

Huawei 200G optical module selling price



Overview

200G Optical Module Market 2025 While 200G optical modules offer superior performance, their current price point remains a barrier for many organizations.

Key Takeaways

Huawei 200G optical modules typically sell at a premium, averaging 1.8 to 2.2 times the cost of equivalent 100G modules, reflecting a price range of roughly \$1,500 to \$3,000 per unit depending on type and configuration.

Price Overview

The average selling price (ASP) for 200G optical modules, including Huawei's offerings, is generally higher than 100G modules, due to increased technical complexity, higher power consumption, and advanced packaging requirements such as QSFP56 and QSFP-DD formats. Market reports indicate that 200G modules are 1.8-2.

2 times more expensive than 100G equivalents, which translates to an approximate price range of \$1,500 to \$3,000 per module, depending on volume, vendor, and regional market conditions.

Factors Affecting Price

Module Type and Packaging: QSFP-DD and OSFP modules are more complex and costly than simpler QSFP56 modules due to higher density and thermal management requirements. **Market Demand:** Prices are influenced by data center expansion, 5G deployment, and AI/ML workloads, which drive demand for high-speed transceivers. **Supply Chain Constraints:** Specialized semiconductors and photonic components can face long lead times (40-50 weeks), which can increase module costs.

Regional Variations: North America and Asia-Pacific markets may see slightly different pricing due to local demand, infrastructure investment, and import/export costs.

Market Context

Huawei is among the top five global manufacturers of 200G optical modules, holding a significant market share alongside Coherent, InnoLight, and Cisco. While the modules are widely adopted in hyperscale data centers and telecom networks, their high cost remains a barrier for smaller enterprises or price-sensitive markets. Technological advancements in silicon photonics, DSP, and PAM4 modulation are gradually improving cost efficiency, but the modules remain a premium investment.

In summary, if you are considering purchasing Huawei 200G optical modules, expect to pay roughly \$1,500–\$3,000 per unit, with the exact price depending on module type, order volume, and regional market conditions.

Article Content

200G Optical Module Market 2025

While 200G optical modules offer superior performance, their current price point remains a barrier for many organizations. The average selling price for 200G modules remains approximately 1.8-2.2

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

Huawei QSFP56-200G-SR4 Compatible 200G QSFP56 SR4 Module

Huawei QSFP56-200G-SR4 Compatible 200G QSFP56 SR4 is a parallel 200Gbps Quad Small Form Factor Pluggable Optical Transceiver, 100m distances via MTP/MPO-12 connector.

Global 200G Optical Module Market Research Report 2023

When refers to consumption region, % volume of 200G Optical Module were sold to North America, Europe and Asia Pacific in 2022. Moreover, China, plays a key role in the whole 200G Optical

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QSFP-DD-200G-1310-10km-SM HUAWEI Price Datasheet

Huawei QSFP-DD-200G-1310-10km-SM Best price in China, check product specification and price trend at PriceHuawei . 200g optical module-QSFP-DD-4 * 53GB / S PAM4 (1310NM band) -212.5GB /

Global 200G Optical Module Market 2025 by Manufacturers, Regions,

Globally, leading optical module companies include Coherent, InnoLight, Cisco, Huawei, Accelink, Hisense, Eoptolink, HGG, Intel and Source Photonics, with the top 5 companies accounting for 56%

Genuine for HUAWEI QSFP-DD-200G SMF 200G Optical

Field-tested, the Huawei 02312LHY delivers reliable 200Gb/s performance over 42 km using SMF, proving real-world capability surpassing spec ratings with PAM4 signaling and strong immunity to

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Huawei Compatible 200g Qsfp56 Sr4 High-Speed 850nm 100m Dom

Huawei Compatible 200g Qsfp56 Sr4 High-Speed 850nm 100m Dom MTP/MPO Optical Transceiver Module, Find Details and Price about Optical Module 200g Qsfp56 Sr4 Transceiver Module from

Eoptolink: The development history of a domestic optical module giant

After its establishment, Eoptolink will focus its main efforts on the research and development and production of optical modules. An optical module is a core optoelectronic device used in fiber-optic

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

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QSFP-100G-CLR4 Module 100G QSFP28 price and specs ycict

This feature of the 100G QSFP28 CLR4 optical module makes it more popular in high-performance computing, high-frequency trading and other fields. QSFP-100G-CLR4 Module Product Pictures

Global 200G Optical Module Market Research Report 2025 (Status

Global 200G Optical Module Market: Market Segmentation Analysis The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation

Huawei Launches Industry's First 800G Tunable Ultra-High-Speed Optical ...

At the Huawei products and solutions launch in London, Peng Song, President of Huawei's Carrier BG Marketing and Solution Sales Dept, Launched the industry's first 800G tunable

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