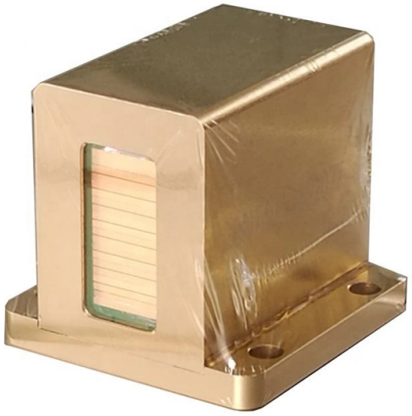
Price list for QSFPS FP optical modules for data center interconnection



Overview

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Key Takeaways

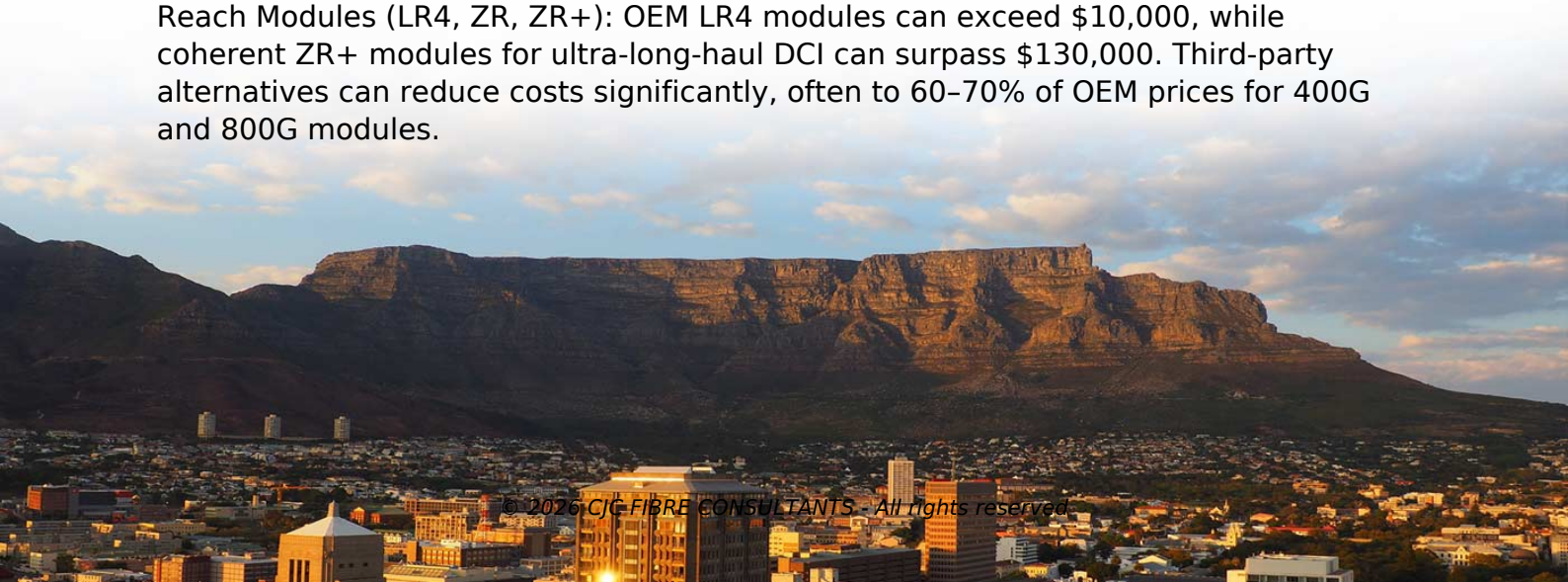
QSFP optical module prices vary widely depending on speed, reach, and vendor, ranging from under $2,000 for short-reach 400G modules to over $130,000 for long-haul coherent ZR+ modules. Pricing OverviewShort-Reach Modules (SR8, in-rack or cross-row DCI): Typically priced between $1,400 and $1,800 from reputable third-party vendors for 400G QSFP-DD modules, suitable for distances under 100 meters.

Medium-

Reach Modules (DR4, FR4): Used for inter-row or campus links, prices are moderately higher, with third-party options offering competitive pricing due to market compression.

Long-

Reach Modules (LR4, ZR, ZR+): OEM LR4 modules can exceed $10,000, while coherent ZR+ modules for ultra-long-haul DCI can surpass $130,000. Third-party alternatives can reduce costs significantly, often to 60–70% of OEM prices for 400G and 800G modules.



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Form Factors and Speeds40

G QSFP+: Common for legacy deployments and short-distance DCI, available from FS and Unitekfiber with warehouse shipping and wholesale pricing. 100G QSFP28: Standard for modern data centers, supporting SR, LR, and ER distances. 400G QSFP-DD: Dominant for high-density DCI, with SR8 for short-reach, DR4/FR4 for medium-reach, and LR4/ZR/ZR+ for long-haul applications.

800G QSFP-DD800: Emerging for ultra-high-speed interconnects, with pricing still stabilizing; third-party modules are available at 60–70% of OEM list prices.

Key Considerations

Distance and Fiber Type: SR for

Article Content

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

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

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

What Is The Optical Transceiver?The Common Type of Optical TransceiverActive Optical CableDirect Attach Copper CableOptical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In summary, optical transceivers are efficient data transmission devices. With the rapid development of artificial intellige...See more on unitekfiber qsfptek

QSFPTEK Online Store for Optical Transceivers

We provide compatible optical modules with online shopping function.

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Learn the differences between 200G DAC and 200G AOC cables, including QSFP56 and QSFP-DD form factors, transmission distance, power consumption,

Price list for SFP-QSFP28 optical modules for data center

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Compare top SFP module manufacturers on price & quality. From SFP/SFP+/SFP28 to QSFP28, see which suppliers deliver reliable performance for data centers & ISPs.

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Pluggable Optical Modules Market : Global Industry Analysis and ...

Explore the global Pluggable Optical Modules market with expert analysis on growth drivers, trends, key insights, and forecast outlook to 2036.

SFP Modules Dubai | IRIX Fiber Optic Transceivers & SFP+ UAE

Fiber optic modules UAE market serves diverse applications including data center server connectivity, campus building interconnection, storage area networks (SAN), metro area networks,

SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD,

Applications: SFP28 is mainly suitable for 25G Ethernet and 5G front-haul networks, while QSFP28 is primarily used for 100G Ethernet in data

SFP transceiver BlueOptics SFP-BX4U-BO | AiO.lv

Buy BlueOptics SFP-BX4U-BO SFP transceiver module with 1250 Mbit/s data rate and 1310 nm wavelength. Delivery in Riga Latvia and EU.

AOC CBO SFP-AOC-10G-2M-ZY-BO SFP+ 10Gb/s 2m | AiO.lv

Short description Active Optical Cable (AOC) CBO SFP-AOC-10G-2M-ZY-BO is a 2-meter SFP+ direct-attach solution supporting 10 Gb/s data rates. Designed for short-range high-speed interconnections

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Hot-Pluggable Optical Transceiver Market Trends & 2033 Outlook

The Hot-Pluggable Optical Transceiver market is expanding due to hyperscale data center demand and AI infrastructure build-outs. Analyze key segments and market share to inform strategy.

somali-fiber-optic-switch-price-list

21 Companies and suppliers for somali-fiber-optic-switch-price-list Find wholesalers and contact them directly Leading B2B martketplace Find companies now!

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.

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

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