

Price of Gigabit Single-Mode Optical Modules



AI Overview

Gigabit Single-Mode SFP modules typically range from \$15 to \$80 per unit, depending on brand, distance, and features. Price Overview Entry-level modules for short distances (up to 10 km, 1310nm) are generally priced around \$15-\$30 per module, suitable for standard Cisco-compatible or generic SFP transceivers (eBay, Lanshack). Mid-range modules supporting distances of 20-40 km with BiDi or LC Duplex connectors usually cost \$30-\$50 per unit, offering higher performance and compatibility with professional networking equipment. Long-distance modules capable of 80-160 km or more, often with specialized wavelengths (1310/1550nm) and hot-pluggable features, can range from \$50-\$80 or higher, depending on vendor and brand (FS, QSFPTEK). Factors Affecting Price Brand and Compatibility: Cisco, Ubiquiti, and other major brands tend to be more expensive than generic or third-party modules. Distance Support: Modules designed for longer distances (40 km, 80 km, 160 km) cost more due to higher-quality optics and signal amplification. Connector Type: LC Duplex, LC Simplex, and BiDi modules may have different pricing based on design and application. Wavelength: Standard 1310nm modules are cheaper, while dual-wavelength or 1550nm modules for long-haul applications are more expensive. Purchasing Options FS.com offers a wide range of 1G SFP modules with distances from 100m to 160 km and a 30-day return policy. eBay and Amazon provide both new and used modules, often with free shipping and competitive pricing. Lanshack and QSFPTEK specialize in professional-grade modules compatible with Cisco and other enterprise devices, suitable for network upgrades and long-distance applications. In summary, the typical price range for Gigabit Single-Mode SFP modules is \$15-\$80, with higher prices reflecting longer distance capabilities, brand...

Article Content

Gigabit Ethernet

Gigabit Ethernet was the next iteration, increasing the speed to 1000 Mbit/s. The initial standard for Gigabit Ethernet was produced by the IEEE in June 1998 as

Arista Networks QDD-200G-2LR4 QSFP-DD 200GBASE-LR8 Singlemode

This preselection of the world's best components for optical transceiver modules leads to an above-average service life of all QDD-200G-2LR4 compatible BlueOptics 200GBASE-LR8 CS QSFP-DD of

Ortronics Cisco SFP+ Module

Ortronics Cisco SFP+ Module - For Optical Network, Data Networking - 1 x LC Duplex 10GBase-BX Network - Optical Fiber - Single-mode - 10 Gigabit Ethernet - 10GBase-BX - 10 Gbit/s -

CablesOnDemand : Buy Cables Direct from Amphenol

Amphenol SF-QXP29B410D-000 QSFP28 (100G) 100GBASE-LR4 Transceiver (Long Range 10km) Single-Mode Optical Module (Duplex LC Connector) by Amphenol XGIGA [QXP29B4-10D-4]

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Fiberhome ol100cl-04 optical transceiver module | gigabit single-mode ...

Here's the key takeaway: the ol100cl-04 is a gigabit sfp optical module, originally manufactured by fiberhome communication technology co., ltd. it supports a 1.25gbps rate, single

Gigabit Fiber SFP Optical Transceiver Module

The new Intellinet Network Solutions Small Form Factor Pluggable (SFP) Transceiver provides the best combination of performance and affordability. This mini-GBIC (Gigabit Interface Converter) module

XGSPON ONU SFP+ 1270nm-TX/1577nm-RX 9.953G-TX/9.953G-RX

Overview The XGS-SFP-ONT-MAC-I is a high-performance optical transceiver module designed for 10-Gigabit-capable passive optical network (XGS-PON) deployments. It functions as an integrated

angola-gigabit-industrial-optical-modules Manufacturer/Producer

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Optical Transceiver Pricing: Cost Ranges by Speed and Type

Why prices vary so widely — four driving factors 1. Technology complexity and components. Single-mode DFB lasers, coherent optics and tunable DWDM components are costly to design and

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.

Contact Us

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