CIF price for 200G active optical modules



Overview

200G Optical Module Market Research Report 2034Cost convergence between 200G and 400G modules during 2024-2025 eliminated historical price premiums, enabli.

Key Takeaways

The CIF price for 200G pluggable optical modules typically ranges from $1,200 to $2,500 per unit, depending on form factor, manufacturer, and shipping terms.

Market Overview200

G optical modules are high-speed transceivers designed for data transmission at 200 Gbps, commonly used in data centers, 5G networks, and hyperscale cloud infrastructure ( ). Popular form factors include QSFP56 and QSFP-DD, with modules integrating TOSA (laser) and ROSA (detector) components, drive circuits, and thermal management systems ( ). Leading manufacturers include Coherent, InnoLight, and Huawei, which collectively hold over 50% of the market ( ).

Price Range

Standard QSFP56 200G modules: $1,200–$1,800 per unitHigh-performance or long-reach QSFP-DD modules: $1,800–$2,500 per unit ( )Prices vary based on reach (short, medium, long), modulation type (PAM4, coherent), and vendor.

CI

F Pricing ConsiderationsCIF pricing includes product cost, insurance, and freight to the destination port. Factors affecting CIF price: Shipping distance and port fees – Longer distances and congested ports increase freight costs. Insurance coverage – Higher-value modules or sensitive shipments may require additional insurance.

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Volume discounts – Bulk orders can reduce per-unit CIF cost. Customs and import duties – Local tariffs can significantly affect landed cost. For example, a QSFP56 200G module priced at $1,500 FOB (Free on Board) from China may have a CIF cost of $1,650–$1,750 to a major U.

S. port, including standard insurance and freight.

Market Trends Impacting Pricing

Rising demand for 200G modules due to AI/ML workloads and 5G expansion is driving moderate price increases ( ). Transition from 100G to 200G infrastructure in hyperscale data centers is accelerating adoption, which may tighten supply and affect CIF pricing. Technological advancements like silicon photonics and co-packaged optics may increase module cost but improve energy efficiency and performance ( ).

In summary, while exact CIF pricing depends on shipping terms and destination, expect 200G pluggable optical modules to cost roughly $1,200–$2,500 per unit CIF, with higher-end coherent or long-reach modules at the upper end of this range.

Article Content

200G Optical Module Market Research Report 2034

Cost convergence between 200G and 400G modules during 2024-2025 eliminated historical price premiums, enabling total cost of ownership improvements through reduced port count and power

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

Libyan CIF price 1 6T optical module 200G

Libyan CIF price 1 6T optical module 200G 1.6T-DR8 OSFP224 LPO transceiver offers 8 channels of 200G-PAM4, 500m reach, and supports IEEE 802.3df, ideal for 1.6T Ethernet networks - AscentOptics.

Optical Modules Market Research Report 2034

The optical modules market was valued at $14.8 billion in 2025 and is projected to reach $39.6 billion by 2034, growing at a CAGR of 11.5%.

200G Optical Module Market Report: Size, Growth, Trends & Forecast ...

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The 200G Optical Module Market is an essential segment within the broader field of optical communication technologies, focusing on high-speed data transmission solutions that cater to the

Optical Components

Detailed unit shipment forecasts for each Datacom and Telecom optical module category. No market share for detailed unit shipments is provided; unit shipment data from

Optical Modules Market Size, Growth Trends & Forecast

The Optical Modules Market encompasses the design, manufacturing, and deployment of compact, high-performance devices that facilitate the transmission and reception of optical signals

200G Optical Module Market Forecast 2026 | Trends, Growth

The global 200G optical module market is currently witnessing substantial growth, driven by the exponential increase in data traffic, cloud computing, and high-speed internet demand.

Global 200G Optical Module Market Research Report 2025 (Status

The 200G optical module is a high-speed networking device used in data centers and telecommunications networks to transmit data at a rate of 200 gigabits per second.

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

100G 200G 400G Optical Module Trends | Infinol

Infinol reviews 100G, 200G and 400G optical module trends, helping network buyers understand changing data center and telecom demands.

200G Optical Module Market 2025

200G Optical Module Market was valued at 2625 million in 2024 and is projected to reach US$ 4991 million by 2032, at a CAGR of 9.9% during the forecast period.

800G/400G/200G Coherent CFP2 Transceiver Modules | Optical

FS 800G/400G/200G Coherent CFP2 optical transceiver module solutions offer a full range of CFP2 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return. Trusted by 260K+

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

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

200G QSFP56 AOC: High-Speed Active Optical Cable for Optimal

The 200G QSFP56 Active Optical Cable (AOC) is a cutting-edge solution for short-range, high-speed data transfer applications. AOCs are essentially fiber optic cables with transceivers

Active Optical Module Market Research Report 2034

Active Optical Module market valued at $10.7 billion in 2025, projected to reach $35.6 billion by 2034 at 14.2% CAGR, driven by data center expansion and 5G deployment.

200G Optical Module Market Report: Size, Growth,

200G Optical Module Market size was valued at USD 2.5 Billion in 2023 and is projected to reach USD 5.1 Billion by 2031, growing at a CAGR of 14.2% The

1m (3ft) QSFP56 to QSFP56 AOC Customized Compatible 200G Active Optical ...

200G QSFP56 AOC (Active Optical Cable) is designd for use in 200 Gigabit Ethernet links over OM3 MMF (multimode fiber), it contains four multi-mode fibers (MMF) optic transceivers per end, each

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Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

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