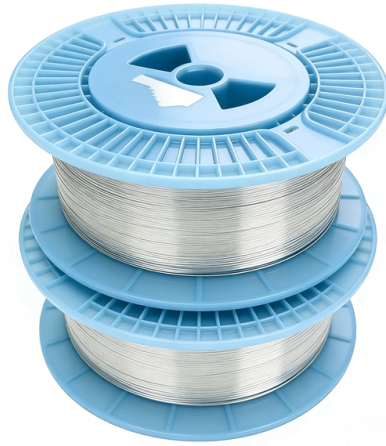


Cost LPO optical module QSFP28



Article Overview

The cost of LPO QSFP28 optical modules typically ranges from \$200 to \$800 per unit, depending on type, distance, and vendor.

Pricing Overview

LPO QSFP28 modules, used for 100G Ethernet connectivity, vary in price based on optical technology, reach, and quality. Short-reach multimode modules (SR4) are generally less expensive, while long-reach single-mode modules (LR4, ER4, ZR4) can cost significantly more due to higher-grade lasers and precision optics ().

- Short-reach (100m-150m, SR4): \$200-\$350 per module
- Medium-reach (2km-10km, LR4): \$400-\$600 per module
- Long-reach (40km-80km, ER4/ZR4): \$600-\$800+ per module

Factors Affecting Cost

- Engineering and Testing: Modules undergo Design Verification Tests (DVT) and Qualification Tests to ensure performance and reliability, which adds to the cost ().
- Bill of Materials (BOM): High-quality chipsets, lasers, optical mux/demux, and mechanical components influence pricing ().
- Production and Assembly: Labor, equipment, and testing resources contribute to the final cost ().
- Vendor and Brand: OEM modules from Cisco, Juniper, or Arista are typically more expensive than third-party or compatible modules ().

Article Content

QSFPTEK 100Gbase-LR4 QSFP28 Transceiver, 100Gb Ethernet LC

100G Ethernet Module: 100G Gigabit Singlemode optical transceiver compatible for Cisco QSFP-100G-LR4-S, Palo

100G QSFP28

100G optical modules are becoming more and more widely used in enterprise data centers. With the

QSFP28, SFP28 AND QSFP+ OVERVIEW

GREY QSFP28 TRANSCEIVERS Dist: Typical distance, normally based on dispersion properties.

100G QSFP28 Optical Transceivers | Transceiver Modules

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

QSFP+/QSFP28 Loopback Modules

Our QSFP+ / QSFP28 Loopbacks are self-contained, plug-and-play devices; offering compatibility with

Introducing Linear Pluggable Optics (LPO)

Linear Pluggable Optics (LPO) are a new optical transceiver technology. The idea is simple:

LPO optical module

From a cost point of view, in 400G optical modules, DSP costs account for about 20-40% of the total cost of optical

QSFP28 Loopback Modules (100G)

Our QSFP28 100G Loopbacks feature over 15 power (TDP) and attenuation options to duplicate the operational characteristics of

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

The price of a QSFP28 module depends on the module type, reach, coding, temperature grade, warranty, order

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

100G QSFP28 Optical Transceivers | Transceiver Modules

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

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

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

100GBASE-LR4 QSFP28 10km SMF | €172 | EDGE Optical Solutions

100GBASE-LR4 QSFP28 transceiver, 10 km SMF, 4 LAN WDM, 6.3 dB link budget. Dual-rate LR4/OTU4 (112 Gbps). EU stock +

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified,

Selecting the Right QSFP28 Module

With so many different QSFP28 optical transceiver modules available for 100G connections, it can sometimes be

QSFP28 Optical Transceiver Modules (100G-SR/LR)

Our QSFP28-SR Multi-Mode-Fiber (MMF) Optical Modules integrate a 12-lane MTP/MPO fiber receptacle (port) for 100G Ethernet

100G QSFP28 Transceivers with 100% In-house Tested for Compatibility

100G SR4 optical module, the first choice for multi-mode short distance transmission, can provide 100m transmission distance on

SFP28 • QFSP28 Optical Modules for Sale | Cables on Demand

SFP28 • QFSP28 Optical Modules Amphenol 25G SFP28 Optical Transceiver Modules and 100G QSFP28 Optical Transceiver

100G QSFP28 Single Lambda

Eoptolink's EOLQ-131HG-O-02 QSFP28 FR 100G Optical transceiver module are designed for use in 100 Gigabit Ethernet links over

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

QSFP28-Preisliste 2026: Kosten und Gesamtbetriebskosten von 100G ...

Reale QSFP28-Preise für 2026: Kosten für SR4, LR4, CWDM4 und Single-Lambda. Vergleich von OEM und

100G QSFP28 Optical Transceiver Modules | FiberMall

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

What is QSFP28 optical module and how it works

The full name of QSFP28 optical module is 100G optical module, which is one of the popular and mainstream 100G

100G Fiber Optic Transceivers — QSFP28

100G QSFP28-PSM4 is a Four-Channel, Pluggable, Parallel, Fiber-Optic QSFP28 Transceiver for 100G Ethernet

LPO Optical Module Market Trends | Competitive Analysis 2035

The LPO Optical Module Market is expected to grow from 2,690 USD Million in 2025 to 5.2 USD Billion by 2035. The LPO Optical

Contact Us

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