

Price List for SFP Optical Routers for Data Center Interconnection



AI Overview

Enterprise-grade SFP/SFP+ modules for data center interconnect typically range from \$10 to \$300 per module, while high-performance routers with SFP/SFP+ ports vary widely depending on brand, speed, and configuration.

SFP/SFP+ Module Pricing

1G SFP Modules: Generic or compatible modules cost \$5–\$25, while OEM-branded modules (Cisco, HPE, Juniper) range from \$60–\$120+ depending on industrial or extended temperature specifications.

10G SFP+ Modules: Prices typically range from \$10 to \$300, influenced by transmission distance, optical technology, and brand. Short-range (SR) modules are at the lower end, while long-range (LR/ER) single-mode modules are more expensive due to tighter tolerances and higher optical power requirements.

Factors Affecting Price: Brand, warranty, compatibility, transmission distance, and module type (SR, LR, ER, DFB) significantly impact cost. Compatible third-party modules offer cost savings but may have limited vendor support.

Enterprise Router Pricing

High-Performance Data Center Routers: Models like the HPE HSR6800 series support data center interconnection with multi-core distributed processing, forwarding rates up to 420 million packets per second, and switching capacity of 2 Tbps. These routers feature high-density 1GbE and 10GbE ports, MPLS, IPv6, and advanced security protocols.

Port Configurations: Common configurations include 4 x RJ45 + 2 x SFP+ or SFP28+ ports, with speeds ranging from 10 Gbps to over 100 Gbps.

Price Considerations: Enterprise routers vary widely in price depending on brand, throughput, port density, and optional features like PoE, VPN, and encryption. Vendors like Cisco, Juniper, Huawei, and HPE offer competitive pricing with warranty and support options.

Practical Guidance

For short-reach enterprise links, compatible SFP modules provide cost-effective solutions without sa...

Article Content

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

List of the Top 25 Routers for Enterprise in 2026

The HPE HSR6800 Router Series is an advanced collection of high-performance routers designed for a variety of applications, such as data center interconnection and enterprise WAN core functionalities.

Optical Protection Switch

Through the use of transponder and muxponder cards, data rates of up to 25.6 Tbps can be transmitted via one optical fiber for data center coupling. The SPEED

sfp price: Best Deals & Verified Suppliers

Copper SFP+ modules (RJ45) typically cost 40% less than optical variants but have shorter reach. Integration capabilities should support major OEMs like Cisco, Juniper, and Huawei

Price list for SFP fiber optic enterprise routers for data center ...

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

Cisco Optics Modules | Price, Compatibility & Availability

Explore Cisco optics modules for SFP, SFP+, QSFP, QSFP-DD, and high-speed transceiver deployments. Check compatibility, availability, and request pricing.

Data Center Transceivers & Cables

Arista's transceivers and cables offer customers a wide variety of connectivity options over copper or fiber for data center and HPC environments.

10GBASE LR SFP+ Procurement Guide: What's The Price

Learn what affects 10GBASE LR SFP+ prices and how to balance performance, compatibility, and cost when sourcing optical modules for your network.

Optical Transceiver Market Size, Share, Industry Report

The optical transceiver market was estimated at 13.4 billion in 2025 and is expected to grow at a CAGR of 13.5% from 2026 to 2035, due to the 800G and

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

Cisco Optics | Transform Your Network

Pluggable optics enable high data-rate transmission between servers, switches, and routers. Get performance-leading optical transceivers for any network with Cisco

SFP Connectors for Data Transmission | TE Connectivity

Through a design that is backward-compatible to SFP/SFP+/zSFP+ products, the interconnect is hot swappable with existing SFP+ connectors for fast system

1.6T OSFP224 | AI Ethernet Modules

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

800G Client Optics in the Data Center

When hyperscale data center operators start deploying a new generation of client optics, they immediately require massive volumes of optical modules to build out switching fabric and router

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.

Price List for Low-Loss Optical Modules for Data Center Interconnection

Price List for Low-Loss Optical Modules for Data Center Interconnection It includes historical shipment data and forecasts for units, prices, and sales of these products to each of the three main market

Huawei FUSIONMODUL Price

HUAWEI PRICE LIST 2026 The Best Huawei Products Price List Checking Tool
ICT-Router, Switch, Optical Transmission & Access Network Search Price Bulk Search
Cisco HP / HPE Dell Aruba

Best SFP Module Manufacturers 2025 | Price... | ABPTEL

You ask: Which third-party SFP module manufacturer is reliable—and how do I compare price vs. risk without breaking my network? This

Price List for 10G Enterprise-Grade Optical Routers for Data Center ...

The HPE HSR6800 Router Series is an advanced collection of high-performance routers designed for a variety of applications, such as data center interconnection and enterprise WAN core functionalities.

Optical Transceiver Pricing: Cost Ranges by Speed and

This article compares typical cost ranges across speeds and transceiver types, explains why prices vary, and gives practical guidance for choosing the right

The FOA Reference For Fiber Optics

This is one of the reasons that high fiber count cables are used in data centers. Data centers generally use Ethernet, although Fibre Channel (yes, it's spelled "fibre")

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.

SFP Small Form-Factor Pluggable Transceiver: Complete Guide

SFP Small Form-Factor Pluggable Transceivers are compact, hot-pluggable network modules that play a critical role in modern data communication infrastructure. Designed to connect

Transceivers in data center interconnect

In 2022, the demand for cloud services will explode, and the capacity, cost of data center interconnection will become several key points.

Price list for SFP-QSFP28 optical modules for data center interconnection

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

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

Whether you are sourcing optics for a data center, enterprise network, or ISP deployment, understanding the true cost structure behind 10G SFP pricing is the key to making a cost-effective

Contact Us

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