

Price of a 40G Optical Module



Article Overview

The price of 40G QSFP+ optical modules ranges from approximately \$40 for compatible short-reach SR4 modules to over \$1,000 for branded long-reach LR4 or specialized modules.

Price Ranges by Module Type

- 40G SR4 (Short-Reach, MMF, 150m): Compatible or third-party modules typically cost \$40-\$150, while OEM-branded modules from vendors like Cisco, Juniper, or Arista may be higher, depending on certification and warranty. These modules use MTP/MPO connectors and are ideal for data center interconnects over OM3/OM4 fiber.
- 40G LR4 (Long-Reach, SMF, 10km): Prices for compatible LR4 modules generally start around \$200-\$400, while OEM-branded LR4 modules can reach \$500-\$1,000+. These modules use LC duplex connectors and WDM technology to combine four 10G wavelengths on a single fiber pair.
- 40G ER4 (Extended-Reach, SMF, 40km): ER4 modules are more specialized and expensive, with prices often exceeding \$800-\$1,000+ for OEM units. They are used for longer-distance interconnects between data centers or metro networks.

Article Content

40G QSFP Optical Transceiver

Its modules are designed to operate over multimode fiber systems using an 850nm VCSEL laser array. An optical fiber ribbon cable

Extreme Networks 40G QSFP+ 40GB-LR4-QSFP Transceiver

Check Extreme Networks 40GB-LR4-QSFP Compatible 40GBASE-LR4 QSFP+ transceiver module data sheet (SMF, 1310nm,

40G QSFP Transceiver

QSFPTTEK offers 40G transceivers with QSFP form factor, enabling customers cost-effective, high-density, and low-power 40G

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

Cisco QSFP-40G-SR4 40GBASE-SR4 QSFP Module, MMF 100m, Price

Cisco QSFP-40G-SR4 40GBASE-SR4 QSFP module for multimode fiber up to 100m, MPO-12 connector, compatible with Cisco 40G

40G QSFP+

SULITON 40G QSFP+ Module SULITON provides OEM and ODM of various optical modules from 10 100 1000basetx sfp to 800G at

Cisco 40 Gigabit Modules

Cisco's Transceiver Module Group delivers industry-leading, standards-compliant 40 Gigabit pluggable transceiver modules.

QSFP+ 40G Optical Transceivers,40G Fiber Optic Transceiver

40G QSFP+ BIDI optical transceiver module is a pluggable optical transceiver with a duplex LC connector interface for short-reach

40G QSFP+ Optical Transceivers Complete Guide | Fibrecross

How 40G QSFP+ optical transceivers boost performance in data centers and telecom networks. Learn about types, use cases, and

40G QSFP+ Optical Modules: A Complete Guide to Choosing for Data

40G QSFP+ SR-BD vs. LR4-S:Complete Guide for Data Center Upgrades While 100G and 400G technologies

Huawei QSFP-40G-LR4 40GBASE-LR4 10km QSFP+ Optical Module Price

Huawei QSFP-40G-LR4 40GBASE-LR4 QSFP+ optical module, 40G single-mode up to 10km via LC duplex for Huawei 40G

Huawei QSFP-40G-LR4 40GBASE-LR4 10km QSFP+ Optical Module

Huawei QSFP-40G-LR4 is a carrier-grade QSFP+ transceiver designed for 40GE long-reach single-mode connectivity up to 10 km.

40G QSFP+ Transceivers — Transceiver USA

Coherent Finisar QSFP+ optical transceiver modules are used in enterprise and datacenter networks. View price, stock and buy

Deep Dive: Optical Module Market

In terms of the BOM for a typical optical module, the driver and TIA account for 20%+ (each contributing equally at

Cisco QSFP-40G-LR4 Compatible QSFP+ Module

Amazon : Cisco QSFP-40G-LR4 Compatible QSFP+ Module - 40GBASE-LR4 Fiber Optical Transceiver - QSFP40GLR4ST :

ipolex 40 Gigabit QSFP+ LC Single-Mode Transceiver, 40GBASE

40GBASE-LR QSFP+ to LC Optical Gigabit Ethernet transceiver module, Single Mode, 1310nm, LC duplex connector,

Optical Transceiver Pricing: Cost Ranges by Speed and

See practical price ranges for 1G–100G optical transceivers, DAC/AOC options, and why cost varies by

What factors influence 400G optical transceiver modules price

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and

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

40G QSFP+ Transceiver Modules | SR4, LR4, ER4 & Breakout Optics

Shop a wide range of 40G QSFP+ optical modules, including 40GBASE-SR4, LR4, and ER4. Our QSFP+ transceivers support

40G QSFP+ Optical Transceiver Modules | FiberMall

As a highly integrated 4-channel optical module, 40G QSFP LR4 PSM has a higher port density and is more cost-effective for the

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to

40G QSFP+ Optical Transceivers | Transceiver Modules

Get cost-effective 40G QSFP+ transceivers at QSFPTEK online store for high-performance 40GbE connectivity. QT QSFP+ includes

QSFP-40G-ER4 40Gbps QSFP+ Transceiver, SM, 40KM -AOA Tech

The QSFP+ ER4 transceivers are high performance, cost effective modules supporting data rate of 40Gbps and 40km transmission

40G QSFP+ Optical Transceiver Modules | Solid Optics

40G QSFP+ optical transceivers available in multimode (100m & 300m) and single mode options (2km, 10km, 40km) and DAC

40G QSFP+ ZR4 LAN-WDM 80km Transceiver Module | FiberMall

Estimated delivery time : 3-5 working days. See details. This 40GBASE ZR4 is a transceiver module for 80km optical communication

QSFP-40G-LR4: QSFP+ 40G LR4 Optical Module Single-Mode

Explore the QSFP-40G-LR4 a 40G LR4 single-mode module with CWDM for 10Km extension. Cisco compatible - buy now for high

Contact Us

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