

How much does a 40G optical module cost



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

Feb 16, 2026

10Gtek 40G QSFP+ MPO Multi-Mode Transceiver, 40GBASE-SR4

Available at a lower price from other sellers that may not offer free Prime shipping.
Wide Compatibility - Cisco QSFP-40G-SR4 and

Jul 29, 2025

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

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

Apr 10, 2026

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

Apr 07, 2026

SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

This post hence illustrates the SFP module price comparison by researching top competitors' SFP price of our brand.

Feb 16, 2026

40GBASE-LR4 QSFP+ 10km OTU3 | €85 | EDGE Optical Solutions

Does this 40GBASE-LR4 QSFP+ support OTU3 and SDH/SONET applications? Yes.
Alongside 40 Gigabit Ethernet, the module

May 04, 2026

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical

Oct 01, 2025

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

Nov 14, 2025

40GBASE ER4 QSFP+ Transceiver | 40G DWDM, 40km LC Optical

The 40GBASE ER4 QSFP+ 1310nm 40km DOM Duplex LC/UPC SMF Optical Transceiver Module is engineered for high

Dec 10, 2025

Unveiling the Cisco QSFP-40G-SR4-S: A Comprehensive Guide to

Explore the Cisco QSFP-40G-SR4-S, a powerful optical transceiver module that delivers 40GBASE-SR4 connectivity

Mar 17, 2026

40G QSFP+ Modules: Specs, Types & Selection Guide

40G QSFP+ Modules Overview: What It Is, Speed & Use Cases A 40G QSFP+ (Quad Small Form-factor Pluggable Plus) module

Aug 06, 2025

In-Depth Guide to 40G QSFP+ Optical Modules, DAC,

40G optical modules are increasingly widely used in data centers. 40G optical modules can reach up to

May 29, 2026

What 40G QSFP+ Optical Module, DAC, AOC is Best for You |FiberMall

40G QSFP+ optical modules include SR4, LR4, LR4 PSM, 40G AOC and DAC are all the Internet interconnect

Nov 18, 2025

Overview of 400G Optical Modules

In 10G/25G modules, optical chips make up about 30% of the cost; in 40G/100G modules, this rises to around 50%;

Jul 17, 2026

Cisco QSFP-40G-LR4 Compatible QSFP+ Module

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

Jul 27, 2026

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

Dec 04, 2025

25G/40G Optical Transceiver Modules

Buy 25G and 40G fiber optic transceivers for high-bandwidth migration at QSFPTEK online store. Cost-effective, compatibility

Oct 10, 2025

What is the 400G Optical Module?

Nowadays, the progress of 400G optical module development and mass production is relatively satisfactory. In the

Jun 18, 2026

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

Oct 08, 2025

40G QSFP+ Modules: Specs, Types & Selection Guide

40G remains suitable for existing 40G infrastructure, cost-sensitive upgrades, and legacy platforms. However, for new data center

Sep 25, 2025

The Ultimate Guide to 40G QSFP+ Transceivers: Unlocking Scalable ...

Discover the benefits of 40G QSFP+ transceivers for Cisco and Juniper networks. Compare SR4 vs LR4 modules,

Sep 21, 2025

40G QSFP+ Optical Transceivers | Transceiver Modules

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

Sep 25, 2025

Everything You Need to Know About QSFP+ 40G ER4 Optical

When choosing between QSFP+ 40G ER4 and ZR4 optical modules, the key lies in the transmission distance you

Aug 25, 2025

The Evolution of Optical Modules: 400G → 800G → 1.6T - A Strategic ...

400G vs 800G vs 1.6T: Quick Comparison 400G, 800G, and 1.6T optical modules differ primarily in bandwidth, power

Sep 15, 2025

Optical Transceiver Pricing: Cost Ranges by Speed and Type

This article compares typical cost ranges across speeds and transceiver types, explains why prices vary, and gives practical

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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

Oct 31, 2025

800/400/200/100/40G Fiber Optical Modules

FS offers a growing portfolio of 800/400/200/100/40G optical transceiver modules and cables. The super-high density and backwards

Sep 15, 2025

The Ultimate Guide to Buying 40G QSFP+ Transceivers

When performance, reliability, and significant cost savings (often 50-80% less than OEM) are paramount, LINK-PP

Nov 05, 2025

Cisco 40 Gigabit Modules

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

Contact Us

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