

# Huawei dual-port optical module



## Overview

The H801X2CS Huawei is a high-performance 2-port 10GE optical uplink board designed for Huawei's MA5600T and MA5680T series OLT platforms. It provides high-speed, stable uplink transmission using 10 Gigabit Ethernet interfaces via SFP+ optical modules. Together, they ensure resilient data center interconnectivity and empower. A switch must use optical or copper modules that have been certified for use on Huawei switches. Huawei is not liable for any problem caused by the use of non-certified optical or copper. A GPON optical module is connected to one SC optical fiber to provide the Gigabit-capable passive optical network (GPON) access service. is a telecommunications network solutions provider. Support 25GE/XGE/GE ports OptiXstar M990 is a 50G PON ONU provided by Huawei.



## Article Content

Dec 01, 2025

### 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

Sep 18, 2025

### huawei-optical-module-supplier-list

21 Companies and suppliers for huawei-optical-module-supplier-list Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Dec 10, 2025

### Expandable Interface Module

Provides information on expandable interface modules, including specifications and compatibility details for Huawei devices.

Oct 10, 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.

Mar 16, 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

Nov 22, 2025

### Huawei GPON GPHF Board 16 PON Ports Interface Card with B+ C

Whether implemented in small communities or large urban developments, the GPHF stands as a cornerstone of modern optical network deployments, ensuring a robust, future-proof infrastructure for

Dec 04, 2025

### H801X2CS Huawei High Quality 2Port 10GE Optical Uplink Board

The H801X2CS Huawei is a high-performance 2-port 10GE optical uplink board designed for Huawei's MA5600T and MA5680T series OLT platforms. It provides high-speed, stable uplink transmission

Dec 20, 2025

### 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.

Jun 03, 2026

### 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

May 10, 2026

### Huawei GPON Optical Module

An XGS-PON optical module is connected to one SC optical fiber to provide the 10-Gigabit-capable symmetric passive optical network (XGS-PON)

Mar 09, 2026

### 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

Feb 12, 2026

### 10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

May 15, 2026

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

Compatibility Note: An SFP+ port is backwards compatible with an SFP module, but an SFP+ module will not physically or electrically operate in an

Oct 03, 2025

### 2X10GL (2-Port 10GE Optical Ports Interface Card)

2X10GL (2-Port 10GE Optical Ports Interface Card) Card Overview The 2X10GL is a high-speed WAN access module that provides two 10GE optical interfaces for high-speed uplink connection. A

Jan 10, 2026

Huawei OptiXstar P613E-E ONU

Huawei OptiXstar P613E-E is an Optical Network Unit (ONU) designed for enterprise campus and video backhaul scenarios. It features eight GE ports that support

Mar 23, 2026

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and making enterprise operations far more

Mar 14, 2026

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

Dec 12, 2025

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

Sep 03, 2025

OptiXstar M990 50G PON ONU

OptiXstar M990 is a 50G PON ONU provided by Huawei. It supports 50G PON upstream transmission and 25GE/XGE/GE downstream transmission to provide high bandwidth access.

Jan 02, 2026

What Can I Do If a Message Is Displayed Indicating that an Optical ...

This field indicates whether the rate of the optical module installed on the port matches the port rate. For example, if a non-XGE optical module is installed on an XGE port, the rate of the optical module

Jul 08, 2025

Optical Module: Typical Optical Module Troubleshooting Procedure

If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interfaceGigabitEthernet x/x/x command to

Mar 12, 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

Aug 13, 2025

HUAWEI GPFD 16 Port GPON With B+ C+ C++ SFP Modules

High port density: As many as 16 GPON ports in a single module, saving space and resources for the OLT platform. Mass customer support: Up to 2,048 ONT terminals can be connected from a single

May 15, 2026

Understanding Pluggable Optical Modules

Therefore, when using such optical modules, select optical fibers of an appropriate length to ensure that the actual receive power is smaller than the overload power. If the optical fibers connected to a long

Apr 06, 2026

Troubleshooting Guidelines for Optical Modules

If the transmit optical power is abnormal, replace the optical module. Remove and reinstall the optical module. If the fault persists, replace the optical module with a normal one of the same type to check

Aug 15, 2025

PEN Passive Aggregation Module

Downlink direction: The PEN passive aggregation module splits the light from the uplink port proportionally based on the energy and does not operate the wavelengths. As such, the light output

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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