CIF Price for 400G QSFP Optical Module

Overview

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO AnalysisThis guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800.

Key Takeaways

The CIF price for 400G SFP optical modules ranges from approximately $1,400 to over $130,000 depending on module type, transmission distance, and vendor. Price OverviewShort-Reach Modules (SR8): Designed for in-rack or cross-row connections, these modules are the most economical, with third-party vendors offering prices between $1,400 and $1,800 per module.

Medium-

Reach Modules (DR4, FR4): Used for inter-row or campus links, prices are moderately higher, typically ranging from $2,500 to $5,000 depending on vendor and specifications.

Long-

Reach Modules (LR4, ZR, ZR+): For long-haul or data center interconnects, OEM prices can exceed $10,000, with coherent ZR+ modules reaching $130,000 for high-performance deployments. Third-party alternatives can offer significant savings, often 60–70% of OEM list prices for proven modules. Vendor OptionsOEM Vendors: Cisco, Juniper, Arista, and other major brands provide high-reliability modules with full firmware and DOM support.

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M modules are generally more expensive but preferred for critical production environments.

Third-

Party Vendors: Companies like SULITON and FS offer 400G SFP modules compatible with most switches (Cisco, Huawei, Juniper, Dell, Edge-Core). These modules undergo rigorous testing, including spectrum, eye diagram, and bit error rate tests, and are priced competitively, often below OEM rates.

CIF Considerations

Cost, Insurance, and Freight (CIF) includes the product price, shipping, and insurance to the destination port. For 400G SFP modules, CIF pricing will vary based on shipping distance, volume, and vendor agreements. Volume Discounts: Many vendors provide tiered discounts for bulk purchases, which can reduce the effective CIF price significantly, especially for SR8 and DR4 modules.

Summary

For budgeting purposes, expect the CIF price for a 400G SFP module to start around $1,400 for short-reach SR8 modules and escalate to $130,000 for high-end coherent ZR+ modules. Third-party vendors offer cost-effective alternatives, particularly for medium- and long-reach modules, while OEM modules remain the standard for mission-critical deployments.

Article Content

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This guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800G modules, provides an objective comparison between OEM and third-party products,

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Amazon : QSFPTEK 400GBase QSFP Module DR4 QSFP-DD PAM4 1310nm 500m DOM MTP/MPO SMF Optical Transceiver Module Compatible with Cisco QDD-400G-DR4-S -2pack :

Comprehensive Guide to 400G/800G QSFP-DD Optical Modules

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From a technological perspective, both 400G and 800G QSFP-DD modules benefit from significant advancements. Silicon photonics has played a key role in reducing cost and power

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FiberMall LQSFP112-400G-FR4 uses LPO technology and is a high-performance, scalable, low-power optical module suitable for high-speed network applications.

400G Transceivers — Transceiver USA

Transceiver USA''s optical QSFP and OSFP modules are used in enterprise and datacenter networks. View price, stock and buy direct from Transceiver USA.

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