

Price list for SFP active optical equipment for data center interconnection



AI Overview

SFP and SFP+ active optical components for data center interconnects range from \$5 for basic 1G modules to over \$900 for high-end 25G-100G OEM transceivers, with active optical cables offering cost-efficient alternatives for short-reach links.

Typical Price Ranges by Speed and Type

- 1G SFP Modules: Generic or compatible modules typically cost \$5-\$25, while OEM-branded or industrial-grade units can reach \$60-\$120 per unit, depending on vendor and specifications .
- 10G SFP+ Modules: Compatible short-reach SR modules are often priced in the tens of dollars, whereas OEM long-reach LR or ER modules can cost \$100-\$300+ .
- 25G SFP28 Modules: Low-cost compatible SR modules may be under \$30, while branded single-mode or specialized parts can range from \$200-\$900 .
- 40G QSFP+ Modules: Compatible SR4 modules are available for \$40-\$150, with LR4 or WDM-certified modules priced \$300-\$1,000+ .
- 100G QSFP28 Modules: Short-reach MMF modules are relatively affordable, but single-lambda DR/FR/DR4 or coherent DWDM units carry higher premiums, often exceeding \$1,000 .

Active Optical Cables (AOCs)

Active optical cables provide a cost-effective, power-efficient alternative to discrete transceivers and patch cords, especially for short-reach data center interconnects. Popular configurations include:

Article Content

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy high-density and low-power SFP28 connectivity for data center and high-performance computing networks applications. Meet

Price list for SFP active optical modules for data center

The Hot-Pluggable Optical Transceiver market is expanding due to hyperscale data center demand and AI infrastructure build-outs.

The Ultimate Guide to SFP Modules (2026): Types, Speeds

What is an SFP? SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network

What Is DAC Cable, Direct Attach SFP+ Cable Passive vs Active

High speed direct attach cable (DAC) assemblies, or twinax cable assembly used in data centers. It provides a lower

Optical Connectivity for AI Infrastructure, Data Center & Telecom

From SR4 to ZR4, DR to ER, our full-spectrum QSFP28 and high-density MTP/MPO cabling build a high-performance data center.

Data Center Optical Transceiver Market Size, Share, Trends

The global data center optical transceiver market was valued at USD 9.2 billion in 2025 and is projected to reach USD 21.3 billion by

Amazon : Sfp Module

Upgrade your network infrastructure with versatile SFP modules. Discover options for 1G, 10G, and fiber optic standards to meet

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

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

Optical Transceiver Pricing: Cost Ranges by Speed and

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

Ruijie 10G SFP+ Active Optical Cable, 1 m, DDM, Hot-Swappable XG-SFP ...

They are applicable to data center and campus networks, enabling cost-effective, efficient, and high-speed interconnection among

SFP+ Fiber Optic Transceivers/DACs & AOCs (Active Optical Cables ...

Fiber Optic Transceivers are available in a range of form factors, including SFP, SFP+, QSFP+, XFP and more, ensuring seamless

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

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

Usage of Direct Attach Cables for Data Center Interconnection

The active version provides a low cost alternative to optical transceivers, and are generally used for end of row or

Datacom Active Optical Cables

ActiveOpticalCable supplies one-stop data center active optical cables including 10G SFP+ AOC, 25G SFP28 AOC, 40G

SFP Modules: Types, Selection Guide & Applications

An SFP module is a compact, hot-swappable optical transceiver designed to facilitate data transmission between

SFP Optical Module Specifications: Standards

SFP (Small Form-factor Pluggable) optical modules are compact, hot-pluggable transceivers that enable

Optical Transceiver Pricing: Cost Ranges by Speed and Type

This article compares typical cost ranges across speeds and transceiver types, explains why prices vary, and gives practical

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