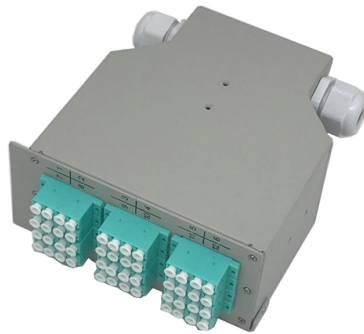


QSFP optical module QSFP FOB price



Overview

40G QSFP+ Transceiver Modules | Optical Transceivers FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80k.

Key Takeaways

QSFP optical module prices vary widely by type, speed, and vendor, ranging from under \$200 for short-reach 40G modules to over \$130,000 for high-end 400G/800G long-haul modules. Price Ranges by Module Type 40G QSFP+: Short-reach modules (up to 150m) are typically the most affordable, often priced under a few hundred dollars per module from third-party vendors, while longer-reach modules (up to 80km) cost more depending on optical technology and vendor. 100G QSFP28: Prices depend on engineering, production, and business factors.

Third-party modules can be significantly cheaper than OEMs, with costs influenced by design verification, reliability testing, and production overhead. 400G QSFP-DD: Short-reach SR8 modules for in-rack connections cost \$1,400–\$1,800 from reputable third-party vendors, while long-haul coherent ZR+ modules can exceed \$130,000 from OEMs. DR4 and FR4 modules fall in between, offering moderate pricing for cross-row or campus links.

800G QSFP-DD: Pricing is still stabilizing. Third-party modules are generally 60–70% of OEM list prices, with OEM modules preferred for critical workloads due to firmware and DOM compatibility.



Factors Affecting QSFP FOB Pricing

Transmission Distance and Type: Short-reach modules (SR) are cheaper, while long-haul (LR, ZR, ZR+) modules are significantly more expensive. **Vendor Type:** OEM modules are costlier, whereas third-party vendors like QSPTEK offer up to 90% savings compared to OEMs without compromising quality. **Module Speed and Generation:** Higher-speed modules (400G, 800G) and newer generations (QSFP-DD, QSFP56) command higher prices.

Volume and Procurement Strategy: Bulk purchases and established vendor relationships can reduce FOB costs. **Additional Features:** Digital Optical Monitoring (DOM), firmware compatibility, and testing certifications (CE, FCC, RoHS, ISO9001) can influence pricing.

Summary

For budgeting purposes, short-reach 40G-100G modules can be acquired for a few hundred dollars per unit, 400G SR8 modules cost around \$1,400-\$1,800, and high-end 400G/800G long-haul modules can reach six figures. Third-party vendors provide substantial cost savings while maintaining compatibility and quality, making them a viable option for most data center deployments. When planning purchases, consider module type, reach, vendor, and volume to estimate FOB costs accurately.

Article Content

40G QSFP+ Transceiver Modules | Optical Transceivers

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications.

QSPTEK Transceiver Best Deals and Price List

QSPTEK is a one-stop optical transceiver manufacturer and seller. We provide 1G to 400G optics with a vast selection of compatibility and models. Our compatible modules are affordable

100G QSFP28 Transceiver Modules | Optical

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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 quantity, and supplier. Compatible QSFP28 SR4 modules can start around \$35.

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

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100GBASE QSFP-100G Modules Data Sheet

QSFP-100G Optical modules Features and benefits of Cisco QSFP modules Hot-swappable input/output device that plugs into a 100G Gigabit

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

OCS OCS Optical AI and Data Center Networking 200G QSFP-DD/QSFP56 400G QSFP-DD/OSFP/QSFP112 800G QSFP-DD/OSFP 1.6T OSFP-XD

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

Cisco 40GBASE QSFP Modules Data Sheet

QSFP-40G-SR4-S does not support FCoE. Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser

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Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module format used for

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

