

Price list for QSFP-SFP optical modules for data center interconnection



AI Overview

QSFP-DD optical module prices vary widely, from around \$1,400 for short-reach 400G SR8 modules to over \$130,000 for long-haul coherent ZR+ modules, depending on type, reach, and vendor. 400G QSFP-DD Modules SR8 (Short-Reach, in-rack/cross-row): Typically \$1,400–\$1,800 from reputable third-party vendors. These are the most common for in-rack and short-distance DCI connections. DR4/FR4 (Medium-Reach, row-to-row or campus links): Prices are competitive due to third-party market compression, generally \$2,500–\$5,000, depending on vendor and volume. LR4 (Long-Reach, up to 10 km): OEM modules can exceed \$10,000, while third-party alternatives may offer significant savings. ZR/ZR+ (Coherent, long-haul DCI): OEM pricing can exceed \$130,000, representing the highest cost line items in wide-area network builds. Third-party options can reduce costs by 30–40% or more. 800G QSFP-DD Modules Pricing is still stabilizing. Buyers can expect to pay 60–70% of OEM list prices for proven third-party 800G transceivers. OEM modules are often preferred for critical production workloads due to firmware and DOM compatibility. Procurement Considerations OEM vs Third-Party: Third-party modules offer substantial cost savings, especially for high-volume deployments, but OEM modules may be preferred for mission-critical applications due to guaranteed compatibility. Volume Discounts: Bulk purchases can reduce per-unit costs, particularly for 400G SR8 and DR4 modules. Compatibility: Ensure modules are MSA-compliant and compatible with existing switches and routers. Vendors like Unitek Fiber and Pivotal Optics provide 100% compatible QSFP-DD modules for data centers. Summary Table of Approximate Prices

Module Type	Reach	Typical Price (Third-Party)	OEM Price Range
SR8	Short (in-rack)	\$1,400–\$1,800	\$1,500–\$2,000
DR4/FR4	Medium (row/campus)	\$2,500–\$5,000	\$3,000–\$5,000

Article Content

Hot-Pluggable Optical Transceiver Market: 10.84% CAGR & 2033

Hot-Pluggable Optical Transceiver market grows at 10.84% CAGR, driven by AI, Cloud Services, and data center expansion. Analyze key trends & projections to 2033.

QSFPTEK Transceiver Best Deals and Price List

QSFPTEK is a one-stop optical transceiver manufacturer and seller. We provide 1G to 400G optics with a vast selection of compatibility and models.

High Speed Optical Modules: Market Disruption & 11.5% CAGR Growth

High Speed Optical Modules market sees significant expansion, driven by data center, cloud, and AI demand. Projecting 11.5% CAGR to 2034. Gain strategic market insights.

Marvell Technology, Inc. | Essential technology, done right

Designed for your current needs and future ambitions, Marvell delivers the data infrastructure technology transforming tomorrow's enterprise, cloud, automotive,

Optical Transceiver Market Size, Share, Industry Report

Industrial cloud deployments and edge data center growth supporting Industry 4.0 initiatives further drive adoption of high-speed 100G to 800G optical modules.

40G QSFP+ Transceiver Modules | Optical Transceivers

Click to get your 40G QSFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

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.

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot

Optical Transceivers | Network Solutions for AI Cluster,

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

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 intelligence...See more on unitekfiberuritprice

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy software configurable line rates and modulation schemes for long-reach amplified DWDM systems or dark fiber systems. Support line rates up to 400 Gbps over a single-fiber bidirectional

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Get 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver from ETU-Link Technology CO.,LTD,we supply excellent SFP+ 10G BiDi 70KM SFP Module. Long using life,high

CFP Optical Modules Market Growth: 16.4% CAGR Analysis

Explore the CFP Optical Modules market, projected to \$14.7 billion by 2025 with 16.4% CAGR. Analyze drivers, types, applications, and key players. Access market intelligence.

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

Buy Transceivers – SFP, SFP+, and QSFP Modules

QSFPs offer significantly higher data rates, starting at 40 GB/s, with no upper limit in sight (as of 2022, up to 800 GB/s is possible). The transceivers are produced for

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy software configurable line rates and modulation schemes for long-reach amplified DWDM systems or dark fiber systems. Support line rates up to 400 Gbps over a single-fiber bidirectional

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 intelligence...See more on unitekfiber qsfptek

Optical Transceivers | Network Solutions for AI Cluster,

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

VIAVI Solutions | Network Test, Monitoring, and Assurance

Our test, monitoring, assurance, and resilient position, navigation and timing solutions enable and secure critical infrastructure ranging from data center

Global Leader in Materials, Networking, and Lasers

Communications Transform global communications networks with our comprehensive portfolio of coherent transceivers and modules, lasers, amplifiers,

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Approved Networks

Approved Networks is a trusted provider of high-performance optical networking solutions for data centers, enterprises, and service providers. Our transceivers,

Price list for SFP-QSFP28 optical modules for data center

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.mr-security.co.za>

Email: info@mr-security.co.za

Phone: +33 1 45 23 67 81

Address: 10 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

