Huawei-Certified Switch Optical Modules

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical

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Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Contact Us

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