

Huawei Optical Module Model Description



Overview

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). Optical module is an optoelectronic device that performs optical-to-electrical and electro-optical conversion. Common optical modules include SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, QSFP112. is a telecommunications network solutions provider. Huawei's main business scope is switching. When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information Video Identify a Huawei-Certified Optical Module Run the display transceiver [interface interface-type interface-number | slot slot-id] [verbose]. An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and receive optical power. SFP+: small form-factor pluggable plus, SFP with a higher rate. Copyright © Huawei Technologies Co. All other trademarks and trade names mentioned in this document are the property of their respective holders.



Article Content

Apr 18, 2026

Huawei CX916 SWITCH MODULE Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

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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

Dec 22, 2025

S210I-8P4SX (98012933)

Power Supply System The device can use a single power module or dual power modules for 1+1 power redundancy. It can be connected to a PAC240S56-CN power module.

Apr 28, 2026

Huawei Campus Optical Module Portfolio

In addition to the optical-to-electrical conversion function, the optical forwarding module integrates many signal processing functions, such as MUX/DEMUX, CDR, function control, performance data

Jan 28, 2026

01-10 OPTICAL MODULES

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.

Feb 25, 2026

Optical Modules for Huawei S Series Switches

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.

Jul 08, 2025

HW:SFP-10G-SR Datasheet Overview

Overview Huawei Optical Transceivers - HUAWEI SFP-10G-SR.Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC).

Sep 13, 2025

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

Apr 28, 2026

Huawei SFP-25G-SR Module SFP-25G-SR price and

Huawei SFP-25G-SR Module adopts hot-swappable SFP28 package, working wavelength is 850nm, it is a full-duplex transceiver module. Its maximum speed is

Mar 14, 2026

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.

May 09, 2026

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

Mar 01, 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

Jan 22, 2026

What Is an Optical Module and Its FAQs (V300)

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter which converts electrical signals into optical signals and

Nov 16, 2025

How to View Optical Module Parameters

Viewing the Hardware Description If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the

Jun 25, 2026

What Is an Optical Module

An optical module is a device for converting electrical signals to optical signals and vice versa, widely used in telecommunications and data centers.

Dec 18, 2025

Huawei Data Center Network Short-Distance Optical Module Portfolio

In order to work efficiently, BIDI optical modules must be paired, and the duplexer must be tuned to match the desired wavelengths of the transmitter and receiver to achieve bidirectional data

Jun 14, 2026

GFPD Service Board GFPD price and specs epfd

GFPD Service Board Product Features 16-GPON Port Interface Card with B+/C+/C++ SFP module Apply to Huawei MA5683T, MA5680T, MA5608T OLT

Feb 23, 2026

Understanding Optical Modules

If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the

Jan 17, 2026

How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch.

Aug 02, 2025

Huawei Optical Module Common Models

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

Apr 20, 2026

OPTICAL MODULES FOR HUAWEI S SERIES 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 center wavelength, transmission distance, fiber types

Aug 09, 2025

How to Identify Huawei-Certified Optical Modules

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

Nov 09, 2025

Huawei SFP-10G-LR Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

Jul 24, 2025

Huawei XFP-10G-1550NM-80KM-SM Optical Module Sample Report

Huawei has model XFP-10G-1550NM-80KM-SM optical module products, which can support 10G Ethernet transmission of 80KM in single-mode fiber, Moduletek Laboratory has tested

Aug 23, 2025

10 Gbit/s SFP+ Optical Module

HUAWEI AntiDDoS8000 V500R005 Hardware Description 10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces.

Contact Us

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