

Price of Enterprise-Grade Optical Router SFP



AI Overview

SFP module prices vary widely: 1G SFPs range from \$5-\$120, 10G SFP+ modules from \$20-\$300, and higher-speed modules like 25G SFP28 or 40G QSFP+ can cost \$50-\$300+, depending on OEM vs compatible brands and reach type.

1G SFP Modules
Compatible/third-party modules: \$5-\$25 per unit for standard short-reach multimode SFPs, suitable for enterprise links.
OEM-branded modules: \$60-\$120+ per unit, especially for industrial or extended temperature specifications.
Examples: Cisco GLC-SX-MM, GLC-LX-SM, or generic equivalents.

10G SFP+ Modules
Compatible modules: \$20-\$60 for short-reach SR modules.
OEM or long-reach modules: \$100-\$300+, including LR, ER, or DFB types.
Use case: Data center uplinks, aggregation ports, or high-speed enterprise connections.

25G and 40G Modules
25G SFP28: Prices have decreased due to multiple compatible suppliers, typically \$50-\$150 for standard modules.
40G QSFP+: Compatible modules often \$100-\$250, OEM modules can exceed \$300 depending on reach and specifications.

Factors Affecting Price
Brand: OEM modules (Cisco, Juniper, HPE) are significantly more expensive than third-party compatible modules.
Reach and type: Short-reach multimode is cheaper; long-reach single-mode or special-spec modules cost more.
Volume: Bulk purchases often reduce per-unit cost.
Warranty and compatibility: OEM modules provide guaranteed compatibility and support, while third-party modules offer cost savings but may require validation.

Practical Guidance
For budget-conscious deployments, third-party compatible SFPs provide substantial savings, often 30-90% cheaper than OEMs. For mission-critical or long-term support, OEM modules may be preferred despite higher cost. Always verify compatibility with your router or switch model before purchasing, especially for high-speed or long-reach applications. By c...

Article Content

OEM SFP Modules Explained: Compatibility, Cost and

Understand OEM SFP modules, pricing, compatibility, lifespan, and differences vs third-party optics. Learn what engineers actually use in networks.

SFP-10G-LR, Cisco SFP+ Module, 10GBASE

Cisco SFP-10G-LR 10GBASE-LR SFP+ ensures 10Gbps over single-mode fiber at 1310nm for long-reach uplinks. Check live price and stock, buy online.

Cisco SFP Enterprise Router Modules, Cards & Adapters for Cisco

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SFP MODULE Price

10GBASE-LR SFP Module, Enterprise-Class. 10GBASE-SR SFP Module, Enterprise-Class. 25GBASE-SR SFP Module. 1000BASE-T SFP (NEBS 3 ESD). Catalyst 4500X 8 Port 10G Network Module.

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

SFP Modules: Types, Selection Guide & Applications

An SFP module is a compact, hot-swappable optical transceiver designed to facilitate data transmission between network devices such as switches, routers, servers, and media converters.

Cisco SFP-25G-SR-S= 25GBASE-SR SFP Module

Cisco SFP-25G-SR-S= Overview The SFP-25G-SR-S= is a high-performance Cisco optical module designed for enterprise network applications. This cutting-edge

Cisco SFP-10G-ER-S= 10GBASE-ER 40km LC SFP

Cisco SFP-10G-ER-S= 10GBASE-ER SFP module delivers 10Gbps over SMF up to 40km via LC interface, ideal for enterprise and metro links. Check live 10G SFP

Ubiquiti EdgeRouter X SFP Router with SFP Fiber Optic

Direct Benefit: The Ubiquiti EdgeRouter X SFP is your direct entry into the fiber optic world, simultaneously powering up to five other devices. It is the ideal Ubiquiti router with SFP for fiber optic

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 value.

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and making enterprise operations far more

Cisco SFP-10G-SR 10GBASE-SR SFP+ Transceiver

The Cisco SFP-10G-SR is an enterprise-class SFP+ transceiver designed for high-density 10GBASE-SR links over multi-mode fiber. Delivering 10 Gbps over MMF

Maximizing Core Network ROI: A Total Cost of Ownership Analysis of ...

Introduction: Beyond the Sticker Price – The Real Economics of 10GbE Routing For senior network architects and infrastructure procurement leaders, the search for a 10GbE enterprise

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FS provides 1.6T OSFP224, free & fast delivery, expert tech support, outstanding warranties.

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

SFP-10G-SR Price

SFP-10G-SR Price - Buy Cisco 10GBASE SFP+ Transceiver from Layer23-Switch. Check today's best price, stock availability, warranty support,

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP

The Huawei SFP-GE-LX-SM1310 is a carrier-grade optical transceiver designed for Gigabit Ethernet over single-mode fiber. Operating at 1.25Gbps with a 1310 nm

Huawei SFP-25G-SR 25GBase-SR SFP28 850nm

Deploy Huawei SFP-25G-SR 25G SFP28 SR multimode transceiver for short-reach 850nm LC links up to 0.1km. Check 25G SFP price, stock and lead time now.

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei 10G SFP module price

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 to choose the best value.

Cisco SFP-10G-SR-S 10GBASE-SR SFP+ Transceiver

Cisco SFP-10G-SR-S Overview Cisco's SFP-10G-SR-S is a cutting-edge optical transceiver module designed to meet the high-speed networking demands of

Contact Us

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