

RIVO MULTITRADE OPTICAL SYSTEMS

Price list for SFP SFP optical modules for data center interconnection



Overview

Optical Transceiver Pricing: Cost Ranges by Speed and Type See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies.

Key Takeaways

SFP and SFP+ optical modules for data center interconnects range from \$10-\$200 per module depending on type, data rate, and vendor, with third-party modules offering significant cost savings over OEM options. Overview of Pricing by Module Type

- 1G SFP (1000BASE-SX/LX/T): Typically \$10-\$50 per module for third-party vendors, with OEM prices often higher by 30-100% ().
- 10G SFP+ (10GBASE-SR/LR/T): Prices range from \$30-\$120 for compatible third-party modules, with OEM modules costing up to \$200 ().
- 25G SFP28: Third-party modules are generally \$50-\$150, offering 60% or more savings compared to OEM ().
- 40G QSFP+ and 100G QSFP28: Third-party modules range from \$100-\$400, depending on reach (short, long, or extended) and wavelength ().

- 400G QSFP-DD: High-density modules for next-generation data centers can cost \$1,000+, with variations based on reach (SR8, LR4, DR4) and vendor ().

Factors Affecting Price

- Data Rate and Reach: Higher-speed modules (25G, 40G, 100G, 400G) and longer reach (10 km or more) increase cost.
- Module Type: SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, and OSFP differ in complexity and price ().
- Vendor: OEM modules are more expensive but may offer guaranteed compatibility; third-party modules provide cost savings but require verification of coding and interoperability ().
- Volume and Lead Time: Bulk purchases reduce per-unit cost; urgent orders may incur premiums ().
- Compliance and Diagnostics: Modules with digital diagnostics monitoring (DDM/DOM) or RoHS compliance may be priced higher ().

Recommended Procurement Approach

- Compare multiple vendors: Evaluate coding compatibility, failure rates, and RMA policies ().
- Request like-for-like quotes: Ensure the module matches your switch or router slot type and data rate ().
- Consider third-party modules: They often provide 30–70% savings over OEM while maintaining full compatibility ().
- Check stock and lead time: Especially for high-speed modules like 100G or 400G, regional availability can affect delivery ().

Sources for Purchase

- GlobalSources: Wholesale fiber-optic modules with factory-direct pricing ().
- ShopFiber24: Wide range of SFP, SFP+, QSFP, and copper modules with compatibility guidance ().
- ETU-Link Technology: High-speed optical transceivers including 400G QSFP-DD and 200G QSFP56 ().
- QSFPTEK: Price comparison and third-party SFP/SFP+ modules for cost-effective procurement (). By considering module type, data rate, vendor, and reach, data center operators can optimize costs while ensuring reliable interconnect performance.

Article Content

Optical Transceiver Pricing: Cost Ranges by Speed and Type

See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology

800/400/200/100/40G Fiber Optical Modules

The super-high density and backwards compatibility can enable high bandwidth and high speed links for data center and cloud

Global Price List for SFP SFP28 QSFP QSFP28 10G 25G 40G 100G

Discover Dynafiber's comprehensive global price list for SFP+, SFP28, QSFP+, QSFP28 10G, 25G, 40G, and 100G Fibre Optic

SFP Module Price: Strategic Cost Analysis and TCO Factors

Compare SFP module prices, OEM vs third-party costs, and total cost of ownership (TCO). Learn what drives SFP pricing and how

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+,

Everything You Need to Know About Optical Modules

Optical modules are electronic devices used in communication systems to transmit optical signals. These modules

Price list for SFPLPO optical modules for data center interconnection

Low-Power Optical Modules Supplier Guide: to Lower Data center Choosing cost-efficient optics is therefore not just tactical -- it's a

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

Learn the latest 10G SFP price ranges, key cost factors, brand comparisons, and how to buy reliable 10G SFP modules at the best

50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting transmission distances from

Buy Transceivers – SFP, SFP+, and QSFP Modules

The SFP module (Small Form-Factor Pluggable or Mini GBIC (Gigabit Interface Converter)) is an optical transceiver module that is

Price list for SFP/SFP optical modules for data center interconnection

ABC Stimulo Photonics designs and manufactures fiber optic cables, optical transceivers, ODF frames, data center cabling solutions,

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

800GBASE OSFP/QSFP-DD800 Optics Transceivers Module | FiberMall

The goal is to define pluggable low-cost optical modules for data center applications with short-range 800G transmission, including

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

