

How much does a 10G optical module with a range of 40km cost



Overview

The average 10G SFP price typically falls between \$10 and \$300, depending on the module type, transmission distance, and brand. For most standard enterprise and data center deployments, the practical buying range is much narrower—and far more predictable—than many price lists. The price of a 10G SFP+ module typically ranges from low double digits to several hundred dollars, and in some cases even higher. If you search for “ 10g sfp. As network technology advances rapidly, 10G networks are becoming mainstream. 10G optical modules play a critical role in enabling high-speed fiber optic transmission. Svelol's 10G SFP+ optical modules incorporate the latest optical chip and packaging technology to deliver lower power consumption. ETU-Link 10G SFP+ optical modules use the latest mainstream optical chip technology and packaging technology to achieve lower power consumption and lower bit error rates. Excellent Performance Builds the Foundation for Cost Advantage ETU-Link continues to deepen its roots in the field of optical. This Generic SFP-10G-ER1310 compatible SFP+ transceiver supports 10GBASE-ER1310 and 10GBase-EW1310 throughput up to 40km over single-mode fiber (SMF). Following various industry standards, the transceiver complies with SFP+. 10G optics remain a staple in data-center uplinks. Compatible 10G SR SFP+ modules often sell for tens of dollars, while genuine OEM modules or long-reach (LR, ER) DFB parts push into the hundreds.

Article Content

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

If you're planning a network upgrade or building a new system, consider Svelol's 10G SFP+ optical modules. Experience the blend of high

Optical Modules for Huawei S Series Switches

Compared with other optical modules, 10GBASE-LRM optical modules have lower cost, lower power, smaller size and provide universal multimode ports. The maximum transmission distance of a

10G Optical Transceiver SFP+ Singlemode Module 1310nm 10km Lc

Upgrade networks with our optical transceiver sfp+ 10g single mode module 1310nm 10km Lc. This LC transceiver delivers effortless 10km connectivity for data centers and servers.

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

SFP-10G-ER 1550nm 40km DDM Optical Transceiver

The original module is reliable but the price is too high, compatible module is cost-effective, comparable to the original module. Different users need to make

400G Optical Modules Explained: SR4 Vs. DR4 Vs. FR4

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

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

Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

SFP Module Introduction: SFP meaning, Fiber SFP and

SFP module is the core part of the optical fiber communication networks. This post will introduce everything you should know about SFP transceivers, including what

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.

SFP Optical Transceiver | SFP Optical Module | Perle

Perle SFP Optical Transceivers are hot-swappable, compact media connectors that provide instant fiber connectivity for your networking gear. They are a cost

Explanation of Optical Module Parameters

Considering that some newcomers to optical modules may not understand the letters on the optical module or the specific meanings of the parameters on the optical module, the following is

10G SFP+ ER 1310nm 40KM

The STC-10G-ER is an extended reach 10G SFP+ optical transceiver designed for long-distance single-mode fiber (SMF) applications. Operating at a wavelength of 1310nm, this high-performance module

10G SFP+ ER SMF 1310nm 40km Transceiver Module

Buy 10Gb/s SFP+ ER SMF 1310nm 40km Optical Transceiver Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.

Fiber Optic Patch Cables: The Complete 2026 Buyer's Guide

Confused by LC, SC, MPO, UPC, and APC? This complete fiber optic patch cable guide covers connector types, single-mode vs multimode, insertion loss specs, and how to choose the right

SFP-10G-ER Explained: Powering 40km 10Gbps Optical

This comprehensive guide dives deep into the SFP-10G-ER optical transceiver module. Learn its technical specifications, key applications,

10G SFP+ DWDM 40km/70km/80km Optical Module

The series uses 1 pair of singlemode fibers for transmission, C-band 100GHz/50GHz multiple operating wavelength options, distances up to 40km, 70km or 80km, and

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

OSFP vs. QSFP vs. SFP: Which Is Right for You?

Confused about the differences between OSFP, QSFP, and SFP? This guide explains their distinct features, applications, and helps you choose the

Ultimate Guide to 1G SFP Module Selection

Learn how to choose the right 1G SFP module for your network. Our guide covers compatibility, distance, fiber type, cost, and vendor selection for optimal performance.

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

10G Optical Modules: Short-Range vs. Long-Range Comparison Guide

Understand short-range and long-range 10G optical modules in terms of distance, budget, energy use, and scalability to make the right choice.

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

A gigabit SFP module is a hot-pluggable transceiver designed to deliver 1Gbps Ethernet connectivity over fiber or copper, and it remains one of the most widely deployed networking components in

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.buglerdental.co.za>

Email: sales@buglerdental.co.za

Phone: +27 71 549 2836

Address: 22 Impala Crescent, Waterfall Business Estate, Midrand, 1685, South Africa

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