

Cost of an industrial-grade 10G optical module



Article Overview

Industrial-grade 10G SFP+ optical modules typically range from \$100 to \$500 per unit, depending on type, brand, and transmission distance.

Price Overview

The cost of 10G SFP+ modules varies widely based on module type, transmission distance, brand, and industrial specifications. Standard enterprise modules can range from \$10 to \$300, while industrial-grade modules designed for extreme temperatures (-40°C to 85°C) or long-reach applications often fall between \$100 and \$500 per unit . Branded modules from vendors like Cisco are generally priced higher due to verified quality, warranty, and vendor support .

Industrial-Grade Options

- Cisco SFP-10G-ER-I: Designed for industrial environments, suitable for fiber uplinks, switch-to-switch connections, and data center interconnects. Pricing is vendor-dependent and requires a quote based on quantity, delivery country, and project context .
- 10G SFP+ SR Industrial Modules: 850nm VCSEL modules supporting up to 300m over multimode fiber, available in industrial temperature ranges (-40°C to 85°C). These modules are suitable for harsh environments and high-density applications .

Factors Affecting Price...

Article Content

Feb 07, 2026

10G SFP+ Optical Module Costs And Technology

The 10G SFP+ tunable DWDM optical module has excellent wavelength stability and supports 100GHz channel

Sep 05, 2025

Single Mode 10G SFP+ Module: Price, Types & Buying Guide

A single mode 10G SFP+ module is the most practical choice when you need stable, long-distance 10G fiber connectivity without

Aug 23, 2025

10GB SFP Module Guide: Types, Specs, and How to Choose

Understanding the differences between these module types is essential for designing a stable, cost-efficient, and scalable 10G

May 21, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

Cisco SFP-10G-SR-X module The Cisco SFP-10G-SR-X is a multirate* 10GBASE-SR, 10GBASE-SW and

May 23, 2026

10G SFP+ Transceivers - High-Performance Compatible Fiber Modules

10G SFP+ LINK-PP - Lan Transformer - Modular Jack Link-PP 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit

Nov 11, 2025

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

Svelol's 10G SFP+ optical modules incorporate the latest optical chip and packaging technology to deliver lower power consumption

Apr 22, 2026

10G SFP+ Optical Module Costs And Technology

ETU-Link 10G SFP+ optical modules use the latest mainstream optical chip technology and packaging technology to

May 25, 2026

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

The 10G module has undergone development from 300Pin, XENPAK, X2, to XFP, and finally realized the transmission of 10G

Oct 10, 2025

10GBASE LR SFP+ Procurement Guide: What's The Price

As a general range, the cost can span from approximately \$30 to \$100 or more per module. Costs can vary widely depending on

Apr 28, 2026

10G SFP+ Transceiver Module, 300M, 2Km, 10Km, 40Km, 120Km,

10G SFP+ Module 10G SFP+ Transceiver (enhanced SFP, also known as SFP Plus) is a next-generation optical module specified by

Jun 10, 2026

10G BIDI SFP+ Optical Transceiver Modules | FiberMall

The most obvious advantage of a 10G BIDI SFP+ optical module is to reduce the cost of optical fiber cabling infrastructure. The 10G

Jan 14, 2026

10G SFP+ Optical Transceivers | Transceiver Module

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by

Nov 16, 2025

How to Choose the Right 10G Optical Module?

In high-speed networking environments, the 10G optical module has long become a foundational component.

Sep 03, 2025

Industrial Grade 10GBase-SR SFP+ Transceiver, 10G 850nm MMF

Industrial Grade (Operating Temperature: -40°C to 80°C) 10GBASE-SR SFP+ to LC Optical 10 Gigabit Ethernet Fiber transceiver

Sep 16, 2025

The Essential Guide to SFP-10G-LR Optical Transceivers

Lower Power Consumption: Compared to earlier 10G modules or those designed for longer reaches, SFP-10G-LR

Jan 15, 2026

SFP-10G-LR, Cisco SFP+ Module, 10GBASE-LR/SMF/1310nm

Delivers carrier-grade 10G access and aggregation links up to 10 km, helping operators standardize optics and reduce truck-roll

Nov 12, 2025

Optical Transceiver Pricing: Cost Ranges by Speed and Type

10G optics remain a staple in data-center uplinks. Compatible 10G SR SFP+ modules often sell for tens of dollars, while genuine

May 27, 2026

Industrial Grade Optical Modules Market: \$15.44B by 2025, 11.1% CAGR

Average Selling Price (ASP) of industrial-grade optical modules by data rate (e.g., 10G, 25G) and ruggedization level.

Aug 07, 2025

SFP-10G SERIES INDUSTRIAL 10GB ETHERNET SFP+ MODULES

The AMG SFP-10G series are industrial high speed 10Gb Ethernet SFP's offering support for multiple cable types including copper

Mar 15, 2026

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

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR)

Apr 28, 2026

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

GIGALIGHT's 10G SFP+ DWDM optical transceiver modules for metro telecom, 5G pre-transmission or LTE pre-transmission are

May 30, 2026

Inventory Of 10G Optical Modules

SFP+ optical modules are widely used in 10G Ethernet due to their advantages of compact size, low cost and high

Feb 08, 2026

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

Jan 09, 2026

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

Jan 27, 2026

Industrial Grade Optical Modules Market: \$15.44B by 2025, 11.1% CAGR

Industrial Grade Optical Modules Market: \$15.44B by 2025, 11.1% CAGR Industrial Grade Optical Modules by Application

Apr 29, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit

Feb 19, 2026

SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules

Apr 14, 2026

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

Aug 02, 2025

100G Optical Module Market Research Report 2034

100G Optical Module market valued at \$7.65B in 2025, projected to reach \$15B by 2034, growing at 7.8% CAGR through enhanced

Apr 24, 2026

10G SFP+ SR Transceiver Price, Specs & Buying Guide

Explore 10G SFP+ SR transceiver prices, key specs, compatibility, and buying tips. Learn how to choose cost-effective 10G SR

Mar 11, 2026

What Is 10GBASE-LR? SMF 1310nm 10km SFP+ Explained

A practical, engineer-grade guide to 10GBASE-LR: what it is, 1310nm single-mode SFP+ specs, optical budget examples,

Dec 16, 2025

Cisco SFP-10G-LR10-I 10GBASE-LR SFP+ Industrial Transceiver

QSFPTEK manufactured 10GBASE-LR SFP+ transceiver module is compliant with SFP+ MSA, IEEE 802.3ae, SFF-8472. Besides,

Jun 27, 2026

Industrial Grade Optical Modules Market Outlook 2026-2034

Global Industrial Grade Optical Modules market was valued at USD 1.85 billion in 2025, projected to reach USD 3.47

May 04, 2026

SFP-10G-LR vs SFP-10G-SR: Choosing the Best 10G Module 2026

Compare SFP-10G-LR and SFP-10G-SR to find the best 10G module for speed, distance, and performance in 2026.

Contact Us

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

Website: <https://chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

