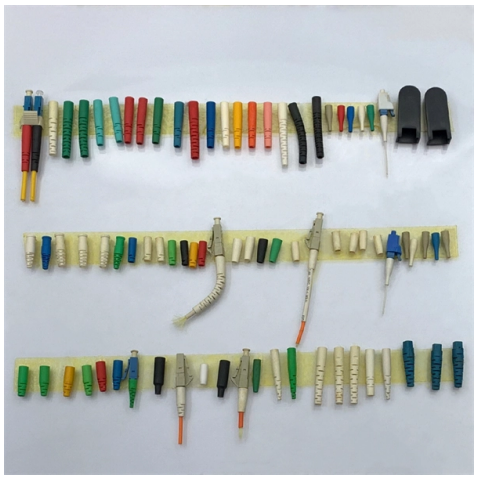
Price of Single-Mode Gigabit Fiber Optic Module



Overview

1G SFP Transceivers | Mini-GBIC SFP Modules Click to get your 1GBE transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterpr.

Key Takeaways

Gigabit Single-Mode SFP modules typically range from $15 to $150 per module, depending on brand, distance, and specifications. Price OverviewEntry-level modules for short distances (up to 10 km, e.g., 1000BASE-LX) generally cost $15–$40 per module on platforms like Amazon and FS. Extended-range modules (up to 40 km, e.g., 1000BASE-EX) are priced around $50–$100 per module.

Long-haul modules (up to 70 km, e.g., 1000BASE-ZX) or industrial-grade SFPs can cost $100–$150 or more, especially for Cisco-branded or temperature-hardened versions.

Factors Affecting Price

Brand and Compatibility: Cisco, Juniper, and other OEM modules are typically more expensive than third-party or generic modules like Intellinet or FS. Transmission Distance: Modules supporting longer distances require higher-quality lasers and optics, increasing cost. Form Factor: Standard SFP modules are cheaper, while SFP+ or industrial-grade SFPs with extended temperature ranges are more expensive.

Network Requirements: Modules with Digital Optical Monitoring (DOM) or hot-swappable features may carry a premium.

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Example Vendors

Amazon: Offers single-mode SFPs compatible with Cisco, Ubiquiti, and other brands, typically starting around $20. FS.com: Provides 1G SFP transceivers with options for distances from 100 m to 160 km, priced $15–$120 depending on range. Intellinet: Offers affordable SFP modules with metal housing and MSA compliance, generally in the $20–$50 range.

Fiber24: Features a wide selection of single-mode SFPs for various speeds and distances, with prices starting around $15. Cisco: OEM modules for Gigabit Ethernet, including 1000BASE-LX, EX, and ZX, range from $80–$150 depending on distance and industrial specifications.

Summary

For most standard Gigabit single-mode applications (up to 10–40 km), you can expect to pay $15–$100 per module. For long-haul or industrial-grade modules, prices can reach $150 or more. Choosing between OEM and third-party modules depends on your network compatibility requirements, budget, and desired reliability.

Article Content

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Cisco SFP Modules for Gigabit Ethernet Applications

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

Amazon : Single Mode Sfp

Discover high-performance single mode SFP modules for your network. Compatible with major brands like Cisco, Ubiquiti, and more.

Industrial Gigabit Fiber SFP Optical Transceiver

Compatibility in your network is everything, and this industrial SFP Transceiver Module delivers. Use it with any Intellinet SFP equipped network switch or any

1000BASE SFP (mini-GBIC) Transceivers

FS Gigabit SFP module solutions provide fibre and copper connections up to 160km, includes 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-EX, 1000BASE-ZX,

Amazon : Sfp Single Mode

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TRENDnet SFP Single-Mode LC Module 4-Pack, TEG-MGBS10/4, For Single Mode Fiber, Distances up to 10km (6.2 Miles), Gigabit SFP, Supports Up to 1.25Gbps, IEEE 802.3z Gigabit Ethernet, Lifetime

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

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco 40GBASE-LR4 QSFP module supports link lengths of up to 10 kilometers over a standard pair of G.652 single-mode fiber with duplex LC connectors. The 40 Gigabit Ethernet

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Type-C Gigabit Fiber Ethernet Network Adapter Gigabit Single Mode Optic ...

Type-C Gigabit Fiber Ethernet Network Adapter Gigabit Single Mode Optic Module NIC RTL8153 Popis : SFP LCx 1 Bus Type: Type-c Transmission Rate: 1000Mbps Chipset: for Realtek RTL8153 LEDs

A Comprehensive Look at the QSFP28-100G-ZR4 Optical Module

The QSFP28-100 Gigabit ZR4 module converts electrical data into optical signals for transmission over Single-mode fiber over long distances, then reconverts the received optical signals

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10 Gigabit Ethernet

A Foundry Networks router with 10 Gigabit Ethernet optical interfaces (XFP transceiver). The yellow cables are single-mode duplex fiber optic connections. There are two basic types of optical fiber used

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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

Secure & Reliable Fiber Optic Connectivity Solutions

Versiton specializes in designing and manufacturing copper-to-fiber connectivity solutions tailored for data, voice, and video applications across diverse industries. Our products are backed by a lifetime

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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