

Huawei Optical Module OEM



AI Overview

Yes, Huawei manufactures its own OEM optical modules, including proprietary StarryLink modules, through in-house R&D and production. Huawei is a full-scale manufacturer of optical modules, producing devices that convert electrical signals into optical signals for fiber-optic transmission. These modules are designed for high-speed, reliable, and scalable connectivity in data centers, carrier networks, and enterprise environments, supporting interfaces from GE to 800GE. Huawei's optical modules, such as the StarryLink series, are developed through rigorous end-to-end R&D and quality control, ensuring long-term stability, ultra-long transmission, high reliability, and enhanced security. Huawei integrates both optical chip and module design, allowing vertical integration that improves performance, reduces power consumption, and enhances supply chain security. The company manufactures a wide range of pluggable optical modules, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD, all produced in-house in Shenzhen. These modules are compatible with various switches, routers, and network interface cards, providing flexible plug-and-play options for enterprise and carrier networks. In summary, Huawei's OEM optical modules are genuine Huawei products, designed and manufactured by Huawei itself, not outsourced to third-party vendors, ensuring quality, reliability, and compatibility across its networking equipment.



Article Content

Huawei 40G QSFP Switch Guide: CE6800 & CE12800 Specs

Compare Huawei CloudEngine 40G switches (CE6800, CE12800), QSFP+ module compatibility (SR4/LR4), and deployment guidance for AI-ready Ethernet fabrics.

How To View Optical Transceiver Information On Huawei Switches

Optical modules are commonly used in switches, network cards, routers and other communications equipment, in the process of using the optical module information can be read to

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

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

Oem Sfp-10g-ilr (02311bjj) Huawei Compatible 1310nm,1.4km,lc Sm

Optical Transceiver,SFP+,9.8G,Single-mode Module 1310nm,1.4km,LC. Table 1 shows the quick specification. Figure 1 shows the appearance. Do you have any question about the SFP-10G-iLR

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these 10 Gbit/s SFP+ optical modules can be

Optical Module Installation and Replacement

Using other optical modules may affect service stability and Huawei can accept no liability for the outcome. Ensure that the new optical module has the same center wavelength and complies with the

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

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

Huawei Cables And Huawei Sfp Optic Transceivers Modules New And ...

Hi-Network supplies Cables and Huawei SFP optic transceivers modules for all series of Huawei routers, Huawei Switches, Huawei servers, and Huawei OLT. All Huawei cables and SFP optic modules are

Optical Module Troubleshooting

Interfaces that use optical modules that are not certified for Huawei data center switches may be unable to go Up. If an optical module that is not certified for Huawei data center switches is

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and

Kompatible OEM-Transceiver für Huawei Geräte

In dieser Kategorie finden Sie verschiedene 100-Megabit und Gigabit Ethernet SFP-Module, 10-Gigabit SFP+ Module und XFP Module, die zu Geräten des

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

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

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,

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.

Huawei RRU SFP

Huawei RRU SFP module, optical transmission device, low price around \$7, minimum order of 1 unit. Suitable for wholesale, available in bulk, wireless infrastructure equipment.

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,

Tracking the Coherent DSP Supply Chain

In the past, when coherent optics were reserved for long haul routes and high-capacity metros, the vertically integrated vendors who controlled their own DSPs (e.g., Ciena, Huawei,

Compatible OEM transceivers for Huawei devices

Huawei recommends certain Finisar modules for their equipment. We can offer SFP, SFP+ and XFP modules for multi-mode fiber with 850nm and for single-mode fiber with 1310nm. Additionally, we

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 (ultra-high reliability), and Secure (ultra-solid

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON & 50G-PON broadband access networks.

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and

Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

Original SFP Huawei GPON-OLT-CLASS-C+/C

We provide original new Huawei Routers,Switches,Firewalls,Wireless APs & controllers,OLTs,GPON modems,optical transceivers.Our company have more

Datasheet Archive: HUAWEI OPTICAL MODULE DIRECT SALES

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Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module quality. The functions include the installation and removal, transmit and

Contact Us

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