

How much does Huawei optical module C cost



Overview

SFP Huawei Pricing and Compatible Cost Optimization SFP Huawei pricing is determined by a combination of technical specifications, optical performance requi.

Key Takeaways

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 .
- **Brand and Certification:** Original Huawei modules are generally more expensive than third-party compatible modules due to ecosystem validation and warranty support .

Purchasing Options

Huawei optical modules are available through official distributors, online retailers, and specialized resellers. Websites like GenuineModules.com offer worldwide shipping and competitive pricing for genuine Huawei modules . For enterprise-grade modules, contacting vendors directly can provide volume discounts and support for specific network requirements. In summary, basic Huawei SFP modules start around \$50, while high-speed, long-reach modules can exceed several hundred dollars, with pricing influenced by speed, distance, and certification requirements .

Article Content

SFP Huawei Pricing and Compatible Cost Optimization

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

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 Sfp Module Price, 2026 Huawei Sfp Module Price

The Huawei Sfp Module Price is included in our comprehensive Fiber Optic Equipment range. Buying in bulk can lead to significant

Optical Modules in General-Purpose Computing Scenarios

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

Huawei Original Om5052, Hsc, Gpon-Olt-Class C++ SFP for Huawei

Huawei GPON OLT C++ SFP is inserted in service board like GPFD GPBD GPBH GPHF etc and provides one or more transceiver

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

Optical Modules for Huawei S Series Switches

If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware

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

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

HUAWEI Transceiver

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

StarryLink Optical Module

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

Huawei Optical Modules and Cables

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

Understanding Pluggable Optical Modules

The transmit power of a long-distance optical module is often larger than its overload power. Therefore, when using such optical

OMXD30000, Huawei SFP+ Optical Transceiver, 10G, Multi-mode,

Huawei OMXD30000 10G SFP+ multi-mode 850nm 0.3km LC module ensures stable short-reach data center and campus links.

Understanding Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Replacing an Optical Module

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

Understanding Pluggable Optical Modules

A QSFP-DD optical module is a high-speed pluggable optical module defined by QSFP-DD MSA. CXP: hot-pluggable high-density

Understanding Pluggable Optical Modules

If the optical fibers connected to a long-distance optical module are too short, use an optical attenuator to reduce the receive power

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

