SFP optical module product prices

Overview

10G SFP+ Optical Transceivers | Transceiver Module Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 26.

Key Takeaways

SFP optical modules typically range from $5 to several hundred dollars depending on type, speed, distance, and brand.

Price Ranges1

G SF

P Modules: Compatible or generic modules can cost $5–$25, while OEM-branded or industrial-grade modules may range from $60–$120+ depending on specifications and temperature tolerance. 10G SFP+ Modules: Prices generally fall between $10 and $300, with standard short-range (SR) modules at the lower end and long-range (LR, ER) or single-mode modules at the higher end.

High-

Speed or Long-Distance Modules: Modules supporting extended distances (10–80 km) or advanced features like enhanced error correction can cost several hundred dollars due to more sophisticated optical components and stricter testing requirements.

Factors Affecting Price

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Brand: Major vendors like Cisco, Juniper, Arista, and Mellanox charge a premium for guaranteed compatibility, support, and certifications. Module Type: Fiber optic modules are more expensive than copper (RJ45) modules because of the technology required for long-distance transmission. Transmission Distance and Speed: Longer distances and higher speeds increase cost.

S

R modules are cheaper, LR and ER modules cost more due to single-mode optics and tighter tolerances.

Third-

Party vs OEM: Third-party compatible modules are often significantly cheaper while still offering functional compatibility, making them a cost-effective option for many deployments.

Practical Considerations

For data centers or enterprise networks, short-range SR modules are typically the most cost-effective choice. For backbone or long-distance links, LR or ER modules are necessary but come at a higher price. Bulk orders or purchasing from third-party manufacturers can reduce costs, sometimes with additional discounts for orders of 10+ units.

In summary, the price of an SFP optical module depends heavily on speed, distance, brand, and type, with a typical range from $5 for basic 1G compatible modules to several hundred dollars for high-performance 10G+ long-range modules.

Article Content

SFP Module Price: Strategic Cost Analysis and TCO Factors

It also requires demystifying the physical parameters that dictate optical pricing—such as data transmission rates (e.g., 10GBASE-SR vs. 100GBASE-LR4), optical components (VCSEL vs. DFB

SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

This post hence illustrates the SFP module price comparison by researching top competitors'' SFP price of our brand. The author hopes it can help customers to get quick access

SFP Module Types, SFP Transceiver Price List

FS SFP module solutions range from Fast Ethernet to Gigabit Ethernet speeds. fibre and copper SFP transceivers can be selected in connector type, fibre type and protocols to meet your requirements.

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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.

Optical Transceiver Pricing: Cost Ranges by Speed and Type

Branded vendor modules (Cisco/HPE/Juniper) can be priced substantially higher through official channels, while compatible SFPs sold on marketplace and third-party distributor sites commonly

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

Transceivers, optical modules

You can use our optical transceivers as affordable alternative for SFP modules of leading vendors, without quality loss. Our products are covered by full warranty.

Cisco 10GBASE SFP+ Modules Data Sheet

Product overview 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

Gigabit SFP Transceiver 1.25G SMF 20km LC Single Fiber BiDi SFP Optical ...

Product Description This 1.25G BiDi SFP optical module is a hot-pluggable transceiver designed for single-mode single-fiber communication. It adopts a single LC port to transmit and receive signals

SFP+ Transceiver CBO SFP-10G-BX-U 10G | AiO.lv

Short description CBO SFP-10G-BX-U is an SFP+ transceiver module supporting 10 Gbps transmission at 1310 nm wavelength. Designed for single-mode, bidirectional fiber links, it enables compact 10G

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

SFP Module 10G Cisco, Data Rate: 10 Gbps

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Securewell Infratech - Offering SFP Module 10G Cisco, Data Rate: 10 Gbps at ₹ 2000/piece in New Delhi, Delhi. Get SFP Optical Transceiver at lowest price | ID: 2859466400933

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for

SFP transceiver BlueOptics SFP-GLS-W5320-A-BO | AiO.lv

Short description The BlueOptics SFP-GLS-W5320-A-BO is a fiber optic SFP transceiver module with a maximum data transfer rate of 1250 Mbit/s. It features a metal housing, operates at an input voltage

Huawei RRU SFP

Huawei RRU SFP module, optical transmission device, low price around $7, minimum order of 1 unit. Suitable for wholesale, available in bulk, wireless infrastructure equipment.

SFP Optical Transceivers: How Pluggable Optics Are Reshaping

2. What Is an SFP Optical Transceiver? An SFP transceiver is a compact, hot-swappable interface module designed to convert electrical signals from a network switch or router into optical

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SFP Transceiver CBO SFP-1G-LH 1G 1310nm | AiO.lv

CBO SFP-1G-LH is a 1 Gigabit SFP transceiver module designed for single-mode fiber links at a wavelength of 1310 nm. The module provides a compact, hot-pluggable interface compatible with

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