

Prices of 10G and 10Ge Optical Modules



AI Overview

The price of a 10G optical module typically ranges from \$10 to \$300, depending on type, distance, and brand. Price Range and Factors The cost of a 10G SFP+ module varies widely: Short-Range (SR) Multimode Modules: Usually at the lower end of the price spectrum, around \$10-\$50, suitable for distances up to 300 meters using multimode fiber. Long-Range (LR) Single-Mode Modules: Priced higher, often \$100-\$300, supporting distances up to 10 km with single-mode fiber. Brand Influence: Modules from major vendors like Cisco, HP, or Brocade are often more expensive due to branding, support contracts, and vendor lock-in, even if functionally similar to compatible third-party modules. Transmission Distance and Optical Technology: Longer distances and higher optical power requirements increase cost. LR modules require tighter manufacturing tolerances, contributing to higher prices. Practical Considerations Compatibility: Ensure the module matches your switch or router specifications. Compatible modules can offer significant savings without sacrificing performance. Power Consumption: Most 10G SFP+ modules consume less than 800 mW, but this can vary slightly by model. Use Case: Data center deployments often favor SR modules for cost efficiency, while backbone or enterprise links may require LR modules for longer distances. In summary, for a standard 10G optical module, you can expect to pay \$10-\$50 for SR multimode modules and \$100-\$300 for LR single-mode modules, with branded options potentially costing more. Choosing the right module depends on your network distance requirements, compatibility, and budget.



Article Content

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

Huawei 02312R Price

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

Optical Access Architecture Reference Document: Huawei vs ZTE

upgrade strategies. The MA5801-FL16 model, for instance, provides 16 Flex-PON ports that can work with different optical modules to implement hybrid access of GPON, XGS-PON, and GPON Combo .

Cisco 10 Gigabit Modules

Cisco currently supports many different port types where each one is optimized for the reach and transmission media demanded by a particular 10 Gigabit

6X 10G SFP+ Module 10GbE Copper SFP Modules Optical Port Turn

Descriere 6X 10G SFP+ Module 10GbE Copper SFP Modules Optical Port Turn to RJ45 Ethernet Port Gigabit 1000M Transceiver Module 10G Transmission Distance: 30 Meters Attention: 10G SFP+

10GBASE-LR SFP+ | From €12 | EDGE Optical Solutions

The EDGEOPTIC 10G-SFP-10 is a multi-vendor compatible 10GBASE-LR SFP+ transceiver for 10km single-mode fiber connectivity at 1310nm. With a 6dB

SFP+ Optical Transceiver Modules (10G-SR/LR)

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

This guide is designed to solve those problems. Instead of focusing on specifications alone, it breaks down real 10G SFP price ranges, explains which factors genuinely affect cost, and shows how to

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei 10G SFP module price

10GBASE-LR SFP+ | From €12 | EDGE Optical Solutions

Does this module work in Cisco, Juniper, Aruba, or other vendor equipment? The 10G-SFP-10 can be EEPROM-coded for 80+ equipment brands. Each vendor

10G SFP+ Optical Transceivers | Transceiver Modules

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

Huawei S220-24T4X 24 Port Managed Switch

Buy original Huawei eKit S220-24T4X 24-Port Gigabit Web-Managed Switch in Myanmar. Features 4x 10GE SFP+ uplink ports & 128 Gbps fabric. Best price in Yangon.

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.

Juniper EX-SFP-10GE-SR 10G SFP+ SR 850nm 300m

Deploy Juniper EX-SFP-10GE-SR 10G SFP+ SR optics for reliable 850nm MMF links up to 300m on EX Series switches. Optimize 10GE access and

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

StarTech Cisco SFP-10G-LR Compatible SFP+ Module

Wavelength: 1310nm StarTech Cisco SFP-10G-LR Compatible SFP+ Module - 10GBASE-LR - 10GbE SMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - L \$323.36 Sold Out Description

StarTech Cisco SFP-10G-SR Compatible SFP+ Module

StarTech Cisco SFP-10G-SR Compatible SFP+ Module - 10GBASE-SR - 10GbE Multimode Fiber MMF Optic Transceiver - 10GbE SFP+ - LC 300m - 850nm - DDM Cisco Firepower, ASR9000, C9300

10GBASE-SR SFP+ Multi-Rate €7.90 | EDGE Optical Solutions

10GBASE-SR SFP+ 850nm VCSEL, 300m OM3 / 400m OM4 or OM5. Multi-rate covers GbE, 10GE, 1G to 10G FC, STM-64. EU stock, lifetime warranty. From €7.90.

10G SFP+ Transceiver Modules& 10Gbase-T | FiberMall

10G SFP+ transceivers are available in many different transmitting and receiving types. Users can select the appropriate transceiver for each link to provide the

10GbE SFP+ Transceiver Modules

FS 10G SFP+ transceiver module solutions provide a wide variety of reliable 10 Gigabit Ethernet connectivity options for data centre, enterprise, and service

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

The price of a 10G SFP+ module typically ranges from low double digits to several hundred dollars, and in some cases even higher. This wide gap is not random—it is mainly driven by transmission

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.

HPE Aruba Networking 3810M/2930M 4-Port 100M/1G/10G SFP+ MACsec Module

HPE Aruba Networking 3810M/2930M 4-Port 100M/1G/10G SFP+ MACsec Module (0)
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