

How much does an original Huawei optical module cost



Article Overview

Huawei optical modules typically range from around \$50 for basic SFP modules to several hundred dollars for high-speed, long-reach modules.

Pricing Overview

The cost of Huawei optical modules depends on several factors, including data rate, transmission distance, and module type. Basic SFP modules, such as the Huawei OEGD01N01 1000BASE-T RJ45 SFP, designed for Gigabit Ethernet over copper, are generally priced at approximately \$50-\$100 per unit, depending on the vendor and shipping options. Higher-speed modules, such as 10G, 25G, 40G, 100G, or 400G optical transceivers, are more expensive due to advanced laser components, stricter signal integrity requirements, and longer optical reach capabilities. Modules designed for long-distance transmission (LR, ER, or ultra-long spans) can cost several hundred dollars per module, reflecting the higher manufacturing complexity and certification costs.

Factors Affecting Cost

- **Transmission Speed:** Higher data rates require more precise modulation and error correction, increasing production costs.
- **Optical Reach:** Modules supporting longer distances need higher-quality lasers and optical components, which raises the price.
- **Module Type:** SFP, SFP+, QSFP, and other pluggable modules vary in cost based on performance and compatibility

Article Content

Oct 01, 2025

Replacing an Optical Module

Applying too much force to the optical fibers may damage the optical module. If an optical module cannot be completely inserted into

Oct 15, 2025

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

We provide original new Huawei Routers,Switches,Firewalls,Wireless APs & controllers,OLTs,GPON modems,optical

Dec 02, 2025

What Is an Optical Module and Its FAQs

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters,

Dec 15, 2025

Understanding Optical Modules

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

Jun 23, 2026

Huawei GE Optical Modules

Buy genuine Huawei GE optical modules from GenuineModules with best price and fast worldwide shipping.

Jul 01, 2026

Replacing an Optical Module

Follow these guidelines when replacing an optical module: Wear an ESD wrist strap or gloves when replacing the cables. Ensure

Sep 08, 2025

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

Jan 27, 2026

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience

May 13, 2026

Huawei OPTICAL MODULE Price

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

Mar 23, 2026

HUAWEI Transceiver

HUAWEI Transceiver Optical transmitter and receiver products of Gearlink optical transceiver manufacturer are trusted by customers

Apr 09, 2026

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

Mar 12, 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

Nov 12, 2025

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

Aug 25, 2025

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios,

Nov 27, 2025

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

Dec 06, 2025

Typical Troubleshooting Cases of Optical Module

If the transmit power is much lower than the transmit power specification of the optical module, possible causes are as follows:

Aug 11, 2025

Optical Module Installation and Replacement

Do not touch the edge connector of an optical module during the installation. Install an optical module on a port before connecting

Oct 13, 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

Nov 04, 2025

Optical Modules for Huawei S Series Switches

Compared with other optical modules, 10GBASE-LRM optical modules have lower cost, lower power, smaller size and provide

Mar 19, 2026

Installing an Optical Module

Installing an Optical Module Context This section describes how to install an optical module. The method used to install a copper

Apr 21, 2026

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

Mar 31, 2026

Spare Parts Price Query | HUAWEI Support Global

Select your HUAWEI device model to inquire about the price for repair parts, such as replacement quotations for batteries, screens,

Apr 25, 2026

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode

Jan 09, 2026

Optical Module Troubleshooting

Possible Causes The optical module installed on the optical interface is not certified for Huawei data center switches.

May 24, 2026

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP Optical

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km single-mode SFP module for Huawei switches and routers. Check real-time price,

Nov 16, 2025

Fundamentals of an Optical Module

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter

Oct 11, 2025

Huawei OSX010000 10G SFP+ 1310nm 10km Optical Transceiver

The Huawei OSX010000 is a carrier-grade SFP+ optical transceiver designed for 10G backbone and aggregation links. Delivering 10

Apr 27, 2026

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module

Get Optical Transceiver Modules at Best Price, Cisco and HUAWEI SFP Module, 10G SFP+ Module, 25G SFP Module, 40g QSFP

Mar 18, 2026

Huawei Optical Modules and Cables

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

Nov 15, 2025

Huawei Original OMXD30000 02318169

Best price for Huawei original OMXD30000, 02318169, Bulk purchase of OMXD30000, DDM test for OMXD30000

Apr 22, 2026

Replacing an Optical Module

Optical modules are electrostatic-sensitive components; therefore, you must take ESD protection measures when replacing optical

Dec 19, 2025

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G, 1310nm, 10km

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei

May 11, 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

Jan 15, 2026

SFP Huawei Pricing and Compatible Cost Optimization

SFP Huawei pricing is determined by a combination of technical specifications, optical performance requirements, and underlying

Aug 17, 2025

Replacing an Optical Module

Replacing an Optical Module Context Never look directly into an optical module or the ends of optical fibers. Optical modules and

Contact Us

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

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

