

Are H3C switches compatible with Huawei optical modules



Article Overview

Huawei optical modules cannot be directly used on H3C switches due to authentication and encryption restrictions, but third-party compatible modules can work with proper configuration.

Compatibility Overview

H3C switches perform authentication on inserted optical modules. Original Huawei optical modules are encrypted and designed for Huawei devices, so they are not natively compatible with H3C switches. Attempting to use them directly will typically result in non-certified module alarms and the switch may not guarantee normal operation or maintenance support for these modules .

Third-Party Solutions

Third-party vendors, such as ETU-Link and Moduletek, provide compatible optical modules that can operate on H3C switches. These modules are designed to bypass authentication restrictions and maintain stable network links while being more cost-effective than brand-specific modules . When using third-party modules, H3C switches may still generate alarm messages indicating a non-H3C module, but these alarms do not prevent normal operation.

Managing Non-Certified Module Alarms...

Article Content

H3C S7500E Switch Series Cards and Transceiver Modules Compatibility ...

Home Support Switches S7500E Series Install & Upgrade Transceiver Modules H3C S7500E Switch Series Cards and Transceiver

How to Choose the Right Optical Transceiver in 2025

Learn how to select the right optical transceiver for your switch or router. Compare SFP, SFP+, QSFP28, Cisco SFPs,

How To Turn Off Alarms For Third-Party Modules On H3C Switches

When a third-party optical module is installed on an H3C switch, the module can normally link up, but port logs will

Risks of Using Non-Huawei-Certified Switch Optical Modules

Some non-Huawei-certified switch optical modules are not designed in compliance with EMC standards and have low

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

This article combines practical H3C switch security configuration commands and complete optical module matching list

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

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

Switches-H3C

Build a high-bandwidth, converged, intelligent, and trusted optical network platform. Support smooth evolution capability for the

How Do I Select Optical Modules and Fibers?

An optical module works in full-duplex mode with a pair of optical fibers, one for transmission and one for receiving, as shown in the

Troubleshooting for Optical Modules on Huawei Switch

When connecting switches through optical ports, pay attention to the following points: The optical modules used on both ends must

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

Accessories Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify Huawei-Certified Switch

Compatible Optical Transceiver Guide

Compatible Optical Transceiver Guide People who are familiar with compatible optical transceiver know that some manufacturers will

Optical Interface FAQ: Transceiver Compatibility Guidelines for

Q7: What is the optical module interoperability standard for different Huawei products? Broad interoperability between Huawei

Introduction of Optical Modules on Huawei Switches

When Huawei switches are connected to other products such as routers, comply with the preceding optical module interoperation

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, CFP2, QSFP+, QSFP28, XFP, SFP,

Optical Interface FAQ: Transceiver Compatibility Guidelines for Cisco ...

Overview & Thematic ScopeWelcome to our technical support FAQ, specifically designed to address the most critical pre-sales and

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module

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

S9700 Series Switches Hardware Description This document describes hardware components of the S9700, including the cabinet,

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

S12700 Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for

Types of Optical Modules

Wavelength division multiplexing modules differ from other optical modules in center wavelengths. A common optical module has a

Compatibility Finder | Compatible Optical Transceivers | OptiModule

Use the OptiModule Compatibility Finder to search Cisco, Juniper, Arista, Dell, Huawei and HPE compatible optical transceivers.

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

Optical Modules for Huawei S Series Switches

Are Optical Modules of Huawei Switches Interchangeable with Optical Modules of Other Manufacturers? No. Huawei switches must

What are the transmission requirements of different brands of optical ...

Devices of different brands must use optical modules of that brand or compatible with that brand, such as: Huawei

Tools-H3C

Transceiver Module Compatibility Lookup View compatibility information between transceiver modules and servers (available to H3C

Can original HUAWEI optical module be used on H3C switch?

We can provide a full range of optical module products and solutions. Our products can be fully compatible with the devices of the

Compatibility between cisco and huawei | SNBForums

We have purchased 7 units Huawei access switches, S2700-26TP-EI-AC & 1310 SFP modules from internet now we

Risks of Using Non-Huawei-Certified Switch Optical Modules

The operating temperature ranges of non-Huawei-certified switch optical modules cannot meet service requirements. When they are

Are the CloudEngine Series Switches Required to Use Optical Modules ...

The CloudEngine series switches must use optical modules that are certified for Huawei Ethernet switches. Optical or copper

Can original HUAWEI optical module be used on H3C switch?

So can original HUAWEI optical module be used on H3C switch?The answer is No. Some companies, especially some famous

Optical Fiber

AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an

Can your optical modules be compatible with Huawei S6720S

In order to alleviate customers'' concerns, we have purchased various brands of switches, including Cisco, Huawei,

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals,

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

Complete H3C Comware switch security configuration tutorial (MAC/IP/port binding),plus full optical module matching list

Types of Optical Modules

CloudEngine 8800, 7800, 6800, and 5800 Series Switches Hardware Description (Versions earlier than V200R020C00) This

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