

Supply prices of SFF and SFP optical modules



AI Overview

SFP and SFF optical modules currently range from \$5 for basic 1G compatible units to several hundred dollars for OEM 25G or long-reach modules. Price Ranges by Module Type

1G SFP (1000BASE-SX/LX): Compatible third-party modules typically cost \$5-\$25, while OEM-branded modules from Cisco, HPE, or Juniper can range \$60-\$120+ depending on industrial or extended temperature specifications.

10G SFP+: Short-range compatible modules are generally \$20-\$60, whereas OEM or long-reach LR/ER DFB modules can cost \$100-\$300+.

25G SFP28: Compatible short-range modules can be under \$30 for volume purchases, while OEM or specialized single-mode 25G modules may reach several hundred dollars.

Higher-speed modules (40G QSFP+, 100G QSFP28): Prices increase significantly with speed, reach, and laser type, often ranging from \$100-\$500+ for compatible modules and \$500-\$1000+ for OEM units.

Factors Affecting Prices

Laser Type and Reach: Modules with EML lasers or extended/ultra-long reach (ER4/ZR) are at the higher end of the price spectrum.

Coding and Brand Profile: Modules perfectly coded for Arista, Cisco, or Juniper with DOM/DDM support command a premium.

Volume and Lead Time: Bulk orders reduce per-unit cost, while urgent shipments increase it.

OEM vs Compatible: OEM modules carry a brand premium due to certification, ecosystem compatibility, and bundled support, whereas third-party compatible modules are significantly cheaper while offering similar optical performance.

Logistics and Tariffs: Shipping terms (DDP vs FOB), regional taxes, and customs duties affect landed prices.

Practical Guidance

For short-reach enterprise links, compatible SFPs are cost-effective. For mission-critical or vendor-locked environments, OEM modules ensure full compatibility and support. Always verify coding compatibility, DOM/DDM support, and test reports whe...

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1.25Gbps SFP Bi-Directional Transceiver, 20km LC Reach

1.25Gbps SFP Bi-Directional Transceiver, 20KM Reach The SFP-BIDI transceivers are high-performance, cost-effective modules supporting dual data rates of 1.25Gbps/1.0625Gbps and 20KM

SFF Transceivers Modules Types Prices & Technical Specifications

What is an SFF optical transceiver? An SFF transceiver is a Small Form Factor optical module used for data rates up to 2.5 Gbps in Ethernet, Fibre Channel, and SONET applications.

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

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What Is an SFP and How It Works Explained

For those getting started with SFP's, it is important to understand how frequently SFP modules can be used to bridge communications between devices. From there, it's just a matter of matching the SFP

SFP Module Price: Strategic Cost Analysis and TCO Factors

□ What Is the Real Price Range of SFP Modules? The real price range of SFP modules spans from roughly \$10 for basic 1G third-party copper transceivers to over \$5,000 for carrier-grade 100G OEM

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Why is There Such a Huge Variability in SFP+ Module Prices?

A Cisco SFP+ module, for instance, will typically only function in a Cisco switch; a comparable module from a third-party supplier may not work at all or may void warranties. As a

10G SFP+ Optical Transceivers | Transceiver Module

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SFP Optical Module Specifications: Standards & Performance

This guide dives into the key SFP Optical Module Specifications that engineers, network architects, and procurement professionals rely on when evaluating optical transceivers.

SFP Module Transceivers, Manufacturer & Supplier

YXFiber is China manufacturer & supplier who mainly produces SFP Module, SFP Transceivers, with years of experience. Hope to build business relationship with

Optical Transceiver Module Wholesale, 10g/25g/40g/100g SFP+ Optical ...

Fiber optic module manufacturer, ETU-Link supply full model optical transceivers, including standard 8g/10g/25g/40g/100g sfp+ optical modules and copper RJ45 transceiver, wholesale at factory price!

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

SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules with different reach and compatibility.

SFP Price

1000BASE-SX SFP transceiver module, MMF, 850nm, DOM. 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM. 1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM.

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, advancing at a compound annual

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport

Pluggables, Power, and Geopolitics: Mapping the 800G

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical Transceiver Battle How AI Demand Is Reshaping Market Share, Supply

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