

Huawei Enterprise Switch Optical Module



Overview

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios, delivering customers an ultra-reliable, long-distance, and highly secure data center network interconnection experience. With the surge in AI development, AI training clusters have evolved to a scale of 10,000+ GPUs, resulting in a significant increase in the number of optical modules required. For instance, the 1000-GPU cluster needed for training GPT-3 requires interconnections using 2500 200G or 4000 400G optical. Within the fast-paced world of industrial networking, the S5735-L48P4X-A Huawei switch provides a "simplified" yet powerful architecture designed to meet the rigorous demands of 48-port PoE+ connectivity. Part of the CloudEngine S5735-L series, this model integrates 48 fixed 10/100/1000Base-T. HUAWEI TECHNOLOGIES CO. Copyright © Huawei Technologies Co. The purchased products, services and features are stipulated by the contract made between. In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable (ultra-high reliability), and Secure (ultra-solid security). Together, they ensure resilient data center interconnectivity and empower. Are Attenuators Required in the Case of Short-Distance Connection Using Single-Mode Optical Modules?

Why an Interface Does Not Enter the linkdown State When Its Receiving Power Reaches the Lower Threshold?

Does a Port Frequently Alternate Between Up and Down States When a Non-Huawei-Certified. This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions. Huawei S5720-32P-EI-AC Switch II.

Article Content

Feb 14, 2026

NSComm100G Optical Transceiver Modules: A Practical Guide

Most 100 G Ethernet optics you'll encounter in data centers and enterprise backbones use this housing. In short: if you want a 100 Gbps Module that “just works” across mainstream switches,

May 24, 2026

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

Sep 03, 2025

Huawei Enterprise IT Products | Scalable Business Solutions

Huawei is a global technology leader known for its innovation in networking, cloud computing, and enterprise infrastructure. Its product portfolio includes advanced routers, switches, storage systems,

Nov 25, 2025

Huawei S6720S-26Q-EI-24S-AC: High-Density 10GbE and 40GbE Switching ...

The Huawei S6720S-26Q-EI-24S-AC network switch bundle represents a cornerstone for modern high-bandwidth enterprise environments, offering a robust blend of 24 10-Gigabit SFP+ ports

Apr 25, 2026

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

Custom 40G QSFP+, 50G QSFP28 & 50G SFP56 Solutions (Enterprise Core & 5G Fronthaul) Upgrading enterprise core networks and deploying next-generation 5G cell sites requires rock-solid

Jan 16, 2026

Huawei Recognized as a Leader in the 2025 Gartner®

Additionally, the iReliable three-level reliability technology and optical module channel loss resistance ensure zero service interruptions. AI NEs:

Apr 18, 2026

Huawei Enterprise Switch | Hongtelecom

SFP-10G-iLR 02311BJJ Huawei CloudEngine S8700-4 Optischer Transceiver,SFP+,10G,Singlemode-Modul (1310nm,1.4km,LC) \$306.00 Mehr lesen

Jul 14, 2025

Optical Module Solutions for Huawei S5700/S5720 Series Switches

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 to resolve issues encountered

Oct 06, 2025

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,

Aug 21, 2025

Optical Modules for Huawei S Series Switches

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use

Oct 24, 2025

Huawei Unveils StarryLink Optical Modules That Deliver

To address these challenges, Huawei's StarryLink optical modules deliver a high-quality network experience with three key capabilities: Spanning:

Mar 18, 2026

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

Jan 05, 2026

Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

Discover the details of Empowering Enterprise Connectivity: An In-Depth Look at the Huawei S5735-L48P4X-A Switch at LonRise Equipment Co. Ltd., a leading supplier in China for

Jun 26, 2026

SFP+ Module Growth Opportunities and Market Forecast 2026-2034:

The SFP+ Module market is projected to reach \$5.35 billion by 2034, driven by Ethernet Switches & Routers. Analyze 14% CAGR and key growth opportunities.

Jul 29, 2025

QSFP-DD-400G-SR4 Optical Transceiver 1. Summary

The Huawei QSFP-DD-400G-SR4 optical transceiver module represents a critical leap forward in short-range network solutions, delivering unprecedented bandwidth over multi-mode fiber

Nov 19, 2025

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 modules cannot ensure transmission reliability and may affect service

Oct 29, 2025

The Ultimate Guide to SFP Modules (2026): Types,

What is an SFP? SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers,

Aug 17, 2025

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

Feb 04, 2026

Compatibility Analysis of Optical Modules: Covering Global

To ensure seamless connection between optical modules and devices, ETU-Link has invested a lot of resources to build a multi-brand switch verification laboratory. The testing process

Aug 15, 2025

Introduction of Optical Modules on Huawei Switches

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

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IdeaHub Board 2 | Education Display | Huawei Enterprise

HUAWEI IdeaHub Board 2 education display integrates teaching hardware and a software ecosystem to provide a one-stop smart classroom solution. Discover it.

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StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios, delivering customers an ultra-reliable, long-distance, and highly secure

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Optical Modules in Intelligent Computing Scenarios

Optical Modules in Intelligent Computing Scenarios In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable

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Huawei enterprise switches

Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical

Aug 12, 2025

Price QSFP28 optical module 10G online manufacture

enterprise network switch N9K C93180YC FX3 ethernet switches with optical module transceiver The Cisco Nexus 93180YC-FX3H, 93108TC-FX3H, 93180YC-FX-24, 93108TC-FX-24, 93180YC-EX-24,

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