

Huawei optical module models and prices



Article Overview

Huawei optical module prices vary widely depending on type, speed, and deployment scenario, ranging from tens to several thousand USD per module.

Price Overview

Huawei offers a broad range of optical modules for data centers, enterprise networks, and GPON/FTTH deployments. Prices depend on module type, interface, and transmission distance:

- SFP/SFP+ Modules: For example, the Huawei SFP-10G-LR (10G, 1310 nm, 10 km) is available from authorized distributors with competitive pricing, often lower than similar Cisco or Juniper modules, typically in the \$50-\$150 range per unit depending on quantity and supplier .
- QSFP/QSFP28 Modules: High-speed modules like 100GBase-SR4-MP or 400GBase-ZR QSFP-DD are used in data centers and SANs. Prices for these modules can range from \$500 to over \$2,000 per module, depending on speed, distance, and DWDM capabilities .
- CFP/CFP2 Modules: Modules such as 200G CFP2-1546NM for long-distance links (up to 80 km) are typically priced in the \$1,000-\$3,000 range per unit .
- PON SFP Modules: Huawei GPON, XG-PON, XGS-PON, and 50G-PON modules (Class B+, C+, C+ Pro, D) are optimized for FTTH networks. Prices vary by optical class and distance, generally \$30-\$150 per module, with combo SFP+ modules supporting multiple PON standards costing more .

Purchasing Options...

Article Content

Optical Module

Intelligent Optical Module OSC/OTDR Module Translation Favorite Download Update Date 2026-04-01 Document

Huawei Optical Module Common Models

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

Huawei SFP-10G-USR 10G SFP+ Optical Transceiver Module Price

The Huawei SFP-10G-USR is an enterprise-class SFP+ optical transceiver designed for short-reach 10G links over OM3 multimode

SFP Huawei Pricing and Compatible Cost Optimization

This article provides a structured analysis of SFP Huawei Pricing and Compatible Cost Optimization, covering market pricing drivers,

Huawei Optical Transceiver Prices

Huawei Optical Transceivers available at Telecomate comprise a comprehensive range of high-performance, hot-pluggable

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

01-10 OPTICAL MODULES

Classified by transmission rates Depending on transmission rates, optical modules are classified into 100GE, 40GE, 25GE, 10GE,

Huawei Optical Transceiver Prices

Huawei Optical Transceiver Huawei Optical Transceivers available at Telecomate comprise a comprehensive range of high

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module Price

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

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

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

Discover Huawei GPON and XG-PON SFP modules including Class B+, C+, C+ Pro, and D optics. Compare

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

Huawei SFP-10G-LR is a carrier-grade SFP+ optical transceiver designed for 10G single-mode links up to 10 km. Operating at a 1310

Huawei Huawei Sfp Modules Price And Datasheet

Hi-Network offers both new and refurbished Huawei SFP Modules products, with global shipping available within 5-7 days from

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

HUAWEI Transceiver

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

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rates Currently, the

Types of Optical Modules

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

Huawei Optical Modules and Cables

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

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

StarryLink Optical Module

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

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

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

To address these challenges, Huawei's StarryLink optical modules deliver a high-quality network experience with

Optical Modules in General-Purpose Computing Scenarios

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

Optical Terminal

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

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

Looking ahead, Huawei aims to collaborate with industry partners to further research and innovate in data center

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