

The optical module cannot be used with S12708



Overview

A Huawei S12708 switch experienced excessive fan spinning due to a faulty optical module. Replacing the module resolved the issue. This incident highlights the importance of proactive maintenance and monitoring. We summarized the lessons learned and proposed preventative measures to ensure network. The S12704&S12708&S12712 switches support clustering using Cluster Switching System (CSS) cards. Two types of CSS cards are available: independent CSS cards and CSS cards integrated on the panel. For details about cluster configuration precautions, see "CSS Support and Version Requirements" in the. (Video) How does Huawei PEN innovate for a green and low-carbon future (Video) [Network Encyclopedia] What is MACsec (Video) [Network Encyclopedia] What Is WebMaster (Video) [Network Encyclopedia] What Is Smart Access (Video) Wired and Wireless Convergence Feature Introduction for S Series. Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1. Check compatibility between the optical module and switch Most switch brands have specific compatibility requirements. If an optical module on an interface is faulty, you can run the display commands to view information about the optical module.

Article Content

May 02, 2026

How To Check If Interconnected Optical Ports Cannot

The optical module cannot be installed in an optical interface because the optical module structure is non-standard. The structure and size of some non-certified ...

Nov 17, 2025

Displaying Optical Module Information

Therefore, non-Huawei-certified switch optical modules are not recommended. When a non-Huawei-certified switch optical module is used, the following problems often occur: The optical module cannot

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S12704, S12708, and S12712 Clustering Using CSS Cards

S12708 switches are used as an example here. Cable connections between S12704 and S12712 switches are the same. One CSS card can only be connected to one CSS card in the other chassis.

Nov 21, 2025

ET1D2MPUDC00-S12704/S12708/S12712 Main Processing Unit D

The ET1D2MPUDC00 is the main control unit for the S12704, S12708 and S12712. It provides the control plane and management plane for the entire system and reserves a slot for clock daughter card.

Jan 15, 2026

EOM Announcement for HUAWEI S12708,S12712,S12704 Product

EOM Announcement for HUAWEI S12708,S12712,S12704 Product No.: EOM-DC-2021-10391-Global Dear Customers, To help you better cope with challenges brought by market changes

Dec 24, 2025

S12708 Switch S12708 price and specs S12700 Agile

S12708 Switch features 4.88/16.08 Tbit/s Switching Capacity 12.32/44.96 Tbit/s Packet Forwarding Rate 2 MPU Slots 4 SFU Slots 6 Service Card Slots S12708

Jul 29, 2025

Huawei S12700 Series Switches Product Brochure

S12700 Series Agile Switches HUAWEI S12700 series agile switches are designed for next-generation campus networks. Using a fully programmable switching architecture, the S12700 series allows fast,

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DS110DF111: the SFP optical port fails to be inserted

For DS110DF111, it is followed by a 10G SFP optical module, but after repeated insertion and removal, the optical module cannot be used, and the link

Aug 21, 2025

S12700 Series Agile Switches

Product Overview HUAWEI S12700 series agile switches are designed for next-generation campus networks. Using a fully programmable switching architecture, the S12700 series allows fast, flexible

Oct 08, 2025

Huawei s12700 Series Switches Datasheet PDF

Huawei S12700 Series Switches Product Datasheet f Huawei S12700 Series Switches Product Datasheet 1 Introduction HUAWEI S12700 series agile

Oct 20, 2025

Huawei Switch Fan Issue Linked to Optical Module Failure

A Huawei S12708 switch experienced excessive fan spinning due to a faulty optical module. Replacing the module resolved the issue. This incident highlights the importance of

Sep 17, 2025

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 Huawei certified one. Remove and reinstall the optical module. If ...

Sep 15, 2025

Checking the Optical Module Type

The optical module cannot be installed in an optical interface because the optical module structure is non-standard. The structure and size of some non-certified optical modules do not comply with the

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Huawei S12708 Switch Best Price

Huawei S12708 switch with 2xMPU slots, 2xCMU slots, 8xLPU slots, 4xSFU slots, 6xPower Module slots, 4xFan Module slots. HUAWEI S12700 series agile

May 01, 2026

01-11 SWITCH CLUSTER SETUP GUIDE

When removing a copper cable, optical module, or optical fiber, push its connector or handle slightly and then pull it out. Ensure that the bend radius of the copper cables or optical fibers is greater than the

Mar 19, 2026

Displaying Device Information

Run the display device slot slot-id command to view LPU information. The Port Type field indicates the port type, in which F indicates an optical port and C indicates an electrical port. <HUAWEI> display

Jul 01, 2025

Troubleshooting for Optical Modules on Huawei Switch

When this optical module uses OM3 multimode optical fibers, its transmission distance is 0.3 km. The optical modules used on both ends must have the same

Nov 28, 2025

Huawei S7700, S8700, S9700, S12700 and S16700 Switches Support

S7700& S8700& S9700& S12700& S16700 Series S12708: Access product manuals, HedEx documents, product images and visio stencils.

Jul 08, 2025

Typical CSS Configuration of Modular Switches

S12700 and S12700E Series Agile Switches Typical Configuration Examples This document provides typical configuration examples for interoperation between Huawei switches and mainstream IP

Jul 07, 2025

Interconnection Between 10GE Interfaces of S12708 and S5700

Interconnection test between the equipment room and a different floor (optical distribution frames used, less than 150 m of distance): An S5700 switch cannot communicate with another S5700 switch or the

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S12700 Series Agile Switches

S12700 Series Agile Switches S12700 series is available in two models: S12708 and S12712.

Apr 24, 2026

S12704 Switch S12704 price and specs S12700 Agile

Huawei S12704 Switch uses a fully-programmable architecture that adapts to the changing forwarding processes driven by protocol evolution and technology

Jun 23, 2026

Common Problems And Solutions When Using Optical

As a more sensitive optical device, optical modules sometimes have some problems during use. Below, Telecomate will list some common problems and

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ET1D2SFUD000-S12708/S12712 Switch Fabric Unit D

Switching module: functions as the data plane and provides high-speed service channels for service switching. Local clock module: provides the working clock for the chips of the switching module,

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S12700 and S12700E Series Agile Switches Hardware Installation and ...

S12700 Series The S12700 series is available in S12704, S12708, S12710, and S12712. Figure 2-1 shows these chassis models.

Nov 01, 2025

Case Study: A Switch Cannot Display Any Optical Module Information

Unplug and plug an optical module (if permitted), and check whether the optical module information can be displayed. If the problem persists, reboot or power off the switch (if permitted).

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Installing an S12708, S12710, and S12700E-8 Chassis

The methods for installing the S12708, S12710, and S12700E-8 chassis are the same. This section uses S12708 as an example to describe the installation procedure. This section describes how to install an

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FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the

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S12700 Series Agile Switches Quick Installation Guide

S12710 mounting hole 2 installed in the same way, and S12708 is used as an example here. For more information, precautions on the equipment and in this document.

Nov 29, 2025

ET1D2X08SX5H-8-Port 10GBASE-X Interface Card (X5H, SFP+)

Table 7-329 Optical port attributes (GE optical module) ... Table 7-330 Optical port attributes (10GE optical module, high-speed cable or SFP+ optical cable) ... Table 7-331 Optical port attributes

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Checking the Optical Module Type

The optical module register is set incorrectly. Consequently, parameters and diagnostic information cannot be read or incorrectly read. The A0 registers of some non-certified optical modules are set

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Displaying Optical Module Information

Non-certified optical or copper modules cannot ensure transmission reliability and may affect service stability. Huawei is not liable for any problem caused by the use of non-certified optical or copper

Feb 10, 2026

S12700 Series Agile Switches

The S12700 uses a series of link detection and protection switching technologies, such as hardware Eth-OAM, BFD, G.8032, and Smart Ethernet Protection (SEP), to realize end-to-end protection switching.

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Optical Module Application: Common Problems & Troubleshooting

First verify that the module is compatible with your switch. You can confirm proper recognition by reading port identification information via switch commands. Example: After installing

Contact Us

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