

Can Huawei s Oft use Huijue s optical modules

Article Overview

Huawei switches must use Huawei-certified optical modules; non-certified modules, including Huijue, may not be compatible and can affect service stability.

Compatibility Requirements

Huawei explicitly requires that all optical modules installed on their switches be Huawei-certified. Non-certified modules, such as those from Huijue or other third-party vendors, cannot guarantee transmission reliability and may cause service instability. Huawei does not take responsibility for any issues arising from the use of non-certified modules and will not provide support or fixes for such problems (Huawei documentation, 2026) .

Risks of Using Non-Certified Modules

- o Transmission reliability issues: Non-certified modules may not meet Huawei's interoperability standards, leading to unexpected network failures.
- o Service stability problems: Using incompatible modules can trigger alarms or degrade network performance.
- o Lack of support: Huawei will not troubleshoot or repair problems caused by non-certified modules.

Verification and Certification

To ensure compatibility, Huawei provides methods to identify certified optical modules:

- o Label Check: Certified modules have "HUAWEI" printed on the label.
- o Command Verification: Using the display transceiver or display elabel commands on the switch can confirm the module's vendor name, manufacturing date, and certification status. Modules manufactured after July 1, 2013, for 10GE or lower, or after January 1, 2016, for 40GE/100GE, should display Huawei certification in these outputs (Huawei documentation, 2026) .

Practical Advice

If Huijue modules are not Huawei-certified, they may work in some cases, but their use is not recommended due to potential network instability and lack of official support. For critical deployments, it is strongly advised to purchase Huawei-certified optical modules or contact Huawei technical support to verify certification before installation. In summary, while Huijue optical modules might physically fit Huawei switches, only Huawei-certified modules are officially supported to ensure reliable operation and maintain warranty and support coverage.

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This document provides an overall hardware description of XH series switches CloudEngine XH16800-8 and CloudEngine XH16800

Q1: Can I use third-party optical modules in Huawei OSN equipment? Yes, physically they can often be inserted, but Huawei strongly

Important Notes About Using Optical Modules Certified for Huawei Switches Understanding Optical Modules What Is

Understanding naming conventions of an optical module help you obtain all information contained in the optical module"s name. This

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra

Optical Modules in Intelligent Computing Scenarios In the AI era, Huawei provides a full range of GE to 800GE optical modules,

What Is an Optical Module Types of Optical Modules Parameter Description How to View Optical Module Parameters Rules for

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode

Huijue Huawei optical module compatibility When using switches, we may encounter many confusions, such as what types of optical

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

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the

Pluggable Modules Specifications Appendix Understanding Optical Modules Optical Module Appearance and Structure Types of

If an optical module is installed in a running device, you can run the display transceiver command to view parameters of the optical

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100GE QSFP28 Optical Modules Understanding Optical Modules What Is an Optical Module Types of Optical Modules Parameter

This document explains optical modules, their types, and applications, providing a comprehensive understanding of their functionality

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch

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