

Huijue Equipment uses Huawei optical modules



AI Overview

Huawei devices primarily use Huawei-branded optical modules, such as the StarryLink series, and there is no official confirmation that Huijue optical modules are used. Huawei Optical Modules Huawei provides a wide range of optical modules for networking and AI computing scenarios, covering speeds from GE to 800GE. These modules are designed to deliver a "3S" network experience: Spanning (ultra-long transmission), Stable (high reliability), and Secure (enhanced security), ensuring resilient data center interconnectivity and high-speed connections for AI workloads. The StarryLink optical module series, launched globally in 2025, is Huawei's flagship brand for high-performance optical interconnects, compatible with various NICs and switches. Compatibility Considerations Huawei devices, including switches like the S5700/S5720 series, require optical modules that match the interface type, transmission rate, and fiber type. Using incompatible modules can result in connection failures or reduced performance. Huawei provides detailed guidance for module selection, emphasizing that single-mode and multi-mode fibers and modules should not be mixed, and that the module's data rate must match the port's capability. Third-Party Modules While some third-party optical modules may physically fit Huawei devices, Huawei does not officially list Huijue optical modules as supported. Using non-Huawei modules may work in some cases but can lead to limited diagnostics, reduced reliability, or unsupported operation. Huawei's own modules, such as StarryLink, undergo rigorous quality control and end-to-end R&D to ensure long-term stability and optimal performance in large-scale AI clusters. Conclusion Huawei devices are designed to work best with Huawei-branded optical modules, particularly the StarryLink series, which are optimized for high-speed, reli...

Article Content

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode fibers because of modal dispersion, but their costs are also lower.

Optical Transmission

Application Scenarios Industry Optical Communication Network Huawei's Industry Optical Communication Network uses the latest fgOTN and OSU hard pipe

Types of Optical Modules

Optical modules are encapsulated in different modes to provide different structures. Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP,

Installing Optical Transceivers and Connecting Optical Fibers

Installing Optical Transceivers and Connecting Optical Fibers This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience with "3S" quality (Spanning, Stable, Secure). This launch took place

Guide to Using Optical Modules

ESD prevention: Optical modules are active optical/electrical components and are extremely sensitive to ESD. Therefore, take strict measures to protect against ESD when operating optical modules.

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rates Currently, the transmission rates of optical modules cover a wide range.

Where are the optical modules in the Huijue switch

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

What Is StarryLink Optical Module? Why Do We Need It?

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra-long-distance transmission, exceptional reliability, and enhanced security,

Energy Storage Equipment, Energy storage solutions, Lithium battery ...

The Huijue Group's Optical-storage-charging application scenario is a typical application of microgrid energy storage. The core consists of three parts - photovoltaic power generation, energy storage

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, appearance and structure, key performance counters, common types,

Hai'an Huijue Network Communication Equipment Co.,

Hai'an Huijue Network Communication Equipment Co., Ltd. Products:Optical Splitter,Fiber Patch Cord,MPO,Optical Distribution Cabinet,Fiber Splice Closure

Shanghai Huijue Network Communication Equipment Co., Ltd.

Established in 2001, Shanghai Huijue Network Communication Equipment Co., Ltd (HJ Network for short) is the leading manufacturer and solution provider for telecom and communication products.

Huijue Huawei optical module compatibility

Huijue Huawei optical module compatibility When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of Huawei switches, and how

Huawei Launches Four Innovative Optical Infrastructure

At HUAWEI CONNECT 2021, Huawei launched four innovative optical infrastructure products, which are set to accelerate digital transformation

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface

Huijue Optical Module Single Fiber

In optical modules, “core” refers to the light-transmitting channel in the fiber. A 1-core module uses a single fiber core for data transmission, while a 2-core module uses two cores. Huijue Optical Fiber

Huijue Optical Module Original

Sailing Poland Optoelectronic Systems (SPO) supplies fiber optic infrastructure: optical transceivers, PLC splitters, ODF racks, patch cords, FTTH cabling, optical switches, and 5G fronthaul solutions for

Huawei Unveils StarryLink Optical Modules That Deliver

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the StarryLink optical modules, designed to

Huijue Fiber Optic Transceiver Corresponding Optical Module

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types, and naming conventions of optical modules, causes of

Huijue Huawei optical module compatibility

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable.

Huijue Switch Display Optical Module

Huawei switches must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and may affect service stability.

Understanding Optical Modules

Understanding Optical Modules Optical Module Appearance and Structure Types of Optical Modules Optical Module Terms Rules for Optical Module Interoperation

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all types of interfaces.

Shanghai Huijue Technologies Group Co., Ltd.

Shanghai Huijue Technologies Group Co., Ltd. (Huijue Group) is a leading high-tech manufacturer and solution provider established in 2002, specializing in

Optical Transmission

Huawei OptiXtrans DC908 series is a leading intelligent Data Center Interconnect (DCI) product. It provides high scalability to meet the surging capacity demand in

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