

Prices of Gigabit Optical Modules and Electrical Modules



AI Overview

Gigabit Optical-to-Electrical Modules typically range from \$15 to \$50 per unit, depending on brand, specifications, and purchase volume. Pricing Overview Amazon lists 1.25G optical port to Gigabit electrical port modules compatible with H3C devices, generally priced around \$20-\$40 per module for single units, with potential discounts for bulk orders. OnBuy offers SFP Gigabit electrical port modules for Cisco-compatible devices, with prices in the \$25-\$50 range, depending on the model and shipping options. Made-in-China and Alibaba provide industrial and OEM options, where bulk orders can significantly reduce the per-unit cost, sometimes below \$15 for large quantities, especially for custom or non-branded modules. Factors Affecting Price Brand and Compatibility: Modules compatible with major brands like Cisco, H3C, or Juniper tend to be more expensive. Transmission Distance and Speed: Modules supporting longer distances or higher speeds (e.g., 10 km or 10G) cost more. Bulk Orders: Purchasing in larger quantities often reduces the per-unit price. Industrial vs Consumer Grade: Industrial-grade modules with extended temperature ranges or IP-rated enclosures are priced higher than standard consumer-grade modules. Recommendations For single-unit purchases, online marketplaces like Amazon or OnBuy provide convenient options with immediate shipping. For bulk or OEM needs, suppliers on Alibaba or Made-in-China offer competitive pricing and customization options. Always verify compatibility with your network equipment (SFP slot type, RJ45 interface, and supported speeds) before purchasing. By considering these factors, you can select a module that balances cost, performance, and reliability for your network setup.

Article Content

Comprehensive Guide to Optical Transceiver

Introduction Optical modules are critical components in fiber optic communications, enabling the conversion between electrical and optical signals.

Gigabit SFP modules with fiber optic modes » buy

Find your SFP module from a wide selection of manufacturers including ICPDAS, KORENIX, ORingNet and PLANET. Our SFP modules support various fiber

What is the difference between electrical and optical

Optical modules are essential components in enterprise networking. According to different rates, encapsulation types and interface types, optical

1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for

Ultimate Guide to 1G SFP Module Selection

As Gigabit Ethernet continues to serve as the foundation of enterprise networks, data centers, campus infrastructures, and industrial communication systems, 1G SFP modules remain one of the most

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

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Installation and Maintenance Guide for Gigabit Optical Modules and 10 ...

As an essential component of network communication, optical modules have been widely used in various scenarios such as data centers, enterprise LANs, and WANs. An optical module is

1G SFP Transceivers | Mini-GBIC SFP Modules

Click to get your 1GBE transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

Optical Modules Market Size, Growth Trends & Forecast

These modules serve as critical interfaces between optical fibers and electronic systems, converting electrical signals into optical signals and vice

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Fiber Optic Transceivers | SFP, QSFP & GBIC | High

Shop SFP, QSFP, and GBIC transceivers for Gigabit Ethernet over multimode and singlemode fiber. Hot-pluggable, scalable, and available in industrial and WDM

What factors influence 400G optical transceiver

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and sustainability.

The Evolution of Optical Modules: Powering the Future

Data centers, the beating hearts of this digital revolution, are tasked with processing and moving massive volumes of data at unprecedented speeds.

Differences Between Electrical Port Modules And

An electrical port module, also known as an optical-to-electrical port converter module, is a hot-swappable device with an SFP form factor. It features

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.

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.

Gigabit SFP Module: A Complete Guide to 1G SFP Transceivers

A gigabit SFP module (1G SFP module) is a Small Form-factor Pluggable (SFP) transceiver designed to support 1Gbps Ethernet transmission by converting electrical signals from a network device into

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First, pick up the most relevant optical transceiver

Optical Transceivers | Coherent

Optical Transceivers Get the pluggable module performance you need from the manufacturer of choice for major networking equipment vendors worldwide.

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

1G SFP Optical Transceivers | Transceiver Modules

Store.QSFPTEK 1G SFP transceivers provide wide selection for various Gigabit Ethernet applications, such as 100+ vendors compatibility, copper/fiber, SMF/MMF, 100m to 80km.

SFP transceiver module (SFP & GBIC modules)

SFP's come in a variety of data rates and different fiber coverages. The most used SFPs are the 1.25G Gigabit rate transceiver modules. This section also includes wider old format GBIC only transceivers

Gigabit SFP modules with fiber optic modes » buy

It converts the network device's electrical signals into optical signals (for fiber) or enables the transmission of electrical signals (for copper cabling). Find your SFP

KD — High-Speed Optical Connectivity Semiconductors

KD designs semiconductor ICs for multi-gigabit optical networking over fiber optics. Solutions for automotive, industrial, and consumer connectivity.

Overview of SFP Gigabit Optical Module

The SFP (Small Formfactor Pluggable) gigabit optical module is a critical component in optical communication systems, used to achieve optical-to-electrical conversion. Typically, devices

Optical Transceiver Modules Prices & Specifications

Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Contact Us

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