

Huawei optical modules cost over 10 000 yuan



Article Overview

High-end Huawei optical modules can exceed 10,000 yuan due to advanced performance, long-distance transmission, and ultra-reliable data center applications.

Factors Driving High Costs

Huawei optical modules, particularly StarryLink and high-speed SFP/QSFP transceivers, are designed for demanding environments such as data centers, AI clusters, and telecom networks. Modules exceeding 10,000 yuan typically offer:

- Ultra-high bandwidth and speed: Modules supporting 200G, 400G, or 800G transmission rates for large-scale GPU clusters or enterprise networks .
- Long-distance transmission: Some modules can reach up to 80 km over single-mode fiber, suitable for interconnecting data centers .
- Enhanced reliability and security: Features like short-distance optical return loss positioning, channel loss resistance, and PHYSEC encryption ensure minimal downtime and zero data leakage .
- Specialized applications: AI training clusters, such as 10,000-GPU setups, require tens of thousands of optical modules, where each module's performance directly impacts computing efficiency and operational costs .

Module Types and Use Cases

- SFP+ and QSFP28 transceivers: Compact modules for high-speed fiber connectivit...

Article Content

Huawei Sfp Module Price, 2026 Huawei Sfp Module Price

Discover the perfect addition to your Fiber Optic Equipment with our Huawei Sfp Module Price. Identify leading distributors by their

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

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

Whether operators are expanding GPON networks, increasing splitter ratios, or preparing for 10G PON migration,

Smarter and Greener Optical Modems

In 2020, Huawei integrated optical modems and routers into one product, and launched the Huawei OptiXstar smart optical modem

Huawei Optical Modules and Cables

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

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

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

Huawei CloudMatrix 384 Super-node: 6912×400G SiPh LPO Optics

Deep dive into Huawei's AI super-node: 384 Ascend 910C chips, 6912×400G OSFP SiPh LPO modules (1:18 ratio),

Optical Amplifier Overview

Only optical modules matching Huawei products can be used. If non-matching optical modules are used, device

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

FAQs About Optical Modules

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

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Behind them, Hisense Broadband holds a full chain from optical chips to terminal devices, HG Genuine has secured

Optical Modules in General-Purpose Computing Scenarios

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

Types of Optical Modules

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

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

How does Huawei SFP-10G-LR compare with similar products? It offers similar performance to Cisco and Juniper 10G modules,

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 OPTICAL MODULE Price

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

HUAWEI Transceiver

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

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

IP + Optical: The Mainstream Solution for the 400G Era

With the mature commercial use of 400G ZR+ optical modules, IP colored optical boards and gray optical boards have

Huawei 100GE Optical Modules

Buy genuine Huawei 100GE optical modules from GenuineModules with best prices and fast worldwide shipping.

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 an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals,

Huawei Unveils StarryLink Optical Modules That ...

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

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.

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE

Introduction of Optical Modules on Huawei Switches

The standards define the rate, wavelength, and transmission distance of optical modules, but not their encapsulation modes (two

10GE SFP+ Optical Modules

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

StarryLink Optical Module

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

Huawei OptiX OSN 1800 OTN and Boards Datasheet

Overview Huawei OptiX OSN1800 is a series of box architecture Multi-Service Optical Transport Network (MS-OTN) transmission

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

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 SFP Module Price

Find huawei sfp module price and other fiber optic transceivers at our reliable supplier. High-quality, compatible, and

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