

Price of QSFP 100G Optical Module



Summary of Content

100G QSFP28 optical modules typically range from \$35 for short-reach SR4 modules to several hundred dollars for long-reach LR4, ER4, or ZR4 modules, depending on vendor and specifications.

Typical Pricing

- Short-reach (SR4) modules: Around \$35 per module, which equates to approximately \$0.35 per Gbps .
- Long-reach (LR4) modules: OEM versions can cost significantly more, often several times the price of compatible third-party modules, due to branding, support, and platform coding .
- Extended reach (ER4/ZR4) modules: Prices can range from \$200 to \$500 or more, depending on fiber type, distance, and vendor .

Factors Affecting Cost

- Engineering and Development: Costs include design verification, reliability testing, and qualification tests such as temperature cycling, moisture resistance, and shock testing .
- Bill of Materials (BOM): Chipsets, optical components, mechanical casing, and other materials contribute significantly to the module cost .
- Production and Manufacturing: Labor, equipment, assembly, and testing impact pricing, with high yield rates helping reduce costs .

Article Content

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

The OEM quoted \$2,200 per module, resulting in a total optics cost of \$1,760,000. A third-party supplier offered

Cisco 100G Optical Modules Price

Cisco 100G Optical Modules To meet ever growing bandwidth requirements of service provider and data center networks, 100

SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

This post offers quick access to the SFP module price list by researching top vendors. SFP modules have been in

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module Price

Get Optical Transceiver Modules at Best Price, Cisco and HUAWEI SFP Module, 10G SFP+ Module, 25G SFP Module, 40g QSFP

100GBASE QSFP-100G Modules Data Sheet

Cisco QSFP to QSFP copper direct-attach 100GBASE-CR4 cables (Figure 3) are suitable

100G QSFP28 Optical Transceiver Modules | FiberMall

FiberMall offers 100G QSFP28 Optical Transceiver Modules provides 100 Gigabit Ethernet connectivity for up to 100km transmission

Cisco QSFP-100G-LR-S 100GBase Optical LC QSFP Transceiver

Find many great new & used options and get the best deals for Cisco QSFP-100G-LR-S 100GBase Optical LC QSFP Transceiver

Cisco QSFP-100G-ZR4-S Pluggable Transceiver At-a-Glance

The Cisco QSFP-100G-ZR4-S solution operates with relatively low power and the modules fit into standard QSFP28

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

First, third-party SR4 modules can cost less than an upscale dinner, even though they deliver 100G connectivity.

100G QSFP28 Transceivers: Types, Specs and How to Choose

A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for

QSFP-100G Price

100GBASE QSFP Active Optical Cable, 10m. 100GBASE SR4 QSFP Transceiver, MPO, 100m over OM4 MMF. 100GBASE QSFP

4Pack 100G SR QSFP28 Multimode Module 100GBASE-SR4 850nm

4Pack 100G SR QSFP28 Multimode Module 100GBASE-SR4 850nm 100m DOM MPO-12/UPC MMF Optical

100G QSFP28 DR Single Lambda Optical Transceiver Module

100G QSFP28 DR Single Lambda is a transceiver module designed for 500m optical communication applications. The module

100G QSFP28 Optical Transceivers | Transceiver Modules

Cisco QSFP-100G-LR4-S Compatible 100GBASE-LR4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 10km, LC, DDM) Cisco

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year

100G QSFP28 Optical Transceivers | Transceiver Modules

Buy online compatible 100G QSFP28 transceivers at QSPTEK for high-performance 100GbE connectivity. QT QSFP28 includes

Cisco 100GBASE QSFP-100G Modules Data Sheet

Cisco QSFP-100G-SR4-S The Cisco 100GBASE-SR4-S QSFP Module supports link lengths of up to 70m over OM3 and 100m over

100G/400G Optical Transceiver Modules

Cisco QSFP-100G-LR4-S Compatible 100GBASE-LR4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 10km, LC, DDM) Cisco

QSPTEK Online Store for Optical Transceivers

The official store for QSPTEK. We provide compatible optical modules with online shopping function.

100G QSFP28 Module Cost: Pricing Guide & Factors | Vitex

Discover 100G QSFP28 module pricing. Learn key cost factors, considerations, and real examples to make informed

SpeedyFiberTX 1-Pack QSFP28 100GBASE-SR4 850nm 100m MPO

High-speed electrical interface compliant to IEEE 802.3bm 100GBASE-SR4 and CAUI-4 standards | Compatible for Cisco QSFP

100G/400G Optical Transceiver Modules

Buy 100G and 400G fiber optic transceivers for high-speed, high-density and high-capacity data center solutions at QSFPTEK online

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