

10G optical module supply price



AI Overview

The cost of a 10G SFP+ optical module typically ranges from \$20 to \$300, depending on type, transmission distance, and brand.

Price Ranges and Categories

Short-Range (SR) Modules: Compatible 10G SR SFP+ modules generally cost \$20–\$60 per unit. These are widely used in data centers for distances up to a few hundred meters and offer the best cost-per-port efficiency.

Long-Range (LR) Modules: Single-mode LR modules, designed for longer distances, typically range from \$100–\$300. Prices are higher due to stricter manufacturing tolerances, higher optical power, and longer transmission capabilities.

Branded OEM Modules: Modules from major vendors like Cisco, HPE, or Juniper can cost multiple times more than compatible alternatives, often exceeding \$300 for LR or specialized modules, due to branding, support contracts, and vendor lock-in.

Factors Affecting Cost

Transmission Distance: Longer distances require higher-quality optics and precise manufacturing, increasing cost.

Optical Technology: Advanced modules, such as tunable DWDM or enhanced monitoring SFP+ modules, offer better wavelength stability, lower bit error rates, and real-time monitoring, which can raise prices.

Brand and Compatibility: Branded modules carry a premium for guaranteed compatibility and support, while third-party compatible modules are more cost-effective but may have limited warranty or vendor support.

Use Case: High-density data centers, enterprise backbones, and metro networks may require higher-quality modules, influencing the price range.

Practical Considerations

For most enterprise and data center deployments, reliable 10G SFP+ modules can be sourced well below the highest listed prices without sacrificing performance. Compatible SR modules are ideal for short-distance links, while LR or DWDM modules are better suited for backbone or long-haul connections. Volume purchases and sourcing from reputable distributors can further reduce costs and ensure timely supply. In summary, when budgeting for 10G optical modules, expect...

Article Content

"Optical Module 10g Price"

Negotiate prices with distributors to obtain affordable deals. Our guide covers OEM and factory options that cater to both large and small-scale needs. Contact us for personalized quotes!

Single Mode 10G SFP+ Module: Price, Types & Buying Guide

Explore single mode 10G SFP+ modules, including LR, ER, and ZR types. Compare prices, distances, and compatibility to choose the right module.

10G SFP+ Optical Module Costs And Technology

The 10G SFP+ tunable DWDM optical module has excellent wavelength stability and supports 100GHz channel operation. It is designed for

How Much Does a 10G SFP+ Optical Module Cost?

Description: Explore Svelol's 10G SFP+ optical modules —engineered for superior speed, reliability, and compatibility. Ideal for data

Huawei OPTICAL TRANSCEIVER Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

Eoptolink: The development history of a domestic optical module giant

After its establishment, Eoptolink will focus its main efforts on the research and development and production of optical modules. An optical module is a core optoelectronic device used in fiber-optic

What is SFP Port? Everything You Need to Know

What is an SFP port? The SFP port also refers to a Small Form-factor Pluggable port. It is a compact mechanical slot that accepts an SFP

10G SFP+ Optical Transceivers | Transceiver Module

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

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Sell Somali 100G Optical Module For Sale in bulk to verified buyers and importers. Connect with businesses actively looking to buy wholesale Somali 100G Optical Module For Sale at best prices.

Industrial Grade Optical Modules Market: \$15.44B by 2025, 11.1% CAGR

Average Selling Price (ASP) of industrial-grade optical modules by data rate (e.g., 10G, 25G) and ruggedization level. Deployment forecasts for military aircraft, drones, missile systems, and

Industrial Grade Optical Modules Market to Reach \$15.44B, 11.1

Industrial Grade Optical Modules are projected to reach \$15.44 billion by 2025, exhibiting an 11.1% CAGR. Growth stems from escalating military, aerospace, and satellite radar application

Optical Modules for 10G: Fast & Reliable

The global market for 10G optical modules remains robust, driven by escalating demands in data centers, enterprise networking, and telecommunications infrastructure.

Alcatel-Lucent (Nokia) 3HE00564CA 01 10GBASE-LR XFP Optical

Collections: 10G Optical Transceivers, Accessories, ALCATEL, Alcatel lucent, Boards & Equipments, NOKIA, Nokia 7750SR series, Nokia optical module, Optical Transceivers, Other Optical

Industrial Grade Optical Modules: 11.1% CAGR & Market Dynamics

Industrial Grade Optical Modules market growth is driven by rising demand in military, aerospace, and satellite radar applications. Projected to reach \$15.44 billion by 2025 with an 11.1%

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and

Understanding High-Speed Transceiver Tests | 100G & 400G Optical ...

Understanding High-Speed Transceiver Tests in Fiber Networks Why Comprehensive Testing Is Essential for Reliable 100G, 200G, 400G, and 800G Optical Networks As network speeds

10G SFP+ Optical Transceivers | Transceiver Modules

Get cost-effective 10G SFP+ transceivers at QSFPTTEK online store for data center and campus 10GbE connectivity. QT SFP+ include 10GBASE-SR/LR/ER/ZR, from 30m to 80km.

Single Mode Optical Modules: Growth & Key Trends to 2033

Analyze the Single Mode Optical Modules market driving demand from telecom and data centers. Projecting 16.2% CAGR to 2033. Access key market dynamics and strategic insights.

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

SFP Module 10G Cisco, Data Rate: 10 Gbps

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

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

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.

Cisco 10GBASE SFP+ Modules Data Sheet

The SFP-10G-BXD-I and SFP-10G-BXU-I SFPs also support Digital Optical Monitoring (DOM) functions according to the industry-standard SFF-8472 Multisource Agreement (MSA).

Contact Us

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