Price list for SFP optical switches for data center interconnection



Overview

Optical Transceiver Pricing: Cost Ranges by Speed and TypeThis article compares typical cost ranges across speeds and transceiver types, explains why price.

Key Takeaways

SFP optical network switches for DCI range from a few hundred to several thousand dollars per port, depending on speed, vendor, and module type.

F

S Data Center SwitchesFS offers a wide range of 10/25/40/100/200/400GbE switches suitable for data center interconnection, including spine, leaf, and top-of-rack configurations. Prices vary based on port density and speed, with high-performance 400G switches for DCI networks typically costing several thousand dollars per switch, while smaller 10G/25G switches may start in the $1,000–$3,000 range per unit.

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S switches support SFP+, QSFP+, and QSFP28 modules, enabling flexible deployment for high-bandwidth interconnects.

Cisco SFP Modules

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Cisco provides a detailed SFP and QSFP module price list for enterprise and data center switches. Examples include: 10GBASE-SR SFP Module: short-range, multimode fiber, typically $100–$150 per module10GBASE-LR SFP Module: long-range, single-mode fiber, around $200–$300 per module40GBASE-LR4 QSFP Module: 10 km single-mode, approximately $1,000–$1,500100GBASE-LR4 QSFP Module: 10 km single-mode, enterprise-class, roughly $2,500–$3,500Copper SFP+ Direct Attach Cables (1–5 meters): $50–$150 depending on length. These prices are indicative and may vary by distributor, volume, and region.

Other Vendors

Fosco / FiberOptics4Sale: Offers managed and unmanaged Layer 2/3 fiber switches with 10G SFP+ modules, suitable for smaller DCI or campus networks. Prices for 10G SFP+ switches typically start around $500–$1,500. Amazon: Provides a range of fiber switches from 1G to 10G and 2.

5G, with prices for entry-level 10G switches starting at $400–$800, while higher-end models can exceed $2,000.

Key Considerations

Port Speed and Density: Higher-speed switches (100G–400G) cost significantly more per port than 10G/25G switches. Transceiver Type: SFP, SFP+, QSFP+, and QSFP28 modules vary in price depending on reach (SR, LR, ER) and fiber type (single-mode vs multimode). Vendor and Warranty: Enterprise-class modules from Cisco or FS are more expensive but offer reliability, support, and compatibility guarantees.

Bulk Orders: Pricing can be reduced significantly for large-scale deployments or pre-configured bundles. For precise pricing, it is recommended to contact vendors directly or check their online configurators, as costs fluctuate with market conditions, module type, and shipping location.

Article Content

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 guidance for choosing the right optics for a given budget and performance

10/25Gb Data Center Switches

FS 10/25G data center switches with high port density 10G optical access and 40g uplinks are best for data center ToR or Spine-Leaf solution, which meet different

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

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FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting transmission distances from 30m to 160km over SMF/MMF

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

Fast, Gigbit, and 10 Gigbit Ethernet Switches with SFP+ Modules

Managed and unmanaged Layer 2 and Layer 3 fiber optic Ethernet switches. With 10G SFP+ fiber optic transceiver modules, they meet your highest bandwidth demand.

Switches up to 40G/100G

This category offers switches of various designs with a maximum data rate of up to 100G. The fiber optic ports are designed as SFP slots, therefore you can connect

SFP Module – Optcore

Optcore offers a vast selection of SFP transceivers at affordable pricing. Therefore, If you are looking for high-performance options such as 1G SFP, 100Base FE SFP, SDH SFP, 3G SFP, or BiDi SFP, we

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.

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 the high-performance connectivity requirements of campus, data center,

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

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

NVLink & NVLink Switch: Fastest HPC Data Center Platform | NVIDIA

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With NVLink Switch, NVLink connections can be extended across nodes to create a seamless, high-bandwidth, multi-node GPU cluster—effectively forming a data-center-sized GPU. NVIDIA NVLink

Approved Networks

Approved Networks is a trusted provider of high-performance optical networking solutions for data centers, enterprises, and service providers. Our transceivers,

SFP+ to RJ45 connection in Data Center

With the help of a 10G-SFP-T Copper transceiver SFP+ to RJ45 connection in a Data Center can be easily realized and transforms a modern 10G SFP+ switch port to an RJ45-compatible

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

Interconnection Options for Gigabit Switches with SFP Ports

The 800 Gigabit OSFP fiber-optic transceiver is an advanced optical component designed for telecom systems and data centers, capable of handling extremely large volumes of data

Switches-H3C

Products Data Center Switches Campus Network Switches AON Network Industrial Switches Data Center Switches Ultra-wideband, simple, and intelligent integration For intelligent ultra-wideband

Transceivers in data center interconnect

What is Data Center Interconnect? As can be seen from the word, DCI refers to the network connection of two or more data centers. However, there are various ways of this connection.

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